APPENDIX C

2001 ENVIRONMENTAL MANAGEMENT GROUNDWATER RESULTS

CURRENT LANDFILL

ANALYTICAL RESULTS

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: Current Landfill

	Well ID:087-09 Date:01/24/01 Depth: 29			Well ID:087-09 Date:04/10/01 Depth: 29			Well ID:087-09 Date:06/25/01 Depth: 29		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.41	.5	J	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.018	U	ND	.018	U	ND	.018	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.018	U	ND	.018	U	ND	.018	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	.66	.5	
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.41	0		0	0		.66	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: Current Landfill

	Well ID:087-09 Date:10/03/01 Depth: 29			Well ID:087-11 Date:01/24/01 Depth: 17			Well ID:087-11 Date:04/10/01 Depth: 16		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	2	.5		2.4	.5	
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	.32	.5	J	.61	.5	
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	7.1	.5		6.8	.5	
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.018	U	ND	.018	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.018	U	ND	.018	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	1.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	.46	.5	J	.66	.5	
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	.45	.5	J
TVOC	0	0		11.72	0		14.88	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: Current Landfill

	Well ID:087-11 Date:06/26/01 Depth: 16			Well ID:087-11 Date:10/03/01 Depth: 16			Well ID:087-23 Date:01/24/01 Depth: 33		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	.64	.5	
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	1.8	.5		1.7	.5		ND	.93	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	.32	.5	J	.31	.5	J	.77	.5	
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	4.8	.5		5.7	.5		11	.5	
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.018	U	ND	.5	U	ND	.019	UJ
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.018	U	ND	.5	U	ND	.019	UJ
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	.67	.5		ND	1	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	1.2	.5	B	.3	.5	J	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	.45	.5	J	.42	.5	J
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	.89	.5		.26	.5	J	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	9.68	0		8.72	0		12.83	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: Current Landfill

	Well ID:087-23 Date:04/12/01 Depth: 33			Well ID:087-23 Date:06/26/01 Depth: 33			Well ID:087-23 Date:10/03/01 Depth: 33		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	.26	.5	J	ND	.5	U	.48	.5	J
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	.75	.5		.58	.5		1.3	.5	
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	.51	.5		.36	.5	J	.96	.5	
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	5.6	.5		4.6	.5		9.4	.5	
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.019	UJ	ND	.019	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.019	UJ	ND	.019	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	1.4	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	1.1	.5	B	ND	.5	U
o-Chlorotoluene	.3	.5	J	ND	.5	U	.34	.5	J
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	.4	.5	J	ND	.5	U	.53	.5	
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	10.22	0		6.64	0		14.41	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: Current Landfill

	Well ID:087-24 Date:01/24/01 Depth: 75			Well ID:087-24 Date:04/12/01 Depth: 75			Well ID:087-24 Date:06/26/01 Depth: 75		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.018	UJ	ND	.018	UJ	ND	.018	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.018	UJ	ND	.018	UJ	ND	.018	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	1.1	.5	B
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		0	0		1.1	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: Current Landfill

	Well ID:087-24 Date:10/03/01 Depth: 75			Well ID:087-26 Date:01/24/01 Depth: 75			Well ID:087-26 Date:04/11/01 Depth: 75		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	.83	.5		.77	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.018	UJ	ND	.018	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.018	UJ	ND	.018	UJ
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.62	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		.83	0		.77	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: Current Landfill

	Well ID:087-26 Date:06/26/01 Depth: 75			Well ID:087-26 Date:10/02/01 Depth: 75			Well ID:087-27 Date:01/24/01 Depth: 8		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.88	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	1.1	.5	
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	1.9	.5	
Chloroform	.92	.5		.72	.5		ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.018	U	ND	.5	U	ND	.018	UJ
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.018	U	ND	.5	U	ND	.018	UJ
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	1.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	1.1	.5	B	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	.32	.5	J
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	.3	.5	J	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	2.32	0		.72	0		3.32	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: Current Landfill

	Well ID:087-27 Date:04/11/01 Depth: 8			Well ID:087-27 Date:06/26/01 Depth: 13			Well ID:087-27 Date:10/02/01 Depth: 8		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	.35	.5	J
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	.35	.5	J	ND	.5	U	2.2	.5	
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	.28	.5	J	ND	.5	U	.96	.5	
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	1.5	.5		.27	.5	J	5.9	.5	
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.019	U	ND	.018	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.019	U	ND	.018	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	.32	.5	J	ND	1.2	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	1.1	.5	B	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	.38	.5	J
sec-Butylbenzene	ND	.5	U	ND	.5	U	.39	.5	J
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	2.13	0		1.69	0		10.18	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: Current Landfill

	Well ID:088-21 Date:01/24/01 Depth: 13			Well ID:088-21 Date:04/10/01 Depth: 13			Well ID:088-21 Date:06/25/01 Depth: 13		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.018	U	ND	.019	U	ND	.018	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.018	U	ND	.019	U	ND	.018	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	.58	.5	
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		0	0		.58	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: Current Landfill

	Well ID:088-21 Date:10/03/01 Depth: 13			Well ID:088-22 Date:01/24/01 Depth: 75			Well ID:088-22 Date:04/10/01 Depth: 75		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.018	U	ND	.019	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.018	U	ND	.019	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.72	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		0	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: Current Landfill

	Well ID:088-22 Date:06/25/01 Depth: 75			Well ID:088-22 Date:10/03/01 Depth: 75			Well ID:088-23 Date:01/24/01 Depth: 125		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	.31	.5	J
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	.27	.5	J
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.018	U	ND	.5	U	ND	.018	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.018	U	ND	.5	U	ND	.018	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.82	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		0	0		.58	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: Current Landfill

	Well ID:088-23 Date:04/10/01 Depth: 125			Well ID:088-23 Date:06/25/01 Depth: 125			Well ID:088-23 Date:10/03/01 Depth: 125		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	.27	.5	J	.27	.5	J	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.019	U	ND	.018	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.019	U	ND	.018	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.81	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	.55	.5		.32	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.27	0		.82	0		.32	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: Current Landfill

	Well ID:088-109 Date:01/24/01 Depth: 14			Well ID:088-109 Date:04/11/01 Depth: 14			Well ID:088-109 Date:06/26/01 Depth: 14		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	1.8	.5		ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	.39	.5	J	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	7.4	.5		ND	.5	U	.81	.5	
Chloroform	.35	.5	J	.29	.5	J	.3	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.018	U	ND	.018	U	ND	.018	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.018	U	ND	.018	U	ND	.018	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	.86	.5	
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	1.2	.5	B
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	.25	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	9.94	0		.29	0		3.42	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: Current Landfill

	Well ID:088-109 Date:10/02/01 Depth: 14			Well ID:088-110 Date:01/24/01 Depth: 18			Well ID:088-110 Date:04/11/01 Depth: 18		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	9.7	.5		9.9	.5		2.8	.5	
1,1-Dichloroethylene	.44	.5	J	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	.71	.5		ND	1.7	U	1.2	.5	
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	.28	.5	J
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	.71	.5		.73	.5	
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	76.3	.5		22	.5		18.6	.5	
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.018	UJ	ND	.019	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.018	UJ	ND	.019	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	2.2	.5		.98	.5	
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	1.1	U	ND	.5	U	ND	.59	U
n-Butylbenzene	ND	.5	U	.48	.5	J	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	.7	.5		.71	.5	
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	.27	.5	J	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	87.42	0		35.99	0		29.56	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: Current Landfill

	Well ID:088-110 Date:06/26/01 Depth: 18			Well ID:088-110 Date:10/02/01 Depth: 18		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U
1,1-Dichloroethane	3.4	.5		2.7	.5	
1,1-Dichloroethylene	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U
Benzene	1.3	.5		.96	.5	
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U
Chlorobenzene	.61	.5		.88	.5	
Chlorobromomethane	ND	.5	U	ND	.5	U
Chloroethane	14.8	.5		13.8	.5	
Chloroform	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U
DBCP	ND	.018	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U
EDB	ND	.018	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U
Ethylbenzene	1.4	.5		ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	1.3	U
n-Butylbenzene	ND	.5	U	.37	.5	J
n-Propylbenzene	ND	.5	U	ND	.5	U
Naphthalene*	1.5	.5	B	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	.52	.5	
sec-Butylbenzene	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U
Toluene	.35	.5	J	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U
TVOC	23.36	0		19.23	0	

EM - 2001 Groundwater Data: Semi - VOCs
Brookhaven National Laboratory
Project: Current Landfill

	Well ID:087-09 Date:06/25/01 Depth: 29			Well ID:087-11 Date:06/26/01 Depth: 16			Well ID:087-23 Date:06/26/01 Depth: 33		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,2,4-Trichlorobenzene*	ND	10	U	ND	9.7	U	ND	9.7	U
2,4,5-Trichlorophenol	ND	10	U	ND	9.7	U	ND	9.7	U
2,4,6-Trichlorophenol	ND	10	U	ND	9.7	U	ND	9.7	U
2,4-Dichlorophenol	ND	10	U	ND	9.7	U	ND	9.7	U
2,4-Dimethylphenol	ND	10	U	ND	9.7	U	ND	9.7	U
2,4-Dinitrophenol	ND	50	U	ND	48.5	U	ND	48.5	U
2,4-Dinitrotoluene	ND	10	U	ND	9.7	U	ND	9.7	U
2,6-Dinitrotoluene	ND	10	U	ND	9.7	U	ND	9.7	U
2-Chloronaphthalene	.21	10	J	ND	9.7	U	ND	9.7	U
2-Chlorophenol	ND	10	U	ND	9.7	U	ND	9.7	U
2-Methylnaphthalene	.29	1	J	ND	.97	U	ND	.97	U
3,3'-Dichlorobenzidine	ND	40	U	ND	38.8	U	ND	38.8	U
4,6-Dinitro-o-cresol	ND	50	U	ND	48.5	U	ND	48.5	U
4-Bromophenyl phenyl ether	ND	10	U	ND	9.7	U	ND	9.7	U
4-Chlorophenyl phenyl ether	ND	10	U	ND	9.7	U	ND	9.7	U
Acenaphthene	ND	10	U	ND	9.7	U	ND	9.7	U
Acenaphthylene	ND	10	U	ND	9.7	U	ND	9.7	U
Anthracene	.29	10	J	ND	9.7	U	ND	9.7	U
Benzidine	ND	50	U	ND	48.5	U	ND	48.5	U
Benzo(a)anthracene	ND	10	U	ND	9.7	U	ND	9.7	U
Benzo(a)pyrene	.25	10	J	ND	9.7	U	ND	9.7	U
Benzo(b)fluoranthene	.29	10	J	ND	9.7	U	ND	9.7	U
Benzo(ghi)perylene	ND	10	U	ND	9.7	U	ND	9.7	U
Benzo(k)fluoranthene	.24	10	J	ND	9.7	U	ND	9.7	U
Bis(2-chloroethoxy)methane	ND	10	U	ND	9.7	U	ND	9.7	U
Bis(2-chloroethyl)ether	ND	10	U	ND	9.7	U	ND	9.7	U
Bis(2-ethylhexyl)phthalate	.47	10	J	ND	9.7	U	ND	9.7	U
bis-chloroisopropyl ether	ND	10	U	ND	9.7	U	ND	9.7	U
Butyl benzyl phthalate	ND	10	U	ND	9.7	U	ND	9.7	U
Chrysene	ND	10	U	ND	9.7	U	ND	9.7	U
Di-n-butyl phthalate	ND	10	U	ND	9.7	U	ND	9.7	U
Di-n-octyl phthalate	ND	10	U	ND	9.7	U	ND	9.7	U
Dibenzo(a,h)anthracene	ND	10	U	ND	9.7	U	ND	9.7	U
Dibenzofuran	ND	10	U	ND	9.7	U	ND	9.7	U
Diethyl phthalate	ND	10	U	ND	9.7	U	ND	9.7	U
Dimethyl phthalate	ND	10	U	ND	9.7	U	ND	9.7	U
Fluoranthene	.31	10	J	ND	9.7	U	ND	9.7	U
Fluorene	.24	10	J	ND	9.7	U	ND	9.7	U
Hexachlorobenzene	ND	10	U	ND	9.7	U	ND	9.7	U
Hexachlorobutadiene*	ND	10	U	ND	9.7	U	ND	9.7	U
Hexachlorocyclopentadiene	ND	10	U	ND	9.7	U	ND	9.7	U
Hexachloroethane	ND	10	U	ND	9.7	U	ND	9.7	U
Indeno(1,2,3-cd)pyrene	ND	10	U	ND	9.7	U	ND	9.7	U
Isophorone	ND	10	U	ND	9.7	U	ND	9.7	U
N-Nitrosodimethylamine	ND	10	U	ND	9.7	U	ND	9.7	U
N-Nitrosodipropylamine	ND	10	U	ND	9.7	U	ND	9.7	U
Naphthalene*	ND	10	U	ND	9.7	U	ND	9.7	U
Nitrobenzene	ND	10	U	ND	9.7	U	ND	9.7	U
o-Nitrophenol	ND	10	U	ND	9.7	U	ND	9.7	U
p-Chloro-m-cresol	ND	10	U	ND	9.7	U	ND	9.7	U
p-Nitrophenol	ND	50	U	ND	48.5	U	ND	48.5	U
PCP	ND	50	U	ND	48.5	U	ND	48.5	U
Phenanthrene	.3	10	J	ND	9.7	U	ND	9.7	U
Phenol	ND	10	U	ND	9.7	U	ND	9.7	U
Pyrene	.3	10	J	ND	9.7	U	ND	9.7	U

EM - 2001 Groundwater Data: Semi - VOCs
Brookhaven National Laboratory
Project: Current Landfill

	Well ID:087-24 Date:06/26/01 Depth: 75			Well ID:087-26 Date:06/26/01 Depth: 75			Well ID:087-27 Date:06/26/01 Depth: 13		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,2,4-Trichlorobenzene*	ND	9.7	U	ND	9.7	U	ND	9.7	U
2,4,5-Trichlorophenol	ND	9.7	U	ND	9.7	U	ND	9.7	U
2,4,6-Trichlorophenol	ND	9.7	U	ND	9.7	U	ND	9.7	U
2,4-Dichlorophenol	ND	9.7	U	ND	9.7	U	ND	9.7	U
2,4-Dimethylphenol	ND	9.7	U	ND	9.7	U	ND	9.7	U
2,4-Dinitrophenol	ND	48.5	U	ND	48.5	U	ND	48.5	U
2,4-Dinitrotoluene	ND	9.7	U	ND	9.7	U	ND	9.7	U
2,6-Dinitrotoluene	ND	9.7	U	ND	9.7	U	ND	9.7	U
2-Chloronaphthalene	ND	9.7	U	ND	9.7	U	ND	9.7	U
2-Chlorophenol	ND	9.7	U	ND	9.7	U	ND	9.7	U
2-Methylnaphthalene	ND	.97	U	ND	.97	U	ND	.97	U
3,3'-Dichlorobenzidine	ND	38.8	U	ND	38.8	U	ND	38.8	U
4,6-Dinitro-o-cresol	ND	48.5	U	ND	48.5	U	ND	48.5	U
4-Bromophenyl phenyl ether	ND	9.7	U	ND	9.7	U	ND	9.7	U
4-Chlorophenyl phenyl ether	ND	9.7	U	ND	9.7	U	ND	9.7	U
Acenaphthene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Acenaphthylene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Anthracene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Benzidine	ND	48.5	U	ND	48.5	U	ND	48.5	U
Benzo(a)anthracene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Benzo(a)pyrene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Benzo(b)fluoranthene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Benzo(ghi)perylene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Benzo(k)fluoranthene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Bis(2-chloroethoxy)methane	ND	9.7	U	ND	9.7	U	ND	9.7	U
Bis(2-chloroethyl)ether	ND	9.7	U	ND	9.7	U	ND	9.7	U
Bis(2-ethylhexyl)phthalate	.21	9.7	J	.24	9.7	J	ND	9.7	U
bis-chloroisopropyl ether	ND	9.7	U	ND	9.7	U	ND	9.7	U
Butyl benzyl phthalate	ND	9.7	U	ND	9.7	U	ND	9.7	U
Chrysene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Di-n-butyl phthalate	ND	9.7	U	ND	9.7	U	ND	9.7	U
Di-n-octyl phthalate	ND	9.7	U	ND	9.7	U	ND	9.7	U
Dibenzo(a,h)anthracene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Dibenzofuran	ND	9.7	U	ND	9.7	U	ND	9.7	U
Diethyl phthalate	ND	9.7	U	ND	9.7	U	ND	9.7	U
Dimethyl phthalate	ND	9.7	U	ND	9.7	U	ND	9.7	U
Fluoranthene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Fluorene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Hexachlorobenzene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Hexachlorobutadiene*	ND	9.7	U	ND	9.7	U	ND	9.7	U
Hexachlorocyclopentadiene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Hexachloroethane	ND	9.7	U	ND	9.7	U	ND	9.7	U
Indeno(1,2,3-cd)pyrene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Isophorone	ND	9.7	U	ND	9.7	U	ND	9.7	U
N-Nitrosodimethylamine	ND	9.7	U	ND	9.7	U	ND	9.7	U
N-Nitrosodipropylamine	ND	9.7	U	ND	9.7	U	ND	9.7	U
Naphthalene*	ND	9.7	U	ND	9.7	U	ND	9.7	U
Nitrobenzene	ND	9.7	U	ND	9.7	U	ND	9.7	U
o-Nitrophenol	ND	9.7	U	ND	9.7	U	ND	9.7	U
p-Chloro-m-cresol	ND	9.7	U	ND	9.7	U	ND	9.7	U
p-Nitrophenol	ND	48.5	U	ND	48.5	U	ND	48.5	U
PCP	ND	48.5	U	ND	48.5	U	ND	48.5	U
Phenanthrene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Phenol	ND	9.7	U	ND	9.7	U	ND	9.7	U
Pyrene	ND	9.7	U	ND	9.7	U	ND	9.7	U

EM - 2001 Groundwater Data: Semi - VOCs
Brookhaven National Laboratory
Project: Current Landfill

	Well ID:088-21 Date:06/25/01 Depth: 13			Well ID:088-22 Date:06/25/01 Depth: 75			Well ID:088-23 Date:06/25/01 Depth: 125		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,2,4-Trichlorobenzene*	ND	9.7	U	ND	9.7	U	ND	9.7	U
2,4,5-Trichlorophenol	ND	9.7	U	ND	9.7	U	ND	9.7	U
2,4,6-Trichlorophenol	ND	9.7	U	ND	9.7	U	ND	9.7	U
2,4-Dichlorophenol	ND	9.7	U	ND	9.7	U	ND	9.7	U
2,4-Dimethylphenol	ND	9.7	U	ND	9.7	U	ND	9.7	U
2,4-Dinitrophenol	ND	48.5	U	ND	48.5	U	ND	48.5	U
2,4-Dinitrotoluene	ND	9.7	U	ND	9.7	U	ND	9.7	U
2,6-Dinitrotoluene	ND	9.7	U	ND	9.7	U	ND	9.7	U
2-Chloronaphthalene	ND	9.7	U	ND	9.7	U	ND	9.7	U
2-Chlorophenol	ND	9.7	U	ND	9.7	U	ND	9.7	U
2-Methylnaphthalene	ND	.97	U	ND	.97	U	ND	.97	U
3,3'-Dichlorobenzidine	ND	38.8	U	ND	38.8	U	ND	38.8	U
4,6-Dinitro-o-cresol	ND	48.5	U	ND	48.5	U	ND	48.5	U
4-Bromophenyl phenyl ether	ND	9.7	U	ND	9.7	U	ND	9.7	U
4-Chlorophenyl phenyl ether	ND	9.7	U	ND	9.7	U	ND	9.7	U
Acenaphthene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Acenaphthylene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Anthracene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Benzidine	ND	48.5	U	ND	48.5	U	ND	48.5	U
Benzo(a)anthracene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Benzo(a)pyrene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Benzo(b)fluoranthene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Benzo(ghi)perylene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Benzo(k)fluoranthene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Bis(2-chloroethoxy)methane	ND	9.7	U	ND	9.7	U	ND	9.7	U
Bis(2-chloroethyl)ether	ND	9.7	U	ND	9.7	U	ND	9.7	U
Bis(2-ethylhexyl)phthalate	.24	9.7	J	ND	9.7	U	.17	9.7	J
bis-chloroisopropyl ether	ND	9.7	U	ND	9.7	U	ND	9.7	U
Butyl benzyl phthalate	ND	9.7	U	ND	9.7	U	ND	9.7	U
Chrysene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Di-n-butyl phthalate	ND	9.7	U	ND	9.7	U	ND	9.7	U
Di-n-octyl phthalate	ND	9.7	U	ND	9.7	U	ND	9.7	U
Dibenzo(a,h)anthracene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Dibenzofuran	ND	9.7	U	ND	9.7	U	ND	9.7	U
Diethyl phthalate	ND	9.7	U	ND	9.7	U	ND	9.7	U
Dimethyl phthalate	ND	9.7	U	ND	9.7	U	ND	9.7	U
Fluoranthene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Fluorene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Hexachlorobenzene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Hexachlorobutadiene*	ND	9.7	U	ND	9.7	U	ND	9.7	U
Hexachlorocyclopentadiene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Hexachloroethane	ND	9.7	U	ND	9.7	U	ND	9.7	U
Indeno(1,2,3-cd)pyrene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Isophorone	ND	9.7	U	ND	9.7	U	ND	9.7	U
N-Nitrosodimethylamine	ND	9.7	U	ND	9.7	U	ND	9.7	U
N-Nitrosodipropylamine	ND	9.7	U	ND	9.7	U	ND	9.7	U
Naphthalene*	ND	9.7	U	ND	9.7	U	ND	9.7	U
Nitrobenzene	ND	9.7	U	ND	9.7	U	ND	9.7	U
o-Nitrophenol	ND	9.7	U	ND	9.7	U	ND	9.7	U
p-Chloro-m-cresol	ND	9.7	U	ND	9.7	U	ND	9.7	U
p-Nitrophenol	ND	48.5	U	ND	48.5	U	ND	48.5	U
PCP	ND	48.5	U	ND	48.5	U	ND	48.5	U
Phenanthrene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Phenol	ND	9.7	U	ND	9.7	U	ND	9.7	U
Pyrene	ND	9.7	U	ND	9.7	U	ND	9.7	U

EM - 2001 Groundwater Data: Semi - VOCs
Brookhaven National Laboratory
Project: Current Landfill

	Well ID:088-109 Date:06/26/01 Depth: 14			Well ID:088-110 Date:06/26/01 Depth: 18		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,2,4-Trichlorobenzene*	ND	9.7	U	ND	9.7	U
2,4,5-Trichlorophenol	ND	9.7	U	ND	9.7	U
2,4,6-Trichlorophenol	ND	9.7	U	ND	9.7	U
2,4-Dichlorophenol	ND	9.7	U	ND	9.7	U
2,4-Dimethylphenol	ND	9.7	U	ND	9.7	U
2,4-Dinitrophenol	ND	48.5	U	ND	48.5	U
2,4-Dinitrotoluene	ND	9.7	U	ND	9.7	U
2,6-Dinitrotoluene	ND	9.7	U	ND	9.7	U
2-Chloronaphthalene	ND	9.7	U	ND	9.7	U
2-Chlorophenol	ND	9.7	U	ND	9.7	U
2-Methylnaphthalene	ND	.97	U	ND	.97	U
3,3'-Dichlorobenzidine	ND	38.8	U	ND	38.8	U
4,6-Dinitro-o-cresol	ND	48.5	U	ND	48.5	U
4-Bromophenyl phenyl ether	ND	9.7	U	ND	9.7	U
4-Chlorophenyl phenyl ether	ND	9.7	U	ND	9.7	U
Acenaphthene	ND	9.7	U	ND	9.7	U
Acenaphthylene	ND	9.7	U	ND	9.7	U
Anthracene	ND	9.7	U	ND	9.7	U
Benzidine	ND	48.5	U	ND	48.5	U
Benzo(a)anthracene	ND	9.7	U	ND	9.7	U
Benzo(a)pyrene	ND	9.7	U	ND	9.7	U
Benzo(b)fluoranthene	ND	9.7	U	ND	9.7	U
Benzo(ghi)perylene	ND	9.7	U	ND	9.7	U
Benzo(k)fluoranthene	ND	9.7	U	ND	9.7	U
Bis(2-chloroethoxy)methane	ND	9.7	U	ND	9.7	U
Bis(2-chloroethyl)ether	ND	9.7	U	ND	9.7	U
Bis(2-ethylhexyl)phthalate	ND	9.7	U	.36	9.7	J
bis-chloroisopropyl ether	ND	9.7	U	ND	9.7	U
Butyl benzyl phthalate	ND	9.7	U	ND	9.7	U
Chrysene	ND	9.7	U	ND	9.7	U
Di-n-butyl phthalate	ND	9.7	U	ND	9.7	U
Di-n-octyl phthalate	ND	9.7	U	ND	9.7	U
Dibenzo(a,h)anthracene	ND	9.7	U	ND	9.7	U
Dibenzofuran	ND	9.7	U	ND	9.7	U
Diethyl phthalate	ND	9.7	U	ND	9.7	U
Dimethyl phthalate	ND	9.7	U	ND	9.7	U
Fluoranthene	ND	9.7	U	ND	9.7	U
Fluorene	ND	9.7	U	ND	9.7	U
Hexachlorobenzene	ND	9.7	U	ND	9.7	U
Hexachlorobutadiene*	ND	9.7	U	ND	9.7	U
Hexachlorocyclopentadiene	ND	9.7	U	ND	9.7	U
Hexachloroethane	ND	9.7	U	ND	9.7	U
Indeno(1,2,3-cd)pyrene	ND	9.7	U	ND	9.7	U
Isophorone	ND	9.7	U	ND	9.7	U
N-Nitrosodimethylamine	ND	9.7	U	ND	9.7	U
N-Nitrosodipropylamine	ND	9.7	U	ND	9.7	U
Naphthalene*	ND	9.7	U	ND	9.7	U
Nitrobenzene	ND	9.7	U	ND	9.7	U
o-Nitrophenol	ND	9.7	U	ND	9.7	U
p-Chloro-m-cresol	ND	9.7	U	ND	9.7	U
p-Nitrophenol	ND	48.5	U	ND	48.5	U
PCP	ND	48.5	U	ND	48.5	U
Phenanthrene	ND	9.7	U	ND	9.7	U
Phenol	ND	9.7	U	ND	9.7	U
Pyrene	ND	9.7	U	ND	9.7	U

EM - 2001 Groundwater Data: Pesticides / PCBs
Brookhaven National Laboratory
Project: Current Landfill

	Well ID: 087-09 Date:06/25/01 Depth: 29			Well ID: 087-11 Date:06/26/01 Depth: 16			Well ID: 087-23 Date:06/26/01 Depth: 33			Well ID: 087-24 Date:06/26/01 Depth: 75			Well ID: 087-26 Date:06/26/01 Depth: 75		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
4,4''-DDD	ND	.05	U	ND	.048	U	ND	.048	U	ND	.048	U	ND	.048	U
4,4''-DDE	ND	.1	U	ND	.097	U	ND	.097	U	ND	.097	U	ND	.097	U
4,4''-DDT	ND	.1	U	.012	.097	J	ND	.097	U	ND	.097	U	ND	.097	U
Aldrin	ND	.05	U	ND	.048	U	ND	.048	U	ND	.048	U	ND	.048	U
alpha-BHC	ND	.05	U	ND	.048	U	ND	.048	U	ND	.048	U	ND	.048	U
Aroclor 1016	ND	1	U	ND	.97	U	ND	.97	U	ND	.97	U	ND	.97	U
Aroclor 1221	ND	2	U	ND	1.9	U	ND	1.9	U	ND	1.9	U	ND	1.9	U
Aroclor 1232	ND	1	U	ND	.97	U	ND	.97	U	ND	.97	U	ND	.97	U
Aroclor 1248	ND	1	U	ND	.97	U	ND	.97	U	ND	.97	U	ND	.97	U
Aroclor 1254	ND	1	U	ND	.97	U	ND	.97	U	ND	.97	U	ND	.97	U
Aroclor 1260	ND	1	U	ND	.97	U	ND	.97	U	ND	.97	U	ND	.97	U
Aroclor-1242	ND	1	U	8.5	.98	P	ND	.97	U	ND	.97	U	ND	.97	U
beta-BHC	ND	.05	U	ND	.048	U	ND	.048	U	ND	.048	U	ND	.048	U
Chlordane	ND	.05	U	ND	.048	U	ND	.048	U	ND	.048	U	ND	.048	U
delta-BHC	ND	.1	U	ND	.097	U	ND	.097	U	ND	.097	U	ND	.097	U
Dieldrin	ND	.1	U	ND	.097	U	ND	.097	U	ND	.097	U	ND	.097	U
Endosulfan I	ND	.05	U	ND	.048	U	ND	.048	U	ND	.048	U	ND	.048	U
Endosulfan II	ND	.1	U	ND	.097	U	ND	.097	U	ND	.097	U	ND	.097	U
Endosulfan sulfate	ND	.1	U	ND	.097	U	ND	.097	U	ND	.097	U	ND	.097	U
Endrin	ND	.1	U	ND	.097	U	ND	.097	U	ND	.097	U	ND	.097	U
Endrin aldehyde	ND	.1	U	ND	.097	U	ND	.097	U	ND	.097	U	ND	.097	U
Heptachlor	ND	.05	U	ND	.048	U	ND	.048	U	ND	.048	U	ND	.048	U
Heptachlor epoxide	ND	.05	U	ND	.048	U	ND	.048	U	ND	.048	U	ND	.048	U
Lindane	ND	.05	U	ND	.048	U	ND	.048	U	ND	.048	U	ND	.048	U
Toxaphene	ND	5	U	ND	4.8	U	ND	4.8	U	ND	4.8	U	ND	4.8	U

EM - 2001 Groundwater Data: Pesticides / PCBs
Brookhaven National Laboratory
Project: Current Landfill

	Well ID: 087-27 Date:06/26/01 Depth: 13			Well ID: 088-21 Date:06/25/01 Depth: 13			Well ID: 088-22 Date:06/25/01 Depth: 75			Well ID: 088-23 Date:06/25/01 Depth: 125			Well ID: 088-109 Date:06/26/01 Depth: 14		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
4,4''-DDD	ND	.049	U	ND	.048	U	ND	.048	U	ND	.048	U	ND	.05	U
4,4''-DDE	ND	.098	U	ND	.097	U	ND	.097	U	ND	.097	U	ND	.1	U
4,4''-DDT	.018	.098	J	ND	.097	U	ND	.097	U	ND	.097	U	ND	.1	U
Aldrin	ND	.049	U	ND	.048	U	ND	.048	U	ND	.048	U	ND	.05	U
alpha-BHC	ND	.049	U	ND	.048	U	ND	.048	U	ND	.048	U	ND	.05	U
Aroclor 1016	ND	.98	U	ND	.97	U	ND	.97	U	ND	.97	U	ND	1	U
Aroclor 1221	ND	2	U	ND	1.9	U	ND	1.9	U	ND	1.9	U	ND	2	U
Aroclor 1232	ND	.98	U	ND	.97	U	ND	.97	U	ND	.97	U	ND	1	U
Aroclor 1248	ND	.98	U	ND	.97	U	ND	.97	U	ND	.97	U	ND	1	U
Aroclor 1254	ND	.98	U	ND	.97	U	ND	.97	U	ND	.97	U	ND	1	U
Aroclor 1260	ND	.98	U	ND	.97	U	ND	.97	U	ND	.97	U	ND	1	U
Aroclor-1242	ND	.98	U	ND	.97	U	ND	.97	U	ND	.97	U	ND	1	U
beta-BHC	ND	.049	U	ND	.048	U	ND	.048	U	ND	.048	U	ND	.05	U
Chlordane	ND	.049	U	ND	.048	U	ND	.048	U	ND	.048	U	ND	.05	U
delta-BHC	ND	.098	U	ND	.097	U	ND	.097	U	ND	.097	U	ND	.1	U
Dieldrin	ND	.098	U	ND	.097	U	ND	.097	U	ND	.097	U	ND	.1	U
Endosulfan I	ND	.049	U	ND	.048	U	ND	.048	U	ND	.048	U	ND	.05	U
Endosulfan II	ND	.098	U	ND	.097	U	ND	.097	U	ND	.097	U	ND	.1	U
Endosulfan sulfate	ND	.098	U	ND	.097	U	ND	.097	U	ND	.097	U	ND	.1	U
Endrin	ND	.098	U	ND	.097	U	ND	.097	U	ND	.097	U	ND	.1	U
Endrin aldehyde	ND	.098	U	ND	.097	U	ND	.097	U	ND	.097	U	ND	.1	U
Heptachlor	ND	.049	U	ND	.048	U	ND	.048	U	ND	.048	U	ND	.05	U
Heptachlor epoxide	ND	.049	U	ND	.048	U	ND	.048	U	ND	.048	U	ND	.05	U
Lindane	ND	.049	U	ND	.048	U	ND	.048	U	ND	.048	U	ND	.05	U
Toxaphene	ND	4.9	U	ND	4.8	U	ND	4.8	U	ND	4.8	U	ND	5	U

EM - 2001 Groundwater Data: Pesticides / PCBs
Brookhaven National Laboratory
Project: Current Landfill

	Well ID: 088-110 Date:06/26/01 Depth: 18		
Analyte	Result (ug/L)	Detection Limit	Qual
4,4''-DDD	ND	.048	U
4,4''-DDE	ND	.097	U
4,4''-DDT	ND	.097	U
Aldrin	ND	.048	U
alpha-BHC	ND	.048	U
Aroclor 1016	ND	.97	U
Aroclor 1221	ND	1.9	U
Aroclor 1232	ND	.97	U
Aroclor 1248	ND	.97	U
Aroclor 1254	ND	.97	U
Aroclor 1260	ND	.97	U
Aroclor-1242	ND	.97	U
beta-BHC	ND	.048	U
Chlordane	ND	.048	U
delta-BHC	ND	.097	U
Dieldrin	ND	.097	U
Endosulfan I	ND	.048	U
Endosulfan II	ND	.097	U
Endosulfan sulfate	ND	.097	U
Endrin	ND	.097	U
Endrin aldehyde	ND	.097	U
Heptachlor	ND	.048	U
Heptachlor epoxide	ND	.048	U
Lindane	ND	.048	U
Toxaphene	ND	4.8	U

EM - 2001 Groundwater Data: Metals
Brookhaven National Laboratory
Project: Current Landfill

	Well ID: 087-09 Date: 01/24/01 Depth: 29			Well ID: 087-09 Date: 04/10/01 Depth: 29			Well ID: 087-09 Date: 06/25/01 Depth: 29			Well ID: 087-09 Date: 10/03/01 Depth: 29			Well ID: 087-11 Date: 01/24/01 Depth: 17		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Aluminum	244	7.6		16.7	7.57	B	41.8	7.57	B	202	9.54		ND	34.7	U
Antimony	ND	2.24	U	ND	2.65	U	ND	2.65	U	ND	5.08	U	3.84	2.24	B
Arsenic	ND	2.46	U	2.52	2.33	B	4.17	2.33	B	ND	2.6	U	3.71	2.46	B
Barium	33.1	.487	B	25.7	.162	B	42.6	.162	B	35.2	.248	B	39.5	.487	B
Beryllium	ND	.212	U	ND	.158	U	ND	.158	U	ND	.212	U	ND	.212	U
Cadmium	ND	.361	U	ND	.272	U	ND	.272	U	ND	.416	U	ND	.361	U
Calcium	8430	8.19		7750	5		11500	5		8530	24.7		22000	8.19	
Chromium	4.19	.697	B	3.9	.582	B	3.58	.582	B	8.87	.57	B	ND	.697	U
Cobalt	ND	.669	U	6.73	.419	B	3.39	.419	B	1.98	.737	B	ND	.669	U
Copper	ND	1.54	U	ND	3.58	U	1.4	.587	B	1.4	1.02	B	ND	1.54	U
Iron	428	2.37		3220	3.27		13400	3.27		3190	2.24		55800	2.37	
Lead	ND	2.25	U	ND	1.47	U	ND	1.47	U	ND	2.43	U	ND	2.25	U
Magnesium	3040	4.55	B	3530	3.63	B	5430	3.63		4270	5.14	B	5320	4.55	
Manganese	102	.477		2050	.338		3500	.338		1200	.369		1440	.477	
Mercury	ND	.048	U	ND	.057	U	ND	.057	U	ND	.064	U	ND	.048	U
Nickel	ND	1.03	U	2.14	.815	B	2.41	.815	B	1.87	1.26	B	ND	1.03	U
Potassium	1030	.496	B	5990	6.52		1750	6.52	B	934	18.2	B	7300	.496	
Selenium	ND	2.37	U	ND	2.93	U	ND	2.93	U	ND	3.49	U	ND	2.37	U
Silver	ND	.618	U	ND	.871	U	ND	.871	U	ND	.666	U	ND	.618	U
Sodium	19400	10.6		12900	7.85		11400	7.85		11500	15		18100	10.6	
Thallium	ND	3.26	U	ND	3.88	U	ND	3.88	U	ND	4.93	U	6.54	3.26	B
Vanadium	1.61	.455	B	1.79	.638	B	2.23	.638	B	4.77	.482	B	1.56	.455	B
Zinc	17.6	.504	B	ND	3.99	U	ND	2.83	U	108	.491		ND	.504	U

EM - 2001 Groundwater Data: Metals
Brookhaven National Laboratory
Project: Current Landfill

	Well ID: 087-11 Date: 04/10/01 Depth: 16			Well ID: 087-11 Date: 06/26/01 Depth: 16			Well ID: 087-11 Date: 10/03/01 Depth: 16			Well ID: 087-23 Date: 01/24/01 Depth: 33			Well ID: 087-23 Date: 04/12/01 Depth: 33		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Aluminum	ND	7.57	U	ND	7.57	U	ND	23.5	U	ND	8.6	U	ND	7.57	U
Antimony	ND	2.65	U	ND	2.65	U	ND	5.08	U	3.31	2.24	B	ND	2.65	U
Arsenic	4.32	2.33	B	6.55	2.33	B	3.21	2.6	B	11.1	2.46		8.58	2.33	B
Barium	50.1	.162	B	38.2	.162	B	45.2	.248	B	52.7	.487	B	36.2	.162	B
Beryllium	ND	.158	U	ND	.158	U	ND	.212	U	ND	.212	U	ND	.158	U
Cadmium	ND	.272	U	ND	.272	U	ND	.416	U	ND	.361	U	.309	.272	B
Calcium	23700	5		19200	5		22400	24.7		7220	8.19		5080	5	
Chromium	1.13	.582	B	.644	.582	B	ND	.57	U	ND	.697	U	ND	.582	U
Cobalt	ND	1.02	U	.778	.419	B	ND	.737	U	3.25	.669	B	1.89	.419	B
Copper	ND	.834	U	ND	.587	U	4.67	1.02	B	ND	1.54	U	ND	.587	U
Iron	50900	3.27		43700	3.27		75800	2.24		60500	2.37		44900	3.27	
Lead	ND	1.47	U	ND	1.47	U	2.55	2.43	B	ND	2.25	U	ND	1.47	U
Magnesium	6470	3.63		5300	3.63		5560	5.14		1510	4.55	B	1800	3.63	B
Manganese	1500	.338		1390	.338		3250	.369		4920	.477		5650	.338	
Mercury	ND	.057	U	ND	.057	U	ND	.064	U	ND	.048	U	ND	.057	U
Nickel	1.63	.815	B	2.12	.815	B	1.61	1.26	B	1.5	1.03	B	1.58	.815	B
Potassium	7930	6.52		7130	6.52		6790	18.2		2300	.496	B	1530	6.52	B
Selenium	ND	2.93	U	3.3	2.93	B	ND	3.49	U	4.35	2.37	B	ND	2.93	U
Silver	ND	.871	U	1.07	.871	B	ND	.666	U	ND	.618	U	ND	.871	U
Sodium	16600	7.85		14100	7.85		16800	15		9020	10.6		9720	7.85	N
Thallium	ND	3.88	U	ND	3.88	U	9.26	4.93	B	6.28	3.26	B	ND	3.88	U
Vanadium	2.12	.638	B	1.4	.638	B	1.88	.482	B	.798	.455	B	ND	.638	U
Zinc	ND	1.56	U	ND	.72	U	ND	2.49	U	ND	1.36	U	ND	.72	U

EM - 2001 Groundwater Data: Metals
Brookhaven National Laboratory
Project: Current Landfill

	Well ID: 087-23 Date: 06/26/01 Depth: 33			Well ID: 087-23 Date: 10/03/01 Depth: 33			Well ID: 087-24 Date: 01/24/01 Depth: 75			Well ID: 087-24 Date: 04/12/01 Depth: 75			Well ID: 087-24 Date: 06/26/01 Depth: 75		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Aluminum	ND	7.57	U	ND	48.4	U	ND	7.6	U	ND	7.57	U	ND	7.57	U
Antimony	ND	2.65	U	ND	5.08	U	2.66	2.24	B	ND	2.65	U	ND	2.65	U
Arsenic	9	2.33	B	9.48	2.6	B	ND	2.46	U	3.25	2.33	B	3.4	2.33	B
Barium	27.5	.162	B	72.4	.248	B	9.63	.487	B	9.33	.162	B	7.77	.162	B
Beryllium	ND	.158	U	ND	.212	U	ND	.212	U	ND	.158	U	ND	.158	U
Cadmium	ND	.272	U	ND	.416	U	ND	.361	U	ND	.272	U	ND	.272	U
Calcium	3920	5	B	9030	24.7		2810	8.19	B	2740	5	B	2280	5	B
Chromium	ND	.582	U	ND	.57	U	ND	.697	U	ND	.582	U	ND	.582	U
Cobalt	2	.419	B	6.77	.737	B	ND	.669	U	ND	.419	U	ND	.419	U
Copper	ND	.587	U	4.35	1.02	B	ND	1.54	U	ND	.587	U	ND	.587	U
Iron	34400	3.27		80200	2.24		33.6	2.37	B	27.3	3.27	B	20.8	3.27	B
Lead	ND	1.47	U	ND	2.43	U	ND	2.25	U	ND	1.47	U	ND	1.47	U
Magnesium	1650	3.63	B	2470	5.14	B	2330	4.55	B	2140	3.63	B	1870	3.63	B
Manganese	5980	.338		5550	.369		ND	.591	U	.837	.338	B	ND	.338	U
Mercury	ND	.057	U	ND	.064	U	ND	.048	U	ND	.057	U	ND	.057	U
Nickel	1.16	.815	B	2.58	1.26	B	ND	1.03	U	.944	.815	B	ND	.815	U
Potassium	1160	6.52	B	2350	18.2	B	967	.496	B	975	6.52	B	894	6.52	B
Selenium	5.65	2.93		3.5	3.49	B	ND	2.37	U	ND	2.93	U	ND	2.93	U
Silver	ND	.871	U	ND	.666	U	ND	.618	U	ND	.871	U	ND	.871	U
Sodium	8750	7.85		8550	15		16000	10.6		15900	7.85	N	13400	7.85	
Thallium	ND	3.88	U	9.9	4.93	B	ND	3.26	U	ND	3.88	U	ND	3.88	U
Vanadium	ND	.638	U	1.23	.482	B	.5	.455	B	ND	.638	U	ND	.638	U
Zinc	1.19	.72	B	87.3	.491		ND	.952	U	ND	.72	U	ND	.72	U

EM - 2001 Groundwater Data: Metals
Brookhaven National Laboratory
Project: Current Landfill

	Well ID: 087-24 Date: 10/03/01 Depth: 75			Well ID: 087-26 Date: 01/24/01 Depth: 75			Well ID: 087-26 Date: 04/11/01 Depth: 75			Well ID: 087-26 Date: 06/26/01 Depth: 75			Well ID: 087-26 Date: 10/02/01 Depth: 75		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Aluminum	ND	18	U	ND	17.4	U	ND	7.57	U	ND	7.57	U	10.1	9.54	B
Antimony	ND	5.08	U	ND	2.24	U	ND	2.65	U	ND	2.65	U	ND	5.08	U
Arsenic	ND	2.6	U	ND	2.46	U	ND	2.33	U	4.77	2.33	B	ND	2.6	U
Barium	8.75	.248	B	23.4	.487	B	22.6	.162	B	20.3	.162	B	22	.248	B
Beryllium	ND	.212	U	ND	.212	U	ND	.158	U	ND	.158	U	ND	.212	U
Cadmium	ND	.416	U	ND	.361	U	ND	.272	U	ND	.272	U	ND	.416	U
Calcium	2380	24.7	B	4480	8.19	B	3930	5	B	3830	5	B	3960	24.7	B
Chromium	.624	.57	B	ND	.697	U	ND	.582	U	ND	.582	U	ND	.57	U
Cobalt	ND	.737	U	2.04	.669	B	1.97	.419	B	1.38	.419	B	1.71	.737	B
Copper	ND	1.02	U	ND	1.54	U	ND	.587	U	2.62	.587	B	2.3	1.02	B
Iron	58.1	2.24	B	226	2.37		555	3.27		857	3.27		798	2.24	
Lead	ND	2.43	U	ND	2.25	U	ND	1.47	U	2.18	1.47	B	ND	2.43	U
Magnesium	1890	5.14	B	3410	4.55	B	2720	3.63	B	2820	3.63	B	2790	5.14	B
Manganese	1.46	.369	B	40.7	.477		14.5	.338	B	12.4	.338	B	10.8	.369	B
Mercury	ND	.064	U	ND	.048	U	ND	.057	U	ND	.057	U	ND	.064	U
Nickel	ND	1.26	U	ND	1.03	U	2.29	.815	B	1.34	.815	B	1.51	1.26	B
Potassium	1050	18.2	B	937	.496	B	867	6.52	B	883	6.52	B	982	18.2	B
Selenium	ND	3.49	U	ND	2.37	U	ND	2.93	U	ND	2.93	U	4.67	3.49	B
Silver	ND	.666	U	ND	.618	U	ND	.871	U	ND	.871	U	ND	.666	U
Sodium	13500	15		17700	10.6		14100	7.85		16000	7.85		17200	15	
Thallium	ND	4.93	U	ND	3.26	U	ND	3.88	U	ND	3.88	U	ND	4.93	U
Vanadium	ND	.482	U	.645	.455	B	ND	.638	U	.643	.638	B	ND	.482	U
Zinc	188	.491		ND	2.18	U	ND	.72	U	ND	.72	U	107	.491	

EM - 2001 Groundwater Data: Metals
Brookhaven National Laboratory
Project: Current Landfill

	Well ID: 087-27 Date: 01/24/01 Depth: 8			Well ID: 087-27 Date: 04/11/01 Depth: 8			Well ID: 087-27 Date: 06/26/01 Depth: 13			Well ID: 087-27 Date: 10/02/01 Depth: 8			Well ID: 088-21 Date: 01/24/01 Depth: 13		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Aluminum	ND	57.5	U	ND	7.57	U	ND	7.57	U	52.6	9.54	B	ND	48.9	U
Antimony	ND	2.24	U	3.07	2.65	B	ND	2.65	U	ND	5.08	U	2.73	2.24	B
Arsenic	2.57	2.46	B	ND	2.33	U	3.69	2.33	B	4.33	2.6	B	ND	2.46	U
Barium	43.5	.487	B	29.2	.162	B	15.8	.162	B	51.3	.248	B	13.1	.487	B
Beryllium	ND	.212	U	ND	.158	U	ND	.158	U	ND	.212	U	ND	.212	U
Cadmium	ND	.361	U	.276	.272	B	ND	.272	U	ND	.416	U	ND	.361	U
Calcium	28800	8.19		20000	5		12300	5		24400	24.7		5700	8.19	
Chromium	ND	.697	U	ND	.582	U	ND	.582	U	.987	.57	B	ND	.697	U
Cobalt	5.67	.669	B	5.78	.419	B	4.94	.419	B	9.48	.737	B	ND	.669	U
Copper	ND	1.54	U	ND	.587	U	ND	.587	U	1.94	1.02	B	ND	1.54	U
Iron	36800	2.37		16700	3.27		21100	3.27		51300	2.24		105	2.37	
Lead	ND	2.25	U	ND	1.47	U	ND	1.47	U	ND	2.43	U	ND	2.25	U
Magnesium	7060	4.55		6550	3.63		3870	3.63	B	4670	5.14	B	2940	4.55	B
Manganese	1210	.477		807	.338		599	.338		1790	.369		50.3	.477	
Mercury	ND	.048	U	ND	.057	U	ND	.057	U	ND	.064	U	ND	.048	U
Nickel	1.23	1.03	B	2.37	.815	B	.972	.815	B	2.32	1.26	B	ND	1.03	U
Potassium	6830	.496		4150	6.52	B	2700	6.52	B	6480	18.2		1630	.496	B
Selenium	ND	2.37	U	ND	2.93	U	3.26	2.93	B	4.83	3.49	B	ND	2.37	U
Silver	1.6	.618	B	ND	.871	U	ND	.871	U	ND	.666	U	ND	.618	U
Sodium	20100	10.6		10300	7.85		3630	7.85	B	24100	15		20000	10.6	
Thallium	ND	3.26	U	ND	3.88	U	ND	3.88	U	8.19	4.93	B	ND	3.26	U
Vanadium	1.84	.455	B	ND	.638	U	.794	.638	B	.937	.482	B	.532	.455	B
Zinc	ND	.504	U	ND	.72	U	.966	.72	B	117	.491		ND	.854	U

EM - 2001 Groundwater Data: Metals
Brookhaven National Laboratory
Project: Current Landfill

	Well ID: 088-21 Date: 04/10/01 Depth: 13			Well ID: 088-21 Date: 06/25/01 Depth: 13			Well ID: 088-21 Date: 10/03/01 Depth: 13			Well ID: 088-22 Date: 01/24/01 Depth: 75			Well ID: 088-22 Date: 04/10/01 Depth: 75		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Aluminum	629	7.57		38.9	7.57	B	ND	54.6	U	ND	7.6	U	ND	7.57	U
Antimony	ND	2.65	U	ND	2.91	U	ND	5.08	U	ND	2.24	U	ND	2.65	U
Arsenic	ND	2.33	U	3.71	2.33	B	ND	2.6	U	8.02	2.46	B	11.8	2.33	
Barium	15.8	.162	B	6.53	.162	B	10.3	.248	B	24.6	.487	B	26.8	.162	B
Beryllium	ND	.158	U	ND	.158	U	ND	.212	U	ND	.212	U	ND	.158	U
Cadmium	ND	.272	U	ND	.272	U	ND	.416	U	ND	.361	U	ND	.272	U
Calcium	17400	5		5930	5		4510	24.7	B	5610	8.19		5370	5	
Chromium	1.65	.582	B	ND	.582	U	1.06	.57	B	ND	.697	U	ND	.582	U
Cobalt	7.94	.419	B	.458	.419	B	ND	.737	U	2.65	.669	B	3.2	.419	B
Copper	ND	.587	U	ND	.587	U	ND	1.02	U	ND	1.54	U	ND	.958	U
Iron	2400	3.27		115	3.27		144	2.24		7470	2.37		8370	3.27	
Lead	ND	1.47	U	1.73	1.47	B	ND	2.43	U	ND	2.25	U	ND	1.47	U
Magnesium	8550	3.63		2690	3.63	B	2130	5.14	B	1540	4.55	B	1540	3.63	B
Manganese	588	.338		49.2	.338		13.9	.369	B	679	.477		770	.338	
Mercury	ND	.057	U	ND	.057	U	ND	.064	U	ND	.048	U	ND	.057	U
Nickel	1.47	.815	B	ND	.815	U	ND	1.26	U	5.13	1.03	B	5.67	.815	B
Potassium	1410	6.52	B	953	6.52	B	1570	18.2	B	1320	.496	B	1340	6.52	B
Selenium	ND	2.93	U	4.64	2.93	B	ND	3.49	U	ND	2.37	U	ND	2.93	U
Silver	ND	.871	U	ND	.871	U	ND	.666	U	ND	.618	U	ND	.871	U
Sodium	52300	7.85		21600	7.85		17600	15		15200	10.6		13500	7.85	
Thallium	ND	3.88	U	ND	3.88	U	ND	4.93	U	3.32	3.26	B	ND	3.88	U
Vanadium	9.85	.638	B	.768	.638	B	ND	.482	U	ND	.455	U	ND	.638	U
Zinc	ND	.72	U	ND	1.58	U	204	.491		ND	.77	U	ND	.819	U

EM - 2001 Groundwater Data: Metals
Brookhaven National Laboratory
Project: Current Landfill

	Well ID: 088-22 Date: 06/25/01 Depth: 75			Well ID: 088-22 Date: 10/03/01 Depth: 75			Well ID: 088-23 Date: 01/24/01 Depth: 125			Well ID: 088-23 Date: 04/10/01 Depth: 125			Well ID: 088-23 Date: 06/25/01 Depth: 125		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Aluminum	ND	7.57	U	ND	19.6	U	ND	7.6	U	ND	7.57	U	16.2	7.57	B
Antimony	ND	2.65	U	ND	5.08	U	4.57	2.24	B	ND	2.65	U	ND	2.65	U
Arsenic	8.53	2.33	B	9.01	2.6	B	ND	2.46	U	4.05	2.33	B	ND	2.33	U
Barium	26.4	.162	B	32.3	.248	B	4.43	.487	B	4.33	.162	B	3.89	.162	B
Beryllium	ND	.158	U	ND	.212	U	ND	.212	U	ND	.158	U	ND	.158	U
Cadmium	ND	.272	U	ND	.416	U	ND	.361	U	ND	.272	U	ND	.272	U
Calcium	5690	5		6320	24.7		10400	8.19		10300	5		10600	5	
Chromium	ND	.582	U	ND	.57	U	ND	.697	U	ND	.582	U	ND	.582	U
Cobalt	3.35	.419	B	3.19	.737	B	ND	.669	U	ND	.68	U	.458	.419	B
Copper	ND	.587	U	ND	1.02	U	ND	1.54	U	ND	.799	U	ND	.587	U
Iron	7620	3.27		9630	2.24		4650	2.37		4810	3.27		4260	3.27	
Lead	ND	1.47	U	ND	2.43	U	ND	2.25	U	ND	1.47	U	ND	1.47	U
Magnesium	1740	3.63	B	1800	5.14	B	2700	4.55	B	2550	3.63	B	2690	3.63	B
Manganese	709	.338		851	.369		2350	.477		2500	.338		2210	.338	
Mercury	ND	.057	U	ND	.064	U	ND	.048	U	ND	.057	U	ND	.057	U
Nickel	5.49	.815	B	6.19	1.26	B	ND	1.03	U	ND	.815	U	ND	.815	U
Potassium	1420	6.52	B	1640	18.2	B	474	.496	B	443	6.52	B	459	6.52	B
Selenium	ND	2.93	U	ND	3.49	U	ND	2.37	U	ND	2.93	U	ND	2.93	U
Silver	ND	.871	U	ND	.666	U	ND	.618	U	ND	.871	U	ND	.871	U
Sodium	15900	7.85		16600	15		12300	10.6		11200	7.85		12600	7.85	
Thallium	ND	3.88	U	ND	4.93	U	4.61	3.26	B	ND	3.88	U	ND	3.88	U
Vanadium	ND	.638	U	ND	.482	U	ND	.455	U	ND	.638	U	ND	.638	U
Zinc	ND	.72	U	5.28	.491	B	ND	4.01	UJ	ND	.919	U	ND	2.98	U

EM - 2001 Groundwater Data: Metals
Brookhaven National Laboratory
Project: Current Landfill

	Well ID: 088-23 Date: 10/03/01 Depth: 125			Well ID: 088-109 Date: 01/24/01 Depth: 14			Well ID: 088-109 Date: 04/11/01 Depth: 14			Well ID: 088-109 Date: 06/26/01 Depth: 14			Well ID: 088-109 Date: 10/02/01 Depth: 14		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Aluminum	ND	57.5	U	ND	27.1	UJ	10.8	7.57	B	ND	7.57	U	ND	20.7	U
Antimony	ND	5.08	U	2.7	2.24	B	ND	2.65	U	ND	2.65	U	ND	5.08	U
Arsenic	ND	2.6	U	ND	2.46	U	ND	2.33	U	ND	2.33	U	3.03	2.6	B
Barium	4.4	.248	B	59.9	.487	B	10	.162	B	8.53	.162	B	143	.248	B
Beryllium	ND	.212	U	ND	.212	U	ND	.158	U	ND	.158	U	ND	.212	U
Cadmium	ND	.416	U	ND	.361	U	ND	.272	U	ND	.272	U	ND	.416	U
Calcium	10500	24.7		21800	8.19		9160	5		8650	5		51000	24.7	
Chromium	ND	.57	U	ND	.697	U	ND	.582	U	ND	.582	U	.789	.57	B
Cobalt	ND	.737	U	2.96	.669	B	1.32	.419	B	ND	.419	U	3.59	.737	B
Copper	ND	1.02	U	ND	1.54	U	ND	.587	U	.835	.587	B	1.6	1.02	B
Iron	5180	2.24		8450	2.37		700	3.27		104	3.27		42200	2.24	
Lead	ND	2.43	U	ND	2.25	U	ND	1.47	U	ND	1.47	U	5.7	2.43	
Magnesium	2810	5.14	B	5880	4.55		4260	3.63	B	3920	3.63	B	8810	5.14	
Manganese	2600	.369		413	.477		239	.338		85.3	.338		800	.369	
Mercury	ND	.064	U	ND	.048	U	ND	.057	U	ND	.057	U	ND	.064	U
Nickel	ND	1.26	U	1.39	1.03	B	1.52	.815	B	ND	.815	U	4.8	1.26	B
Potassium	546	18.2	B	4820	.496	B	1040	6.52	B	1030	6.52	B	14500	18.2	
Selenium	4.15	3.49	B	ND	2.37	U	ND	2.93	U	3.66	2.93	B	4.15	3.49	B
Silver	ND	.666	U	ND	.618	U	ND	.871	U	ND	.871	U	ND	.666	U
Sodium	13000	15		11200	10.6		6670	7.85		7080	7.85		15600	15	
Thallium	ND	4.93	U	ND	3.26	U	ND	3.88	U	ND	3.88	U	6.36	4.93	B
Vanadium	ND	.482	U	.52	.455	B	ND	.638	U	ND	.638	U	.725	.482	B
Zinc	87.2	.491		ND	1.34	UJ	ND	.72	U	1.15	.72	B	ND	100	U

EM - 2001 Groundwater Data: Metals
Brookhaven National Laboratory
Project: Current Landfill

	Well ID: 088-110 Date: 01/24/01 Depth: 18			Well ID: 088-110 Date: 04/11/01 Depth: 18			Well ID: 088-110 Date: 06/26/01 Depth: 18			Well ID: 088-110 Date: 10/02/01 Depth: 18		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Aluminum	ND	22.2	U	ND	7.57	U	ND	7.57	U	11.5	11.5	B
Antimony	ND	2.24	U	ND	2.65	U	ND	2.65	U	ND	5.08	U
Arsenic	7.14	2.46	B	6.86	2.33	B	10.4	2.33		6.63	2.6	B
Barium	89.4	.487	B	110	.162	B	75	.162	B	90.1	.248	B
Beryllium	ND	.212	U	ND	.158	U	ND	.158	U	ND	.212	U
Cadmium	ND	.361	U	1.02	.272	B	ND	.272	U	ND	.416	U
Calcium	43000	8.19		42400	5		36000	5		33500	24.7	
Chromium	ND	.697	U	ND	.582	U	ND	.582	U	.803	.57	B
Cobalt	14.6	.669	B	15.7	.419	B	9.25	.419	B	8.79	.737	B
Copper	ND	1.54	U	ND	.587	U	ND	.587	U	2.32	1.02	B
Iron	88800	2.37		70600	3.27		53900	3.27		54200	2.24	
Lead	ND	2.25	U	ND	1.47	U	ND	1.47	U	ND	2.43	U
Magnesium	11700	4.55		11400	3.63		9700	3.63		9010	5.14	
Manganese	2840	.477		2500	.338		1860	.338		1500	.369	
Mercury	ND	.048	U	ND	.057	U	ND	.057	U	ND	.064	U
Nickel	2.87	1.03	B	4.88	.815	B	3.41	.815	B	3.63	1.26	B
Potassium	10300	.496		10300	6.52		9190	6.52		10600	18.2	
Selenium	6.23	2.37		ND	2.93	U	ND	2.93	U	6.02	3.49	
Silver	ND	.618	U	ND	.871	U	.908	.871	B	ND	.666	U
Sodium	31000	10.6		27900	7.85		25300	7.85		22100	15	
Thallium	6.76	3.26	B	ND	3.88	U	ND	3.88	U	ND	4.93	U
Vanadium	1.35	.455	B	1.9	.638	B	1.46	.638	B	1.07	.482	B
Zinc	ND	.504	U	41.3	.72		ND	.72	U	ND	104	U

EM - 2001 Groundwater Data: Chemistry Parameters
Brookhaven National Laboratory
Project: Current Landfill

	Well ID:087-09 Date:01/24/01 Depth: 29			Well ID:087-09 Date:04/10/01 Depth: 29			Well ID:087-09 Date:06/25/01 Depth: 29			Well ID:087-09 Date:10/03/01 Depth: 29			Well ID:087-11 Date:01/24/01 Depth: 17		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Alkalinity (as CaCO3)	8460	725		36700	725		44200	725		25500	725		148000	725	
Ammonia (as N)	ND	23.5	U	30	23.5	J	720	23.5		120	23.5		5460	70.5	
Chloride	29600	50		21300	25		10400	25		14200	25		26200	50	
Cyanide	ND	13.8	U	ND	13.8	U	4.27	2.76	J	ND	2.89	U	22.3	13.8	J
Nitrate (as N)										1220	10				
Nitrite (as N)										ND	9	U			
Nitrite + Nitrate-N	340	6.9		90	6.9		480	6.9					ND	6.9	U
Nitrogen	400	56.5		1070	56.5		1360	56.5		2300	56.5		7500	56.5	
Residue, filterable	104000	5090		87000	5090		116000	5090		76000	5090		228000	5090	
Residue, non-filterable	3000	699	J	14000	2330	J	11000	1750	J	6630	437		24200	699	
Sulfate	13900	62		9200	62		12000	62		12500	62		3380	62	J
Total Kjeldahl Nitrogen	60	56.5	J	980	56.5		880	56.5		520	56.5		7500	283	

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Brookhaven National Laboratory
Project: Current Landfill

	Well ID:087-11 Date:04/10/01 Depth: 16			Well ID:087-11 Date:06/26/01 Depth: 16			Well ID:087-11 Date:10/03/01 Depth: 16			Well ID:087-23 Date:01/24/01 Depth: 33			Well ID:087-23 Date:04/12/01 Depth: 33		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Alkalinity (as CaCO3)	112000	1450		101000	725		227000	725		63200	725	J	29100	1450	
Ammonia (as N)	6400	118		5000	118		3570	70.5		1400	23.5		950	23.5	
Chloride	30200	50		23400	25		28600	50		9270	25	J	8390	25	
Cyanide	ND	13.8	U	ND	2.76	U	ND	2.89	U	ND	13.8	U	ND	2.76	UJ
Nitrate (as N)							ND	10	U						
Nitrite (as N)							ND	9	U						
Nitrite + Nitrate-N	ND	10	U	10	6.9	J				ND	6.9	U	10	6.9	J
Nitrogen	7160	56.5		4510	56.5		3690	170		1670	56.5	J	980	56.5	
Residue, filterable	221000	5090		198000	5090		226000	5090		157000	5090	J	114000	5090	
Residue, non-filterable	21300	874		22800	699		19200	350		9250	874		20000	699	
Sulfate	5750	62		6120	62		7940	62		10800	62	J	13100	62	
Total Kjeldahl Nitrogen	7150	283		4500	283		3690	170		1670	56.5	J	970	56.5	

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Brookhaven National Laboratory
Project: Current Landfill

	Well ID:087-23 Date:06/26/01 Depth: 33			Well ID:087-23 Date:10/03/01 Depth: 33			Well ID:087-24 Date:01/24/01 Depth: 75			Well ID:087-24 Date:04/12/01 Depth: 75			Well ID:087-24 Date:06/26/01 Depth: 75		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Alkalinity (as CaCO3)	40000	725		140000	725		14400	725	J	19200	1540		12200	725	
Ammonia (as N)	700	23.5		1540	23.5		ND	23.5	U	ND	23.5	U	ND	23.5	U
Chloride	7770	25		7130	25		16600	25	J	12500	25		12100	25	
Cyanide	ND	2.76	U	ND	2.89	U	ND	13.8	U	ND	2.76	UJ	ND	2.76	U
Nitrate (as N)				ND	10	U									
Nitrite (as N)				ND	9	U									
Nitrite + Nitrate-N	20	6.9	J				320	6.9		320	6.9		320	6.9	
Nitrogen	750	56.5		1870	56.5		440	56.5	J	320	56.5		320	56.5	
Residue, filterable	103000	5090		159000	5090		82000	5090	J	55000	5090		66000	5090	
Residue, non-filterable	23000	699		23000	360		ND	699	U	ND	699	U	ND	699	U
Sulfate	14900	62		6630	62		12600	62		11000	62		11300	62	
Total Kjeldahl Nitrogen	730	56.5		1870	56.5		120	56.5	J	ND	56.5	U	ND	56.5	U

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	Well ID:087-24 Date:10/03/01 Depth: 75			Well ID:087-26 Date:01/24/01 Depth: 75			Well ID:087-26 Date:04/11/01 Depth: 75			Well ID:087-26 Date:06/26/01 Depth: 75			Well ID:087-26 Date:10/02/01 Depth: 75		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Alkalinity (as CaCO3)	40800	725		16900	725	J	8040	1450		16000	725		30600	725	
Ammonia (as N)	ND	23.5	U	ND	23.5	U	ND	23.5	U	ND	23.5	U	ND	23.5	U
Chloride	13000	25		19400	25	J	18800	25		17300	25		20200	25	
Cyanide	ND	2.89	U	16.1	13.8	J				ND	2.76	U	ND	2.89	U
Nitrate (as N)	324	10											312	10	
Nitrite (as N)	ND	9	U										ND	9	U
Nitrite + Nitrate-N				380	6.9		360	6.9		320	6.9				
Nitrogen	710	56.5		540	56.5	J	360	56.5		450	56.5		600	56.5	
Residue, filterable	58000	5090		93000	5090	J	72000	5090		77000	5090		71000	5090	
Residue, non-filterable	ND	350	U	ND	699	U	ND	699	U	1200	699	J	1000	350	J
Sulfate	10300	62		12900	62		11300	62		10300	62		11500	62	
Total Kjeldahl Nitrogen	330	56.5		160	56.5	J	ND	56.5	U	130	56.5		290	56.5	

EM - 2001 Groundwater Data: Chemistry Parameters
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Project: Current Landfill

	Well ID:087-27 Date:01/24/01 Depth: 8			Well ID:087-27 Date:04/11/01 Depth: 8			Well ID:087-27 Date:06/26/01 Depth: 13			Well ID:087-27 Date:10/02/01 Depth: 8			Well ID:088-21 Date:01/24/01 Depth: 13		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Alkalinity (as CaCO3)	99500	725	J	7040	1450		41800	725		91800	725		27900	725	
Ammonia (as N)	2520	70.5		1930	23.5		1310	23.5		2490	23.5		ND	23.5	U
Chloride	34400	50	J	12300	25		5440	25		28600	50		23300	50	
Cyanide	28.3	13.8	J				ND	2.76	U	ND	2.89	U	ND	13.8	U
Nitrate (as N)										ND	10	U			
Nitrite (as N)										ND	9	U			
Nitrite + Nitrate-N	ND	6.9	U	210	6.9		30	6.9	J				450	6.9	
Nitrogen	3480	56.5	J	2300	56.5		1390	56.5		2960	113		610	56.5	
Residue, filterable	228000	5090	J	123000	5090		93000	5090		187000	5090		89000	5090	
Residue, non-filterable	18700	777		22500	1750		22000	699		31600	699		1110	777	J
Sulfate	15200	62		10200	62		8640	62		12900	62		4850	62	J
Total Kjeldahl Nitrogen	3480	170	J	2090	56.5		1360	56.5		2960	113		160	56.5	

EM - 2001 Groundwater Data: Chemistry Parameters
Brookhaven National Laboratory
Project: Current Landfill

	Well ID:088-21 Date:04/10/01 Depth: 13			Well ID:088-21 Date:06/25/01 Depth: 13			Well ID:088-21 Date:10/03/01 Depth: 13			Well ID:088-22 Date:01/24/01 Depth: 75			Well ID:088-22 Date:04/10/01 Depth: 75		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Alkalinity (as CaCO3)	29100	725		31000	725		15300	725		15900	725		15600	725	
Ammonia (as N)	ND	23.5	U	ND	23.5	U	ND	23.5	U	ND	23.5	U	ND	23.5	U
Chloride	106000	250		25300	50		22600	25		18400	25		17000	25	
Cyanide	ND	13.8	U	ND	2.76	U	ND	2.89	U	ND	13.8	U	ND	13.8	U
Nitrate (as N)							86	10							
Nitrite (as N)							ND	9	U						
Nitrite + Nitrate-N	1160	6.9		110	6.9					ND	6.9	U	100	6.9	
Nitrogen	1330	56.5		170	56.5		320	56.5		120	56.5		ND	56.5	U
Residue, filterable	239000	5090		90000	5090		67000	5090		88000	5090		77000	5090	
Residue, non-filterable	23400	999		ND	699	U	1250	364	J	10400	699		12600	699	
Sulfate	5580	62		7340	62		2940	62	J	13000	62		11600	62	
Total Kjeldahl Nitrogen	ND	170	U	60	56.5	J	270	56.5		120	56.5		ND	56.5	U

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Brookhaven National Laboratory
Project: Current Landfill

	Well ID:088-22 Date:06/25/01 Depth: 75			Well ID:088-22 Date:10/03/01 Depth: 75			Well ID:088-23 Date:01/24/01 Depth: 125			Well ID:088-23 Date:04/10/01 Depth: 125			Well ID:088-23 Date:06/25/01 Depth: 125		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Alkalinity (as CaCO3)	14100	725		12800	725		26900	725		28100	725		30600	725	
Ammonia (as N)	ND	23.5	U	ND	23.5	U	ND	23.5	U	ND	23.5	U	30	23.5	J
Chloride	18900	25		18200	25		19000	25		16200	25		17700	25	
Cyanide	ND	2.76	U	ND	2.89	U	ND	13.8	U	ND	13.8	U	ND	2.76	U
Nitrate (as N)				ND	10	U									
Nitrite (as N)				ND	9	U									
Nitrite + Nitrate-N	ND	6.9	U				ND	6.9	U	ND	6.9	U	10	6.9	J
Nitrogen	70	56.5	J	280	56.5		90	56.5	J	ND	56.5	U	70	56.5	J
Residue, filterable	77000	5090		71000	5090		109000	5090		87000	5090		100000	5090	
Residue, non-filterable	11600	699		13400	388		7600	699		7600	699		6800	699	
Sulfate	12800	62		12400	62		13000	62		11900	62		13700	62	
Total Kjeldahl Nitrogen	70	56.5	J	280	56.5		90	56.5	J	ND	56.5	U	60	56.5	J

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Project: Current Landfill

	Well ID:088-23 Date:10/03/01 Depth: 125			Well ID:088-109 Date:01/24/01 Depth: 14			Well ID:088-109 Date:04/11/01 Depth: 14			Well ID:088-109 Date:06/26/01 Depth: 14			Well ID:088-109 Date:10/02/01 Depth: 14		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Alkalinity (as CaCO3)	25500	725		74100	725		16100	1450		12700	725		204000	725	
Ammonia (as N)	ND	23.5	U	700	23.5		ND	23.5	U	ND	23.5	U	7150	118	
Chloride	17100	25		14300	25		8750	25		9000	25		18700	25	
Cyanide	ND	2.89	U	ND	13.8	U				ND	2.76	U	ND	2.89	U
Nitrate (as N)	ND	10	U										ND	10	U
Nitrite (as N)	ND	9	U										ND	9	U
Nitrite + Nitrate-N				180	6.9		100	6.9		240	6.9				
Nitrogen	340	56.5		1230	56.5		200	56.5		270	56.5		6760	283	
Residue, filterable	91000	5090		133000	5090		81000	5090		83000	5090		291000	5090	
Residue, non-filterable	11400	360		5000	699		1000	699	J	ND	699	U	38600	350	
Sulfate	14100	62		25100	62		25500	62		21800	62		10600	62	
Total Kjeldahl Nitrogen	340	56.5		1050	56.5		100	56.5		ND	56.5	U	6750	283	

EM - 2001 Groundwater Data: Chemistry Parameters
Brookhaven National Laboratory
Project: Current Landfill

	Well ID:088-110 Date:01/24/01 Depth: 18			Well ID:088-110 Date:04/11/01 Depth: 18			Well ID:088-110 Date:06/26/01 Depth: 18			Well ID:088-110 Date:10/02/01 Depth: 18		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Alkalinity (as CaCO3)	192000	725	J	13100	1450		146000	725		166000	725	
Ammonia (as N)	6330	70.5		6950	118		5650	118		6000	118	
Chloride	42100	50	J	34500	50		28700	50		23200	50	
Cyanide	14.3	13.8	J				ND	2.76	U	ND	2.89	U
Nitrate (as N)										56	10	
Nitrite (as N)										ND	9	U
Nitrite + Nitrate-N	ND	6.9	U	10	6.9	J	10	6.9	J			
Nitrogen	8400	56.5	J	7360	56.5		4960	56.5		7410	283	
Residue, filterable	363000	5090	J	380000	5090		278000	5090		216000	5090	
Residue, non-filterable	38400	699		43700	1170		35400	699		47100	350	
Sulfate	15900	62		17100	62		14500	62		19600	62	
Total Kjeldahl Nitrogen	8400	283	J	7350	283		4950	283		7400	283	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: Current Landfill

	Well ID: 087-09 Date: 01/24/01 Depth: 29				Well ID: 087-09 Date: 04/10/01 Depth: 29				Well ID: 087-09 Date: 06/25/01 Depth: 29			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	14.4	8.75	U	<MDL	12.3	10.9	U	<MDL	14	10.7	U
Beryllium-7	<MDL	21.7	11.4	U	<MDL	28.5	16.5	U	<MDL	29.5	16.4	U
Cesium-134	<MDL	2.11	1.32	U	<MDL	2.65	1.82	U	<MDL	2.64	1.58	U
Cesium-137	<MDL	2.18	1.18	U	<MDL	3.21	1.73	U	<MDL	2.92	1.61	U
Co-60	<MDL	2.5	1.4	U	<MDL	3.24	1.75	U	<MDL	3.08	1.68	U
Cobalt-57	<MDL	1.93	1.11	U	<MDL	2.51	1.54	U	<MDL	2.54	1.49	U
Europium-152	<MDL	6.29	3.84	U	<MDL	8.6	4.91	U	<MDL	8.79	5.24	U
Europium-154	<MDL	7.42	4.04	U	<MDL	8.55	4.61	U	<MDL	9.5	4.61	U
Europium-155	<MDL	7.9	4.58	U	<MDL	10.3	6.31	U	<MDL	10.3	6.07	U
Gross Alpha	<MDL	.618	.322	UJ	<MDL	1.16	.771	UJ	<MDL	1.95	.655	UJ
Gross Beta	1.55	1.02	.64	J-N2	6.66	2.73	1.93	J	3.24	3.1	1.52	J-N2
Manganese-54	<MDL	2.17	1.26	U	<MDL	3.03	1.73	U	<MDL	2.65	1.4	U
Radium-226									.897	.491	.428	J-N2
Sodium-22	<MDL	2.66	1.45	U	<MDL	3.05	1.65	U	<MDL	3.41	1.66	U
Strontium-90	.556	.284	.183	J	.387	.359	.221	J-N2	.516	.501	.304	J-N2
Tritium	<MDL	408	220	U	<MDL	481	268	U	<MDL	353	210	U
Vanadium-48	<MDL	3.82	2.22	U	<MDL	5.22	2.95	U				
Zinc-65	<MDL	5.04	2.78	U	<MDL	6.1	3.47	U	<MDL	6.32	5.42	U

EM - 2001 Groundwater Data: Radionuclides
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Project: Current Landfill

	Well ID: 087-09 Date: 10/03/01 Depth: 29				Well ID: 087-11 Date: 01/24/01 Depth: 17				Well ID: 087-11 Date: 04/10/01 Depth: 16			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	6.23	5.4	U	<MDL	11.5	7.63	U	<MDL	18.9	12.9	U
Beryllium-7	<MDL	36.7	20.1	U	<MDL	27.7	15.7	U	<MDL	22	13	U
Cesium-134	<MDL	3.35	2.07	U	<MDL	2.58	1.82	U	<MDL	1.88	1.29	U
Cesium-137	<MDL	3.62	2.21	U	<MDL	2.93	1.72	U	<MDL	2.23	1.26	U
Co-60	<MDL	4.13	2.22	U	<MDL	2.95	1.57	U	<MDL	2.27	1.28	U
Cobalt-57	<MDL	2.44	1.37	U	<MDL	2.34	1.37	U	<MDL	2.21	1.3	U
Europium-152	<MDL	8.86	5.23	U	<MDL	8.15	6.65	U	<MDL	7.11	4.11	U
Europium-154	<MDL	9.94	5.54	U	<MDL	7.53	4.6	U	<MDL	6.14	3.48	U
Europium-155	<MDL	9.51	5.71	U	<MDL	10.1	5.83	U	<MDL	8.79	5.43	U
Gross Alpha	<MDL	2.21	.827	U-DL	<MDL	.813	.517	UJ	<MDL	1.09	.836	UJ
Gross Beta	<MDL	2.43	1.25	U	8.7	1.07	.863	J	9.34	2.2	1.81	
Manganese-54	<MDL	3.87	2.24	U	<MDL	2.78	1.54	U	<MDL	2.26	1.25	U
Radium-226												
Sodium-22	<MDL	3.56	1.99	U	<MDL	2.69	1.65	U	<MDL	2.2	1.25	U
Strontium-90	<MDL	.542	.281	U	.636	.355	.224	J	<MDL	.938	.567	UJ
Tritium	<MDL	284	166	U	691	406	263	J	2130	475	366	
Vanadium-48					<MDL	5.31	2.92	U	<MDL	3.89	2.2	U
Zinc-65	<MDL	7.67	4.63	U	<MDL	5.97	3.85	U	<MDL	4.97	2.7	U

EM - 2001 Groundwater Data: Radionuclides
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Project: Current Landfill

	Well ID: 087-11 Date: 06/26/01 Depth: 16				Well ID: 087-11 Date: 10/03/01 Depth: 16				Well ID: 087-23 Date: 01/24/01 Depth: 33			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	13.4	8.29	U	<MDL	8.19	7.32	U	<MDL	17.7	10.8	U
Beryllium-7	<MDL	23.7	14.1	U	<MDL	42.3	23.4	U	<MDL	20.1	9.54	U
Cesium-134	<MDL	2.42	1.47	U	<MDL	4.15	3.01	U	<MDL	2.17	1.25	U
Cesium-137	<MDL	2.73	1.58	U	<MDL	4.55	2.6	U	<MDL	2.34	1.35	U
Co-60	<MDL	2.74	1.43	U	<MDL	4.4	2.44	U	<MDL	2.38	1.11	U
Cobalt-57	<MDL	2.24	1.27	U	<MDL	2.97	1.74	U	<MDL	1.96	1.11	U
Europium-152	<MDL	7.46	4.45	U	<MDL	10.9	6.52	U	<MDL	6.59	3.81	U
Europium-154	<MDL	7.43	4.27	U	<MDL	12.5	7.18	U	<MDL	6.72	3.84	U
Europium-155	<MDL	9.23	5.2	U	<MDL	12.3	6.89	U	<MDL	8.29	4.67	U
Gross Alpha	<MDL	1.18	.487	U	<MDL	2.05	1.14	U-DL	<MDL	.963	.569	UJ
Gross Beta	9.27	2.5	1.37		7.88	2.46	1.67		3.12	1.68	.975	J
Manganese-54	<MDL	2.59	1.41	U	<MDL	4.93	2.54	U	<MDL	2.45	1.33	U
Radium-226	.593	.376	.328	J-N2								
Sodium-22	<MDL	2.68	1.54	U	<MDL	4.5	2.58	U	<MDL	2.4	1.37	U
Strontium-90	.722	.378	.24	J	<MDL	.657	.339	U	<MDL	.677	.334	U
Tritium	551	355	229	J-N2	2360	399	325		<MDL	383	231	U
Vanadium-48									<MDL	3.89	2.15	U
Zinc-65	<MDL	5.86	3.14	U	<MDL	8.82	6.96	U	<MDL	5.13	2.72	U

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Brookhaven National Laboratory
Project: Current Landfill

	Well ID: 087-23 Date: 04/12/01 Depth: 33				Well ID: 087-23 Date: 06/26/01 Depth: 33				Well ID: 087-23 Date: 10/03/01 Depth: 33			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	12.7	7.73	U	<MDL	17.4	9.66	U	<MDL	5.94	3.56	U
Beryllium-7	<MDL	18.6	10.6	U	<MDL	33.6	18.9	U	<MDL	31.4	17.9	U
Cesium-134	<MDL	2.18	1.4	U	<MDL	2.8	1.84	U	<MDL	3.29	1.88	U
Cesium-137	<MDL	2.48	1.39	U	<MDL	2.86	1.59	U	<MDL	3.74	2.09	U
Co-60	<MDL	2.68	1.4	U	<MDL	3.42	1.81	U	<MDL	3.7	1.8	U
Cobalt-57	<MDL	2.03	1.19	U	<MDL	2.68	1.55	U	<MDL	2.52	1.63	U
Europium-152	<MDL	6.36	4	U	<MDL	8.5	4.93	U	<MDL	8.96	5.67	U
Europium-154	<MDL	6.95	3.93	U	<MDL	8.7	4.28	U	<MDL	9.35	5.44	U
Europium-155	<MDL	9.19	5.09	U	<MDL	10.5	6.43	U	<MDL	9.37	5.86	U
Gross Alpha	<MDL	2.51	1.4	UJDL	<MDL	1.39	.725	U	<MDL	1.92	.845	U
Gross Beta	<MDL	4.89	2.87	UDL	3.46	2.54	1.34	J-N2	3.7	2.26	1.35	J
Manganese-54	<MDL	2.07	1.22	U	<MDL	3.24	1.69	U	<MDL	3.26	1.8	U
Radium-226					<MDL	.488	.325	U				
Sodium-22	<MDL	2.47	1.4	U	<MDL	3.14	1.54	U	<MDL	3.35	1.95	U
Strontium-90	.864	.583	.324	J-N2	<MDL	.294	.177	U	<MDL	.525	.267	UJ-T
Tritium	<MDL	488	265	U	<MDL	359	212	U	699	416	270	J
Vanadium-48	<MDL	2.63	2.39	U								
Zinc-65	<MDL	5.24	3.24	U	<MDL	6.19	4.36	U	<MDL	8.14	4.33	U

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Brookhaven National Laboratory
Project: Current Landfill

	Well ID: 087-24 Date: 01/24/01 Depth: 75				Well ID: 087-24 Date: 04/12/01 Depth: 75				Well ID: 087-24 Date: 06/26/01 Depth: 75			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	13.5	7.95	U	<MDL	16.4	9.46	U	<MDL	11.2	9.1	U
Beryllium-7	<MDL	20.8	12.6	U	<MDL	20.8	12.1	U	<MDL	35.5	20	U
Cesium-134	<MDL	2.24	2.18	U	<MDL	2.21	1.39	U	<MDL	2.63	1.97	U
Cesium-137	<MDL	2.56	1.4	U	<MDL	2.47	1.39	U	<MDL	5.76	3.53	UI
Co-60	<MDL	2.7	1.38	U	<MDL	2.4	1.28	U	<MDL	3.2	1.74	U
Cobalt-57	<MDL	2.28	1.33	U	<MDL	2.01	1.19	U	<MDL	2.66	1.81	U
Europium-152	<MDL	6.99	7.58	U	<MDL	7.07	4.37	U	<MDL	8.86	5.03	U
Europium-154	<MDL	7.73	4.03	U	<MDL	7.78	4.25	U	<MDL	7.92	4.67	U
Europium-155	<MDL	9.4	6.31	U	<MDL	9.07	5.12	U	<MDL	10.6	4.93	U
Gross Alpha	<MDL	1.03	.294	UJ	<MDL	1.97	1.02	UJ	<MDL	2.04	.699	U-DL
Gross Beta	<MDL	1.61	.825	UJ	<MDL	3.87	2.25	U	<MDL	2.78	1.2	U
Manganese-54	<MDL	2.3	1.5	U	<MDL	2.34	1.39	U	<MDL	3.21	1.86	U
Radium-226									.629	.591	.432	J-N2
									--	--	--	R
Sodium-22	<MDL	2.77	1.44	U	<MDL	2.78	1.52	U	<MDL	2.85	1.68	U
Strontium-90	<MDL	.69	.324	U	<MDL	.433	.195	UJ	<MDL	.377	.214	U
Tritium	631	412	264	J-N2	856	466	308	J	949	352	246	J
Vanadium-48	<MDL	3.92	2.36	U	<MDL	2.65	1.46	U				
Zinc-65	<MDL	5.52	3.07	U	<MDL	5.4	3.56	U	<MDL	5.87	3.62	U

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Brookhaven National Laboratory
Project: Current Landfill

	Well ID: 087-24 Date: 10/03/01 Depth: 75				Well ID: 087-26 Date: 01/24/01 Depth: 75				Well ID: 087-26 Date: 04/11/01 Depth: 75			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	17.1	9.64	U	<MDL	12	7.34	U	<MDL	5	3.3	U
Beryllium-7	<MDL	32.8	18	U	<MDL	19.6	11.7	U	<MDL	20.8	12.2	U
Cesium-134	<MDL	2.92	1.64	U	<MDL	2.19	1.45	U	<MDL	2.45	1.7	U
Cesium-137	<MDL	3.17	1.8	U	<MDL	2.19	1.83	U	<MDL	2.97	1.63	U
Co-60	<MDL	3.87	2.01	U	<MDL	2.5	1.41	U	<MDL	2.59	1.48	U
Cobalt-57	<MDL	3.01	1.67	U	<MDL	2.05	1.16	U	<MDL	1.9	1.09	U
Europium-152	<MDL	9.59	5	U	<MDL	6.57	3.97	U	<MDL	7.48	4.47	U
Europium-154	<MDL	10.9	5.88	U	<MDL	6.87	3.45	U	<MDL	7.48	4.64	U
Europium-155	<MDL	12.2	6.6	U	<MDL	7.88	4.69	U	<MDL	7.47	4.31	U
Gross Alpha	<MDL	1.35	.381	U	<MDL	1.16	.463	UJ	<MDL	1.03	.55	UJ
Gross Beta	<MDL	2.17	1.05	U	<MDL	1.72	.826	UJ	<MDL	2.73	1.62	UJ
Manganese-54	<MDL	3.4	1.78	U	<MDL	2.23	1.51	U	<MDL	2.7	1.58	U
Radium-226												
Sodium-22	<MDL	3.91	2.11	U	<MDL	2.32	1.24	U	<MDL	2.67	1.66	U
Strontium-90	<MDL	.478	.223	U	<MDL	.708	.31	U	<MDL	.253	.146	UJT
Tritium	987	430	291	J	<MDL	383	216	U	<MDL	485	270	U
Vanadium-48					<MDL	3.77	2.09	U	<MDL	3.72	2.21	U
Zinc-65	5.18	3.85	4.62	J-IN2	<MDL	5.12	2.94	U	<MDL	5.93	4.01	U

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Brookhaven National Laboratory
Project: Current Landfill

	Well ID: 087-26 Date: 06/26/01 Depth: 75				Well ID: 087-26 Date: 10/02/01 Depth: 75				Well ID: 087-27 Date: 01/24/01 Depth: 8			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	17.3	11.2	U	<MDL	7.8	7.18	U	<MDL	16.2	9.1	U
Beryllium-7	<MDL	24.7	15	U	<MDL	43.6	25.1	U	<MDL	22.5	12.6	U
Cesium-134	<MDL	1.93	1.11	U	<MDL	4.12	2.34	U	<MDL	2.23	1.37	U
Cesium-137	<MDL	2.25	1.25	U	<MDL	4.3	2.44	U	<MDL	2.72	1.41	U
Co-60	<MDL	2.52	1.3	U	<MDL	5.28	2.62	U	<MDL	2.74	1.51	U
Cobalt-57	<MDL	2.03	1.17	U	<MDL	2.99	1.77	U	<MDL	2.05	1.18	U
Europium-152	<MDL	5.99	3.74	U	<MDL	10.9	6.53	U	<MDL	7.03	4.22	U
Europium-154	<MDL	7.13	3.76	U	<MDL	14.9	9.04	U	<MDL	6.59	3.43	U
Europium-155	<MDL	8.81	4.95	U	<MDL	11.8	6.71	U	<MDL	8.82	5.44	U
Gross Alpha	<MDL	2.11	.748	U-DL	<MDL	1.39	.703	U	<MDL	.801	.443	UJ
Gross Beta	<MDL	2.99	1.21	U	<MDL	2.19	.996	U	10.6	1.67	1.31	J
Manganese-54	<MDL	2.18	1.36	U	<MDL	4.61	2.53	U	<MDL	2.29	1.59	U
Radium-226	<MDL	.424	.252	U								
Sodium-22	<MDL	2.57	1.35	U	<MDL	4.77	3.25	U	<MDL	2.36	1.23	U
Strontium-90	<MDL	.357	.209	U	<MDL	.596	.274	UJ-T	1.19	.561	.34	
Tritium	<MDL	347	211	U	<MDL	394	234	U	516	398	251	J-N2
Vanadium-48									<MDL	4.44	2.38	U
Zinc-65	<MDL	5.05	3.13	U	<MDL	9.54	5.53	U	<MDL	5.27	3.08	U

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Brookhaven National Laboratory
Project: Current Landfill

	Well ID: 087-27 Date: 04/11/01 Depth: 8				Well ID: 087-27 Date: 06/26/01 Depth: 13				Well ID: 087-27 Date: 10/02/01 Depth: 8			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	17.5	11.2	U	<MDL	20.1	11.4	U-DL	<MDL	6	3.49	U
Beryllium-7	<MDL	21	11.9	U	<MDL	36.8	19.3	U	<MDL	33.9	19.4	U
Cesium-134	<MDL	1.98	1.18	U	<MDL	3	1.8	U	<MDL	3.06	1.76	U
Cesium-137	<MDL	2.22	1.2	U	<MDL	3.01	1.59	U	<MDL	3.39	3.84	U
Co-60	<MDL	2.27	1.18	U	<MDL	3.08	2.19	U	<MDL	3.91	2	U
Cobalt-57	<MDL	2.04	1.17	U	<MDL	2.57	1.55	U	<MDL	2.47	1.59	U
Europium-152	<MDL	6.84	3.87	U	<MDL	8.24	5.38	U	<MDL	8.85	5.59	U
Europium-154	<MDL	6.85	3.77	U	<MDL	9.67	5.19	U	<MDL	9.85	5.3	U
Europium-155	<MDL	8.83	5.05	U	<MDL	11.1	6.41	U	<MDL	10.3	6.03	U
Gross Alpha	<MDL	1.91	1.07	UJ	<MDL	1.24	.591	U	<MDL	1.35	.816	U
Gross Beta	5.17	2.86	1.89	J	3.94	2.63	1.43	J-N2	7.77	1.31	.984	
Manganese-54	<MDL	2.03	1.2	U	<MDL	2.92	1.68	U	<MDL	3.48	1.93	U
Radium-226					<MDL	.391	.256	U				
Sodium-22	<MDL	2.44	1.35	U	<MDL	3.61	1.87	U	<MDL	3.53	1.9	U
Strontium-90	.641	.238	.158	J	.476	.339	.211	J-N2	1.27	.586	.34	
Tritium	635	483	307	J-N2	<MDL	348	214	U	2080	390	315	
Vanadium-48	<MDL	3.21	1.73	U								
Zinc-65	<MDL	4.43	3	U	<MDL	6.51	3.64	U	<MDL	8.93	4.78	U

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Project: Current Landfill

	Well ID: 088-21 Date: 01/24/01 Depth: 13				Well ID: 088-21 Date: 04/10/01 Depth: 13				Well ID: 088-21 Date: 06/25/01 Depth: 13			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	4.37	3.13	U	<MDL	5.06	3.2	U	<MDL	20.1	12.7	U-DL
Beryllium-7	<MDL	22	13.1	U	<MDL	24.7	13.8	U	<MDL	27.9	17.3	U
Cesium-134	<MDL	2.31	1.6	U	<MDL	2.62	1.75	U	<MDL	2.53	1.92	U
Cesium-137	<MDL	2.46	1.51	U	<MDL	3.09	1.73	U	<MDL	2.99	1.61	U
Co-60	<MDL	2.7	1.67	U	<MDL	3.08	1.68	U	<MDL	3.45	1.95	U
Cobalt-57	<MDL	1.64	.972	U	<MDL	1.83	1.07	U	<MDL	2.68	1.55	U
Europium-152	<MDL	6.52	3.54	U	<MDL	7.62	4.46	U	<MDL	9.59	5.41	U
Europium-154	<MDL	6.89	4.04	U	<MDL	7.64	4.6	U	<MDL	10.5	5.6	U
Europium-155	<MDL	6.56	3.98	U	<MDL	7.74	4.48	U	<MDL	12	6.72	U
Gross Alpha	.591	.446	.317	J-N2	<MDL	1.07	.762	UJ	<MDL	1.81	.658	UJ
Gross Beta	7.42	.925	.746	J	11.4	2.99	2.21	J	18.4	3.14	2.48	J
Manganese-54	<MDL	2.31	1.34	U	<MDL	2.79	1.78	U	<MDL	3.02	1.74	U
Radium-226									<MDL	.504	.367	U
									--	--	--	R
Sodium-22	<MDL	2.47	1.44	U	<MDL	2.73	1.65	U	<MDL	3.78	2.01	U
Strontium-90	2.36	.258	.216	J-D	4.67	.364	.333		2.11	.274	.222	
Tritium	614	384	248	J-N2	<MDL	486	293	U	2020	349	286	
Vanadium-48	<MDL	4.21	2.57	U	<MDL	4.83	2.92	U				
Zinc-65	<MDL	5.29	3.5	U	<MDL	6.14	3.66	U	<MDL	7.25	4.61	U

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	Well ID: 088-21 Date: 10/03/01 Depth: 13				Well ID: 088-22 Date: 01/24/01 Depth: 75				Well ID: 088-22 Date: 04/10/01 Depth: 75			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	20.1	14.6	U-DL	<MDL	16.6	11.2	U	<MDL	17.4	10.3	U
Beryllium-7	<MDL	26.8	16.6	U	<MDL	16.4	9.8	U	<MDL	17.9	9.83	U
Cesium-134	<MDL	2.83	1.79	U	<MDL	1.68	.915	U	<MDL	1.76	1.2	U
Cesium-137	<MDL	3.18	1.81	U	<MDL	1.72	2.68	U	4.42	2.86	1.49	J-I
Co-60	<MDL	3.08	1.83	U	<MDL	1.88	1.7	U	<MDL	2.1	1.11	U
Cobalt-57	<MDL	2.73	1.72	U	<MDL	1.56	.884	U	<MDL	1.73	.991	U
Europium-152	<MDL	8.84	5.05	U	<MDL	4.78	3.05	U	<MDL	5.59	3.31	U
Europium-154	<MDL	8.12	4.92	U	<MDL	5.37	3.04	U	<MDL	5.43	3.16	U
Europium-155	<MDL	10.9	7.21	U	<MDL	6.63	3.8	U	<MDL	7.24	3.99	U
Gross Alpha	<MDL	1.52	.722	U	<MDL	.673	.362	UJ	<MDL	2.27	1.5	UJ
Gross Beta	7.23	2.11	1.57		1.25	1.02	.629	J-N2	12.8	3.43	2.48	J
Manganese-54	<MDL	2.83	1.45	U	<MDL	1.64	.992	U	<MDL	1.98	1.14	U
Radium-226												
Sodium-22	<MDL	2.92	1.82	U	<MDL	1.92	1.09	U	<MDL	1.94	1.13	U
Strontium-90	2.53	.51	.377	J-T	.292	.259	.161	J-N2	<MDL	.343	.207	UJT
Tritium	1780	304	231		<MDL	414	229	U	<MDL	480	280	U
Vanadium-48					<MDL	2.9	1.62	U	<MDL	3.35	2.04	U
Zinc-65	<MDL	6.25	3.48	U	<MDL	3.94	2.41	U	<MDL	3.78	2.54	U

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	Well ID: 088-22 Date: 06/25/01 Depth: 75				Well ID: 088-22 Date: 10/03/01 Depth: 75				Well ID: 088-23 Date: 01/24/01 Depth: 125			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	19.7	16.8	U	<MDL	17.4	9.87	U	<MDL	16.5	9.28	U
Beryllium-7	<MDL	28.4	17.2	U	<MDL	31.1	27.7	U	<MDL	21.5	12.2	U
Cesium-134	<MDL	2.46	1.56	U	<MDL	2.81	1.82	U	<MDL	2.23	1.25	U
Cesium-137	<MDL	2.63	1.45	U	<MDL	3.65	1.91	U	<MDL	2.55	1.49	U
Co-60	<MDL	2.92	1.55	U	<MDL	4.36	2.14	U	<MDL	2.87	1.52	U
Cobalt-57	<MDL	2.57	1.51	U	<MDL	2.78	1.6	U	<MDL	2.1	1.22	U
Europium-152	<MDL	8.43	4.95	U	<MDL	9.18	4.97	U	<MDL	7.33	4.3	U
Europium-154	<MDL	8.04	4.59	U	<MDL	11.5	10.6	U	<MDL	7.33	4.14	U
Europium-155	<MDL	10.9	6.23	U	<MDL	11.5	6.59	U	<MDL	8.8	4.94	U
Gross Alpha	<MDL	1.94	.891	UJ	<MDL	1.78	.642	U	<MDL	.385	.223	UJ
Gross Beta	6.15	3.28	1.79	J	2.85	2.29	1.25	J	<MDL	.966	.583	UJ
Manganese-54	<MDL	2.61	1.48	U	<MDL	3.68	2.07	U	<MDL	2.32	1.33	U
Radium-226	<MDL	.335	.322	U								
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Sodium-22	<MDL	2.89	1.61	U	<MDL	3.37	3.8	U	<MDL	2.62	1.48	U
Strontium-90	<MDL	.374	.217	UJ-T	<MDL	.625	.288	UJ-T	<MDL	.314	.178	U
Tritium	<MDL	346	204	U	<MDL	279	167	U	<MDL	401	245	U
Vanadium-48									<MDL	4.47	2.48	U
Zinc-65	<MDL	6.01	3.11	U	<MDL	7.57	4.22	U	<MDL	5.02	2.71	U

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Project: Current Landfill

	Well ID: 088-23 Date: 04/10/01 Depth: 125				Well ID: 088-23 Date: 06/25/01 Depth: 125				Well ID: 088-23 Date: 10/03/01 Depth: 125			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	10.9	9.17	U	18.1	14.7	18.9	J-IN2	<MDL	5.96	3.56	U
Beryllium-7	<MDL	22.1	12.1	U	<MDL	29.7	16.2	U	<MDL	31.4	16.9	U
Cesium-134	<MDL	2.14	1.25	U	<MDL	2.69	1.74	U	<MDL	2.97	1.69	U
Cesium-137	<MDL	2.2	1.25	U	<MDL	2.8	1.6	U	<MDL	3.42	2	U
Co-60	<MDL	2.5	1.31	U	<MDL	2.91	1.57	U	<MDL	3.92	2.16	U
Cobalt-57	<MDL	1.87	1.13	U	<MDL	2.51	1.45	U	<MDL	2.43	1.49	U
Europium-152	<MDL	5.73	3.4	U	<MDL	8.51	4.78	U	<MDL	8.68	5.25	U
Europium-154	<MDL	5.84	3.45	U	<MDL	10.3	5.12	U	<MDL	11	5.91	U
Europium-155	<MDL	7.96	4.65	U	<MDL	10.3	6.06	U	<MDL	10.1	6.09	U
Gross Alpha	<MDL	2.03	1.1	UJ	<MDL	1.94	.717	UJ	<MDL	1.67	.642	U
Gross Beta	<MDL	3.48	2.01	UJ	<MDL	3.28	1.32	UJ	<MDL	2.25	.937	U
Manganese-54	<MDL	2.13	2.21	U	<MDL	2.49	1.35	U	<MDL	3.41	1.94	U
Radium-226					<MDL	.457	.43	U				
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Sodium-22	<MDL	2.1	1.24	U	<MDL	3.44	1.84	U	<MDL	3.95	2.12	U
Strontium-90	<MDL	.337	.202	UJ	<MDL	.385	.22	UJ-T	<MDL	.646	.296	UJ-T
Tritium					<MDL	343	207	U	<MDL	291	173	U
Vanadium-48	5.02	4.53	4.8	J-IN2								
Zinc-65	<MDL	4.06	3.68	U	<MDL	6.62	3.75	U	<MDL	8.24	4.26	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: Current Landfill

	Well ID: 088-109 Date: 01/24/01 Depth: 14				Well ID: 088-109 Date: 04/11/01 Depth: 14				Well ID: 088-109 Date: 06/26/01 Depth: 14			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	12.1	8.92	U	<MDL	14.9	8.58	U	<MDL	16.4	10.2	U
Beryllium-7	<MDL	22.1	12.1	U	<MDL	20.5	11.9	U	<MDL	21	11.6	U
Cesium-134	<MDL	2.13	1.92	U	<MDL	2.02	1.41	U	<MDL	1.69	1.11	U
Cesium-137	<MDL	2.31	1.35	U	<MDL	2.48	1.6	U	4.95	2.77	1.41	J-I
Co-60	<MDL	2.77	1.49	U	<MDL	2.65	1.59	U	<MDL	2.24	1.14	U
Cobalt-57	<MDL	2.01	1.17	U	<MDL	2.31	1.33	U	<MDL	1.76	.999	U
Europium-152	<MDL	7.12	4.19	U	<MDL	7.07	4.05	U	<MDL	5.85	3.41	U
Europium-154	<MDL	6.58	3.76	U	<MDL	7.38	4.15	U	<MDL	5.44	3.03	U
Europium-155	<MDL	8.74	4.96	U	<MDL	9.51	5.49	U	<MDL	7.66	4.24	U
Gross Alpha	.713	.511	.36	J-N2	<MDL	2.13	1.12	UJDL	<MDL	1.84	.654	U
Gross Beta	1.73	1.12	.703	J-N2	<MDL	3.26	1.94	UJ	<MDL	3.08	1.45	U
Manganese-54	<MDL	2.29	1.36	U	<MDL	2.46	1.37	U	<MDL	1.87	1.06	U
Radium-226									<MDL	.483	.273	U
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Sodium-22	<MDL	2.35	1.35	U	<MDL	2.63	1.48	U	<MDL	1.96	1.09	U
Strontium-90	<MDL	.464	.281	UJ-T	<MDL	.326	.198	UJT	<MDL	.313	.19	U
Tritium	<MDL	409	245	U	<MDL	472	272	U	<MDL	355	212	U
Vanadium-48	<MDL	4.02	2.4	U	<MDL	3.75	2.01	U				
Zinc-65	<MDL	4.49	2.76	U	<MDL	5.08	3.27	U	<MDL	4.16	2.63	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: Current Landfill

	Well ID: 088-109 Date: 10/02/01 Depth: 14				Well ID: 088-110 Date: 01/24/01 Depth: 18				Well ID: 088-110 Date: 04/11/01 Depth: 18			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	5.99	3.52	U	<MDL	13.5	9.18	U	<MDL	15.2	9.09	U
Beryllium-7	<MDL	35.2	19.3	U	<MDL	19.5	11.1	U	<MDL	20.9	11.8	U
Cesium-134	<MDL	3.27	1.94	U	<MDL	1.85	1.25	U	<MDL	2.15	1.39	U
Cesium-137	<MDL	3.24	1.92	U	<MDL	2.49	1.54	U	<MDL	2.39	1.4	U
Co-60	<MDL	4.05	2.12	U	<MDL	2.55	1.27	U	<MDL	2.38	1.27	U
Cobalt-57	<MDL	2.5	1.52	U	<MDL	1.85	1.1	U	<MDL	2	1.15	U
Europium-152	<MDL	9.63	5.48	U	<MDL	6.29	3.66	U	<MDL	7.21	4.51	U
Europium-154	<MDL	9.59	5.58	U	<MDL	6.15	3.35	U	<MDL	7.75	4.22	U
Europium-155	<MDL	9.78	6.12	U	<MDL	7.55	4.5	U	<MDL	9.04	5.21	U
Gross Alpha	<MDL	2.01	1.16	U-DL	<MDL	1.12	.637	UJ	<MDL	1.69	.899	UJ
Gross Beta	15.3	2.4	1.85		11.7	1.65	1.35	J	13.4	3.05	2.34	J
Manganese-54	<MDL	3.03	2.07	U	<MDL	2.07	1.42	U	<MDL	1.95	1.33	U
Radium-226												
Sodium-22	<MDL	3.45	2	U	<MDL	2.2	1.2	U	<MDL	2.77	1.5	U
Strontium-90	.607	.466	.254	J	1.45	.665	.406		<MDL	.369	.219	UJT
Tritium	616	402	260	J	<MDL	387	234	U	646	487	310	J-N2
Vanadium-48					<MDL	3.79	2.15	U	<MDL	3.1	1.93	U
Zinc-65	<MDL	7.41	4.03	U	<MDL	4.54	2.78	U	<MDL	4.25	2.71	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: Current Landfill

	Well ID: 088-110 Date: 06/26/01 Depth: 18				Well ID: 088-110 Date: 10/02/01 Depth: 18			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	17.7	11.8	U	<MDL	15.8	9.28	U
Beryllium-7	<MDL	26.2	14.9	U	<MDL	33	17.5	U
Cesium-134	<MDL	2.08	1.3	U	<MDL	2.69	1.13	U
Cesium-137	<MDL	2.39	1.37	U	<MDL	2.94	1.66	U
Co-60	<MDL	2.48	1.34	U	<MDL	3.36	1.83	U
Cobalt-57	<MDL	2.16	1.28	U	<MDL	2.4	1.39	U
Europium-152	<MDL	6.62	3.79	U	<MDL	8.17	5.48	U
Europium-154	<MDL	7.28	3.82	U	<MDL	10.5	5.44	U
Europium-155	<MDL	8.72	5.18	U	<MDL	10.5	5.99	U
Gross Alpha	<MDL	2.36	.838	U-DL	<MDL	2.52	1.2	U-DL
Gross Beta	12.1	2.44	1.83		12.6	3.02	2.07	
Manganese-54	<MDL	2.23	1.33	U	<MDL	3.05	1.77	U
Radium-226	<MDL	.415	.301	U				
Sodium-22	<MDL	2.62	1.38	U	<MDL	3.79	1.96	U
Strontium-90	.833	.3	.202		.861	.414	.25	
Tritium	468	351	223	J-N2	679	401	262	J
Vanadium-48								
Zinc-65	<MDL	4.72	2.95	U	<MDL	6.18	3.71	U

OU I (SOUTH BOUNDARY)

ANALYTICAL RESULTS

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:000-124 Date:01/18/01 Depth: 120			Well ID:000-124 Date:04/25/01 Depth: 120			Well ID:000-124 Date:07/23/01 Depth: 120		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	73.7	.5		59.1	.5		42.2	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	.28	.5	J	.26	.5	J	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	21.9	.5		18.3	.5		14.2	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	.29	.5	J	.27	.5	J
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	13.7	.5		14.4	.5		13.1	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	1.1	.5		1.2	.5		1.3	.5	
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	9.1	.5		7.8	.5		6.7	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	119.78	0		101.35	0		77.77	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:000-124 Date:11/19/01 Depth: 120			Well ID:000-137 Date:01/18/01 Depth: 103			Well ID:000-137 Date:04/25/01 Depth: 108		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	45.2	.5		2.9	.5		.26	.5	J
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	15	.5		.51	.5		ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	.73	.5		ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	23.6	.5		.88	.5		.6	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	2.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	1.8	.5		1.2	.5		ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	7.6	.5		1.1	.5		ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	93.93	0		6.59	0		.86	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:000-137 Date:07/20/01 Depth: 108			Well ID:000-137 Date:11/19/01 Depth: 108			Well ID:000-138 Date:01/18/01 Depth: 168		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	2.4	.5		3.9	.5		7.3	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	7.1	.5	
1,1-Dichloroethylene	.37	.5	J	.65	.5		2.2	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.85	.5		1.1	.5		1.4	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	.8	.5	
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	2.2	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	.57	.5		1.1	.5		ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.66	.5		1.2	.5		1.5	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	4.85	0		7.95	0		20.3	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:000-138 Date:04/25/01 Depth: 168			Well ID:000-138 Date:07/20/01 Depth: 168			Well ID:000-138 Date:11/19/01 Depth: 168		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	13.7	.5		19.6	.5		23.7	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	2.3	.5		1.9	.5		2.1	.5	
1,1-Dichloroethylene	2.9	.5		4.1	.5		5.9	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	.65	.5		1.1	.5		1.4	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	2.9	.5		3.9	.5		4.5	.5	
cis-1,2-Dichloroethylene	.31	.5	J	ND	.5	U	.28	.5	J
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	2.4	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	.28	.5	JB	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	.29	.5	J
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	1.4	.5		1.4	.5		2	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	24.16	0		32	0		40.17	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:077-02 Date:01/04/01 Depth: 36			Well ID:077-02 Date:04/17/01 Depth: 36			Well ID:077-02 Date:07/19/01 Depth: 36		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.35	.5	J	.66	.5		.62	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	1.2	.5	
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	.34	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.35	0		.66	0		2.16	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:077-02 Date:11/14/01 Depth: 36			Well ID:087-21 Date:01/04/01 Depth: 130			Well ID:087-21 Date:04/17/01 Depth: 130		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.63	.5		.78	.5		.8	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	3.3	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.63	0		.78	0		.8	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:087-21 Date:07/12/01 Depth: 130			Well ID:087-21 Date:11/14/01 Depth: 130			Well ID:088-13 Date:01/04/01 Depth: 13		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.52	.5		.34	.5	J	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.77	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.52	0		.34	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:088-13 Date:04/17/01 Depth: 13			Well ID:088-13 Date:07/12/01 Depth: 13			Well ID:088-13 Date:11/08/01 Depth: 13		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		0	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:088-14 Date:01/04/01 Depth: 80			Well ID:088-14 Date:04/17/01 Depth: 80			Well ID:088-14 Date:07/12/01 Depth: 80		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		0	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:088-14 Date:11/08/01 Depth: 80			Well ID:088-20 Date:01/04/01 Depth: 135			Well ID:088-20 Date:04/17/01 Depth: 125		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	.32	.5	J	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.43	.5	J	1.5	.5		1.4	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.43	0		1.82	0		1.4	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:088-20 Date:07/12/01 Depth: 125			Well ID:088-20 Date:11/08/01 Depth: 125			Well ID:088-26 Date:01/17/01 Depth: 18		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	.26	.5	J	.97	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.8	.5		2.2	.5		ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	2	.5	
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.8	0		2.46	0		2.97	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:088-26 Date:05/03/01 Depth: 18			Well ID:088-26 Date:07/20/01 Depth: 18			Well ID:088-26 Date:11/26/01 Depth: 18		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	3.2	.5		3.2	.5		.91	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	.3	.5	J	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	3.2	.5		4	.5		2	.5	
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	6.4	0		7.5	0		2.91	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:098-19 Date:01/04/01 Depth: 49			Well ID:098-19 Date:04/24/01 Depth: 46			Well ID:098-19 Date:07/12/01 Depth: 45		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.5	.5		2	.5		2.5	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	2.3	.5	
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	.4	.5	J	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.5	0		2.4	0		4.8	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:098-19 Date:11/13/01 Depth: 46			Well ID:098-21 Date:01/04/01 Depth: 34			Well ID:098-21 Date:04/24/01 Depth: 29		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	3.2	.5		4.3	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.8	.5		.29	.5	J	.52	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	1.6	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	2.8	.5		4.5	.5	
Toluene	ND	.5	U	ND	.5	U	.58	.5	
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.8	0		6.29	0		9.9	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:098-21 Date:07/12/01 Depth: 29			Well ID:098-21 Date:11/08/01 Depth: 29			Well ID:098-22 Date:01/17/01 Depth: 39		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	2.7	.5		1.7	.5		ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	.31	.5	J	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.42	.5	J	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	2.6	.5		1.2	.5		ND	.5	U
Toluene	.54	.5		ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	6.57	0		3.23	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:098-22 Date:05/03/01 Depth: 39			Well ID:098-22 Date:07/20/01 Depth: 39			Well ID:098-22 Date:11/26/01 Depth: 39		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	.29	.5	J	.33	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		.29	0		.33	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:098-30 Date:01/17/01 Depth: 38			Well ID:098-30 Date:04/30/01 Depth: 38			Well ID:098-30 Date:07/19/01 Depth: 38		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.84	.5		.38	.5	J	.37	.5	J
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	.3	.5	J	.34	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.62	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	6.3	.5		3.8	.5		3.6	.5	
Toluene	ND	.5	U	ND	.5	U	.27	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	1.1	.5		ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	8.24	0		4.48	0		4.58	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:098-30 Date:11/19/01 Depth: 38			Well ID:098-33 Date:01/09/01 Depth: 70			Well ID:098-33 Date:04/17/01 Depth: 70		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.36	.5	J	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	2.2	U	ND	.5	U	ND	.65	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	3.6	.5		ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	3.96	0		0	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:098-33 Date:07/11/01 Depth: 70			Well ID:098-33 Date:11/19/01 Depth: 70			Well ID:098-58 Date:01/08/01 Depth: 95		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	.59	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	.58	.5	
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	.56	.5	
Chloroform	ND	.5	U	ND	.5	U	1.1	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	2.4	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	.33	.5	J	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.33	0		0	0		2.83	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:098-58 Date:04/25/01 Depth: 95			Well ID:098-58 Date:07/18/01 Depth: 95			Well ID:098-58 Date:11/16/01 Depth: 95		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.65	.5		.58	.5		.47	.5	J
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	.32	.5	J	.37	.5	J	.33	.5	J
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.4	.5		1.4	.5		1.3	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.82	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	.32	.5	J	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	2.37	0		2.67	0		2.1	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:098-59 Date:01/09/01 Depth: 135			Well ID:098-59 Date:04/25/01 Depth: 135			Well ID:098-59 Date:07/18/01 Depth: 135		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	41	1	D	51.2	.5		52	.5	
1,1-Dichloroethylene	.47	.5	J	.64	.5		ND	.73	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	.34	.5	J	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	.72	1	JD	.78	.5		.71	.5	
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	113	1	D	146	1	D	181	2.5	D
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	2.2	1	D	3.5	.5		3.7	.5	
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.86	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.7	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	.35	.5	J	ND	.5	U	.45	.5	J
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.36	.5	J	.44	.5	J	.43	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	1.4	1	D	.73	.5		.78	.5	
TVOC	162.99	0		203.29	0		239.07	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:098-59 Date:11/16/01 Depth: 135			Well ID:098-61 Date:01/08/01 Depth: 125			Well ID:098-61 Date:04/24/01 Depth: 125		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	.52	.5		.5	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	48.3	.5		ND	.5	U	ND	.5	U
1,1-Dichloroethylene	.72	.5		ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	.26	.5	J	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	.7	.5		ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	143	1	D	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	1.2	.5		1.4	.5	
cis-1,2-Dichloroethylene	3.8	.5		ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	2.4	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	.56	.5	
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.44	.5	J	.43	.5	J	.4	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	.82	.5		ND	.5	U	ND	.5	U
TVOC	198.04	0		2.15	0		2.86	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:098-61 Date:07/13/01 Depth: 125			Well ID:098-61 Date:11/19/01 Depth: 125			Well ID:098-62 Date:01/08/01 Depth: 110		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.43	.5	J	.59	.5		.77	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.3	.5		1.6	.5		1.5	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	1.8	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	.29	.5	J	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.36	.5	J	.44	.5	J	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	2.09	0		2.92	0		2.27	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:098-62 Date:04/26/01 Depth: 110			Well ID:098-62 Date:07/13/01 Depth: 110			Well ID:098-62 Date:11/13/01 Depth: 110		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.71	.5		.72	.5		.81	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	.27	.5	J
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.4	.5		1.2	.5		1.4	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	2	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	2.48	0		1.92	0		2.48	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:098-63 Date:01/08/01 Depth: 140			Well ID:098-63 Date:04/26/01 Depth: 140			Well ID:098-63 Date:07/13/01 Depth: 140		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.52	.5		.53	.5		.46	.5	J
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.89	.5		1	.5		.95	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.52	.5		.54	.5		.5	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.93	0		2.07	0		1.91	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:098-63 Date:11/13/01 Depth: 140			Well ID:099-04 Date:01/09/01 Depth: 120			Well ID:099-04 Date:04/17/01 Depth: 120		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.51	.5		.47	.5	J	.49	.5	J
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	.39	.5	J	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1	.5		1.1	.5		1.1	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	1.8	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.5	.5		.49	.5	J	.49	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	2.01	0		2.45	0		2.08	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:099-04 Date:07/11/01 Depth: 120			Well ID:099-04 Date:11/08/01 Depth: 120			Well ID:107-10 Date:01/09/01 Depth: 120		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.49	.5	J	.53	.5		.45	.5	J
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	2.8	.5	
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.2	.5		1.5	.5		1.4	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	2.2	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.46	.5	J	.51	.5		.3	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	2.15	0		2.54	0		4.95	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:107-10 Date:04/25/01 Depth: 120			Well ID:107-10 Date:07/11/01 Depth: 120			Well ID:107-10 Date:11/13/01 Depth: 120		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.44	.5	J	.5	.5		.48	.5	J
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	1.4	.5		1.1	.5		.5	.5	
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.4	.5		1.6	.5		1.2	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	.76	.5		ND	1.1	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.28	.5	J	.31	.5	J	.4	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	3.52	0		4.27	0		2.58	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:107-23 Date:01/09/01 Depth: 120			Well ID:107-23 Date:04/18/01 Depth: 120			Well ID:107-23 Date:07/11/01 Depth: 120		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	1.4	.5		1.9	.5		1.4	.5	
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	.32	.5	J	.72	.5		.39	.5	J
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	1.6	.5		4.8	.5		2.9	.5	
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	.26	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	.59	.5		ND	.5	U
TVOC	3.32	0		8.01	0		4.95	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:107-23 Date:11/13/01 Depth: 120			Well ID:107-24 Date:01/09/01 Depth: 78			Well ID:107-24 Date:04/18/01 Depth: 78		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	1.4	.5		1.8	.5		1.6	.5	
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	.5	.5		.61	.5		.44	.5	J
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	2.6	.5		6.3	.5		4.9	.5	
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	1.2	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	.36	.5	J	.26	.5	J
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	4.5	0		10.15	0		8.24	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:107-24 Date:07/19/01 Depth: 78			Well ID:107-24 Date:11/09/01 Depth: 78			Well ID:107-25 Date:01/09/01 Depth: 118		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	.45	.5	J
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	1.9	.5		2.4	.5		4	.5	
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	.47	.5	J	.69	.5		ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	.3	.5	J	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	7.5	.5		8.7	.5		2.7	.5	
Chloroform	ND	.5	U	ND	.5	U	.79	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.54	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	.31	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	9.87	0		12.09	0		8.25	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:107-25 Date:04/18/01 Depth: 118			Well ID:107-25 Date:07/11/01 Depth: 118			Well ID:107-25 Date:11/09/01 Depth: 118		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.47	.5	J	.36	.5	J	.34	.5	J
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	4.7	.5		3.3	.5		3.4	.5	
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	.4	.5	J	.6	.5	
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	2.9	.5		3.7	.5		3.4	.5	
Chloroform	.77	.5		.5	.5		.46	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.34	.5	J	.32	.5	J	.29	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	9.18	0		8.58	0		8.49	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:107-26 Date:01/11/01 Depth: 140			Well ID:107-26 Date:04/25/01 Depth: 140			Well ID:107-26 Date:07/19/01 Depth: 140		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	4.4	.5	J	3	.5		2.8	.5	
1,1,2,2-Tetrachloroethane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,1-Dichloroethane	30.8	.5	J	22	.5		22.2	.5	
1,1-Dichloroethylene	1.3	.5	J	.86	.5		.81	.5	
1,1-Dichloropropene	ND	.5	UJ	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	UJ	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,2-Dichloropropane	.84	.5	J	.61	.5		.57	.5	
1,3-Dichloropropane	ND	.5	UJ	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	UJ	ND	.5	U	ND	.5	U
Benzene	ND	.5	UJ	.39	.5	J	.36	.5	J
Benzene, 1,2,4-trimethyl	ND	.5	UJ	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	UJ	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	UJ	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	UJ	ND	.5	U	ND	.5	U
Bromoform	ND	.5	UJ	ND	.5	U	ND	.5	U
Carbon tetrachloride	.69	.5	J	.6	.5		.55	.5	
Chlorobenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	UJ	ND	.5	U	ND	.5	U
Chloroethane	8.3	.5	J	7	.5		7.2	.5	
Chloroform	1.9	.5	J	1.9	.5		1.8	.5	
cis-1,2-Dichloroethylene	1.7	.5	J	.78	.5		.74	.5	
cis-1,3-Dichloropropene	ND	.5	UJ	ND	.5	U	ND	.5	U
Cymene	ND	.5	UJ	ND	.5	U	ND	.5	U
DBCP	ND	.5	UJ	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	UJ	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	UJ	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	UJ	ND	.5	U	ND	.5	U
EDB	ND	.5	UJ	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	UJ	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	UJ	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	UJ	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	UJ	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	UJ	ND	.61	U	.59	.5	
n-Butylbenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	UJ	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	UJ	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	UJ	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Styrene	ND	.5	UJ	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Tetrachloroethylene	.85	.5	J	.91	.5		.93	.5	
Toluene	ND	.5	UJ	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	UJ	ND	.5	U	ND	.5	U
Trichloroethylene	1.1	.5	J	1.1	.5		1	.5	
Trichlorofluoromethane	1.3	.5	J	ND	.5	U	ND	.5	U
Vinyl chloride	.63	.5	J	.41	.5	J	.4	.5	J
TVOC	53.81	0		39.56	0		39.95	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:107-26 Date:11/16/01 Depth: 140			Well ID:108-08 Date:01/09/01 Depth: 61			Well ID:108-08 Date:04/24/01 Depth: 61		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	2.9	.5		ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	19.2	.5		ND	.5	U	ND	.5	U
1,1-Dichloroethylene	.87	.5		ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	.5	.5		ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	.42	.5	J	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	.55	.5		ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	6.2	.5		ND	.5	U	ND	.5	U
Chloroform	1.8	.5		.6	.5		1	.5	
cis-1,2-Dichloroethylene	.82	.5		ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	1	.5		1.5	.5		.7	.5	
Toluene	ND	.5	U	ND	.5	U	.64	.5	
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	1	.5		ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	.41	.5	J	ND	.5	U	ND	.5	U
TVOC	35.67	0		2.1	0		2.34	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:108-08 Date:07/11/01 Depth: 61			Well ID:108-08 Date:11/13/01 Depth: 66			Well ID:108-12 Date:01/12/01 Depth: 68		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.1	.5		.75	.5		ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	.37	.5	J	ND	1.5	U	.75	.5	
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	.57	.5		.5	.5		ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	2.04	0		1.25	0		.75	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:108-12 Date:04/16/01 Depth: 68			Well ID:108-12 Date:07/18/01 Depth: 68			Well ID:108-12 Date:11/09/01 Depth: 68		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	2.4	.5		2.6	.5		3.6	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	.38	.5	J
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	1.5	.5		1.5	.5		1.8	.5	
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.87	.5		.9	.5		1.1	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	1.2	.5		1.4	.5		1.5	.5	
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	.26	.5	J	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	2.4	.5		2.5	.5		3.1	.5	
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.38	.5	J	.46	.5	J	.58	.5	
Trichlorofluoromethane	10.2	.5		20.4	.5		24.3	.5	
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	18.95	0		30.02	0		36.36	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:108-13 Date:01/12/01 Depth: 55			Well ID:108-13 Date:04/16/01 Depth: 55			Well ID:108-13 Date:07/12/01 Depth: 55		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	.29	.5	J	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	.48	.5	J	.71	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	1.4	.5		ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	.28	.5	J	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	1.3	.5		ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.4	0		2.35	0		.71	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:108-13 Date:11/09/01 Depth: 55			Well ID:108-14 Date:01/12/01 Depth: 95			Well ID:108-14 Date:04/16/01 Depth: 95		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	.69	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	6.2	.5	
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	.34	.5	J
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	1.1	.5	
Chloroform	.97	.5		ND	.5	U	1	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	.34	.5	J	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	.27	.5	J
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	.38	.5	J
Trichlorofluoromethane	1.8	.5		ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	2.77	0		.34	0		9.98	0	

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Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:108-14 Date:07/18/01 Depth: 95			Well ID:108-14 Date:11/09/01 Depth: 95			Well ID:108-17 Date:01/12/01 Depth: 75		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.32	.5	J	.37	.5	J	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	.55	.5		ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.99	.5		1.4	.5		ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	.26	.5	J	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.25	.5	J	.26	.5	J	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	2.37	0		2.03	0		0	0	

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Project: OU I (South Boundary)

	Well ID:108-17 Date:04/16/01 Depth: 75			Well ID:108-17 Date:07/18/01 Depth: 75			Well ID:108-17 Date:11/09/01 Depth: 75		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.46	.5	J	.53	.5		.57	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	.28	.5	J	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	1.7	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	.29	.5	J	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	2	.5		1.3	.5		1.2	.5	
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	2.74	0		2.12	0		1.77	0	

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Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:108-18 Date:01/12/01 Depth: 105			Well ID:108-18 Date:04/16/01 Depth: 105			Well ID:108-18 Date:07/18/01 Depth: 105		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	1.8	.5		2	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	.46	.5	J	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	.5	.5		.52	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	1.5	.5		1.6	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	.3	.5	J
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	.7	.5		.71	.5	
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	.77	.5		.83	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		5.73	0		5.96	0	

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Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:108-18 Date:11/09/01 Depth: 105			Well ID:108-30 Date:01/17/01 Depth: 100			Well ID:108-30 Date:04/16/01 Depth: 1000		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	2.6	.5		.32	.5	J	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	.71	.5		ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	.68	.5		ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	2	.5		.89	.5		.8	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	2.2	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	.95	.5		.31	.5	J	.25	.5	J
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	1.1	.5		.56	.5		.4	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	8.04	0		2.08	0		1.45	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:108-30 Date:07/11/01 Depth: 100			Well ID:108-30 Date:11/13/01 Depth: 100			Well ID:115-03 Date:01/11/01 Depth: 120		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	UJ
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	UJ
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	UJ
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	UJ
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	UJ
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	UJ
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	UJ
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	UJ
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	UJ
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	UJ
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	UJ
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	UJ
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	UJ
Benzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	UJ
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	UJ
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	UJ
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	UJ
Bromoform	ND	.5	U	ND	.5	U	ND	.5	UJ
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	UJ
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	UJ
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	UJ
Chloroform	.72	.5		.67	.5		.7	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	UJ
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	UJ
Cymene	ND	.5	U	ND	.5	U	ND	.5	UJ
DBCP	ND	.5	U	ND	.5	U	ND	.5	UJ
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	UJ
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	UJ
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	UJ
EDB	ND	.5	U	ND	.5	U	ND	.5	UJ
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	UJ
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	UJ
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	UJ
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	UJ
Methylene chloride	ND	.5	U	ND	.62	U	ND	.5	UJ
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	UJ
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	UJ
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	UJ
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Styrene	ND	.5	U	ND	.5	U	ND	.5	UJ
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	UJ
Toluene	ND	.5	U	ND	.5	U	ND	.5	UJ
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	UJ
Trichloroethylene	.31	.5	J	.25	.5	J	ND	.5	UJ
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	UJ
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	UJ
TVOC	1.03	0		.92	0		.7	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:115-03 Date:04/17/01 Depth: 120			Well ID:115-03 Date:07/16/01 Depth: 120			Well ID:115-03 Date:11/16/01 Depth: 120		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.65	.5		.54	.5		.47	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.69	U	ND	.5	U	ND	3.8	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.65	0		.54	0		.47	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:115-13 Date:01/10/01 Depth: 145			Well ID:115-13 Date:04/18/01 Depth: 145			Well ID:115-13 Date:07/13/01 Depth: 130		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	UJ	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	UJ	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	UJ	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	UJ	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	UJ	ND	.5	U	ND	.5	U
Benzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	UJ	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	UJ	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	UJ	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	UJ	ND	.5	U	ND	.5	U
Bromoform	ND	.5	UJ	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	UJ	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	UJ	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	UJ	ND	.5	U	ND	.5	U
Chloroform	4.4	.5	J	4.7	.5		3.9	.5	
cis-1,2-Dichloroethylene	ND	.5	UJ	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	UJ	ND	.5	U	ND	.5	U
Cymene	ND	.5	UJ	ND	.5	U	ND	.5	U
DBCP	ND	.5	UJ	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	UJ	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	UJ	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	UJ	ND	.5	U	ND	.5	U
EDB	ND	.5	UJ	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	UJ	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	UJ	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	UJ	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	UJ	ND	.5	U	.39	.5	J
Methylene chloride	ND	.5	UJ	ND	.5	U	ND	.98	U
n-Butylbenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	UJ	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	UJ	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	UJ	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Styrene	ND	.5	UJ	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	UJ	ND	.5	U	ND	.5	U
Toluene	ND	.5	UJ	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	UJ	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	UJ	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	UJ	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	UJ	ND	.5	U	ND	.5	U
TVOC	4.4	0		4.7	0		4.29	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:115-13 Date:11/14/01 Depth: 145			Well ID:115-14 Date:01/10/01 Depth: 185			Well ID:115-14 Date:04/18/01 Depth: 185		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	4.3	.5	J	4.8	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,1-Dichloroethane	ND	.5	U	13.3	.5	J	14.8	.5	
1,1-Dichloroethylene	ND	.5	U	1.3	.5	J	ND	1.7	U
1,1-Dichloropropene	ND	.5	U	ND	.5	UJ	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	UJ	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,2-Dichloropropane	ND	.5	U	1.2	.5	J	.99	.5	
1,3-Dichloropropane	ND	.5	U	ND	.5	UJ	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	UJ	ND	.5	U
Benzene	ND	.5	U	.57	.5	J	.4	.5	J
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	UJ	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	UJ	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	UJ	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	UJ	ND	.5	U
Bromoform	ND	.5	U	ND	.5	UJ	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	UJ	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	UJ	ND	.5	U
Chloroethane	ND	.5	U	6.8	.5	J	5.6	.5	
Chloroform	5.4	.5		.42	.5	J	.46	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	2.9	.5	J	2.5	.5	
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	UJ	ND	.5	U
Cymene	ND	.5	U	ND	.5	UJ	ND	.5	U
DBCP	ND	.5	U	ND	.5	UJ	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	UJ	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	UJ	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	UJ	ND	.5	U
EDB	ND	.5	U	ND	.5	UJ	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	UJ	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	UJ	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	UJ	ND	.5	U
Methyl chloride	.36	.5	J	ND	.5	UJ	ND	.5	U
Methylene chloride	ND	.5	U	.28	.5	J	ND	.63	U
n-Butylbenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	UJ	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	UJ	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	UJ	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Styrene	ND	.5	U	ND	.5	UJ	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	UJ	ND	.5	U
Toluene	ND	.5	U	ND	.5	UJ	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	UJ	ND	.5	U
Trichloroethylene	ND	.5	U	.76	.5	J	.76	.5	
Trichlorofluoromethane	ND	.5	U	1.4	.5	J	ND	.5	U
Vinyl chloride	ND	.5	U	2.2	.5	J	2.3	.5	
TVOC	5.76	0		35.43	0		32.61	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:115-14 Date:07/13/01 Depth: 185			Well ID:115-14 Date:11/14/01 Depth: 185			Well ID:115-15 Date:01/10/01 Depth: 185		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	UJ
1,1,1-Trichloroethane	4.5	.5		4.8	.5		1.1	.5	J
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	UJ
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	UJ
1,1-Dichloroethane	14.3	.5		15.9	.5		4.1	.5	J
1,1-Dichloroethylene	1.5	.5		1.6	.5		.35	.5	J
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	UJ
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	UJ
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	UJ
1,2-Dichloroethane	.26	.5	J	.3	.5	J	ND	.5	UJ
1,2-Dichloropropane	1.4	.5		1.7	.5		ND	.5	UJ
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	UJ
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	UJ
Benzene	.5	.5		.62	.5		.39	.5	J
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	UJ
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	UJ
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	UJ
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	UJ
Bromoform	ND	.5	U	ND	.5	U	ND	.5	UJ
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	UJ
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	UJ
Chloroethane	6.3	.5		7.1	.5		4.2	.5	J
Chloroform	.38	.5	J	.45	.5	J	ND	.5	UJ
cis-1,2-Dichloroethylene	3.3	.5		3.9	.5		.8	.5	J
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	UJ
Cymene	ND	.5	U	ND	.5	U	ND	.5	UJ
DBCP	ND	.5	U	ND	.5	U	ND	.5	UJ
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	UJ
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	UJ
Dichlorodifluoromethane	ND	.5	U	.44	.5	J	ND	.5	UJ
EDB	ND	.5	U	ND	.5	U	ND	.5	UJ
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	UJ
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	UJ
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	UJ
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	UJ
Methylene chloride	ND	.8	U	ND	1.6	U	ND	.5	UJ
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	UJ
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	UJ
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	UJ
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Styrene	ND	.5	U	ND	.5	U	ND	.5	UJ
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	UJ
Toluene	ND	.5	U	ND	.5	U	ND	.5	UJ
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	UJ
Trichloroethylene	.82	.5		.96	.5		ND	.5	UJ
Trichlorofluoromethane	.54	.5		1	.5		ND	.5	UJ
Vinyl chloride	2.5	.5		3.2	.5		.37	.5	J
TVOC	36.3	0		41.97	0		11.31	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:115-15 Date:04/24/01 Depth: 185			Well ID:115-15 Date:07/16/01 Depth: 185			Well ID:115-15 Date:11/15/01 Depth: 185		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	1.4	.5		1.9	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	1	.5		5.6	.5		6.8	.5	
1,1-Dichloroethylene	ND	.5	U	.43	.5	J	.63	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	.46	.5	J	.53	.5		.55	.5	
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	2.8	.5		4.8	.5		5.1	.5	
Chloroform	ND	.5	U	ND	.5	U	.29	.5	J
cis-1,2-Dichloroethylene	.28	.5	J	1	.5		1.1	.5	
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	2.7	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	.59	.5		ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	.28	.5	J	.32	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	.4	.5	J	.56	.5	
TVOC	5.13	0		14.44	0		17.25	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:115-16 Date:01/10/01 Depth: 130			Well ID:115-16 Date:04/24/01 Depth: 130			Well ID:115-16 Date:07/16/01 Depth: 130		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	UJ	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	UJ	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	UJ	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	UJ	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	UJ	ND	.5	U	ND	.5	U
Benzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	UJ	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	UJ	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	UJ	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	UJ	ND	.5	U	ND	.5	U
Bromoform	ND	.5	UJ	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	UJ	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	UJ	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	UJ	ND	.5	U	ND	.5	U
Chloroform	2.6	.5	J	3.6	.5		3.7	.5	
cis-1,2-Dichloroethylene	ND	.5	UJ	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	UJ	ND	.5	U	ND	.5	U
Cymene	ND	.5	UJ	ND	.5	U	ND	.5	U
DBCP	ND	.5	UJ	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	UJ	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	UJ	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	UJ	ND	.5	U	ND	.5	U
EDB	ND	.5	UJ	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	UJ	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	UJ	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	UJ	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	UJ	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	UJ	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	UJ	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	UJ	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	UJ	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Styrene	ND	.5	UJ	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	UJ	ND	.5	U	ND	.5	U
Toluene	ND	.5	UJ	.51	.5		ND	.5	U
trans-1,3-Dichloropropene	ND	.5	UJ	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	UJ	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	UJ	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	UJ	ND	.5	U	ND	.5	U
TVOC	2.6	0		4.11	0		3.7	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:115-16 Date:11/15/01 Depth: 130			Well ID:115-28 Date:01/10/01 Depth: 207			Well ID:115-28 Date:04/18/01 Depth: 207		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	3.6	.5	J	.86	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,1-Dichloroethane	ND	.5	U	15.9	.5	J	1.4	.5	
1,1-Dichloroethylene	ND	.5	U	1.1	.5	J	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	UJ	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	UJ	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,2-Dichloropropane	ND	.5	U	.52	.5	J	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	UJ	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	UJ	ND	.5	U
Benzene	ND	.5	U	.83	.5	J	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	UJ	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	UJ	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	UJ	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	UJ	ND	.5	U
Bromoform	ND	.5	U	ND	.5	UJ	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	UJ	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	UJ	ND	.5	U
Chloroethane	ND	.5	U	8.8	.5	J	.45	.5	J
Chloroform	3.1	.5		.48	.5	J	1.2	.5	
cis-1,2-Dichloroethylene	ND	.5	U	2	.5	J	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	UJ	ND	.5	U
Cymene	ND	.5	U	ND	.5	UJ	ND	.5	U
DBCP	ND	.5	U	ND	.5	UJ	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	UJ	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	UJ	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	UJ	ND	.5	U
EDB	ND	.5	U	ND	.5	UJ	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	UJ	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	UJ	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	UJ	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	UJ	ND	.5	U
Methylene chloride	ND	1	U	ND	.5	UJ	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	UJ	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	UJ	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	UJ	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Styrene	ND	.5	U	ND	.5	UJ	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	UJ	ND	.5	U
Toluene	ND	.5	U	ND	.5	UJ	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	UJ	ND	.5	U
Trichloroethylene	ND	.5	U	.42	.5	J	ND	.5	U
Trichlorofluoromethane	ND	.5	U	1.4	.5	J	ND	.5	U
Vinyl chloride	ND	.5	U	1.3	.5	J	ND	.5	U
TVOC	3.1	0		36.35	0		3.91	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:115-28 Date:07/13/01 Depth: 207			Well ID:115-28 Date:11/15/01 Depth: 207			Well ID:115-29 Date:01/10/01 Depth: 205		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	UJ
1,1,1-Trichloroethane	1.4	.5		3.1	.5		5.1	.5	J
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	UJ
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	UJ
1,1-Dichloroethane	5.1	.5		11.4	.5		12.2	.5	J
1,1-Dichloroethylene	.42	.5	J	.98	.5		1.4	.5	J
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	UJ
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	UJ
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	UJ
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	UJ
1,2-Dichloropropane	ND	.5	U	.43	.5	J	.41	.5	J
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	UJ
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	UJ
Benzene	ND	.5	U	.59	.5		.37	.5	J
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	UJ
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	UJ
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	UJ
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	UJ
Bromoform	ND	.5	U	ND	.5	U	ND	.5	UJ
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	UJ
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	UJ
Chloroethane	1.8	.5		5	.5		4.9	.5	J
Chloroform	.9	.5		1.1	.5		.48	.5	J
cis-1,2-Dichloroethylene	.7	.5		1.3	.5		2.1	.5	J
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	UJ
Cymene	ND	.5	U	ND	.5	U	ND	.5	UJ
DBCP	ND	.5	U	ND	.5	U	ND	.5	UJ
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	UJ
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	UJ
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	UJ
EDB	ND	.5	U	ND	.5	U	ND	.5	UJ
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	UJ
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	UJ
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	UJ
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	UJ
Methylene chloride	ND	.5	U	ND	2.8	U	ND	.5	UJ
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	UJ
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	UJ
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	UJ
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Styrene	ND	.5	U	ND	.5	U	ND	.5	UJ
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	UJ
Toluene	ND	.5	U	ND	.5	U	ND	.5	UJ
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	UJ
Trichloroethylene	ND	.5	U	.29	.5	J	.55	.5	J
Trichlorofluoromethane	ND	.5	U	.77	.5		1.3	.5	J
Vinyl chloride	.28	.5	J	.84	.5		.69	.5	J
TVOC	10.6	0		25.8	0		29.5	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:115-29 Date:04/26/01 Depth: 205			Well ID:115-29 Date:07/16/01 Depth: 205			Well ID:115-29 Date:11/15/01 Depth: 205		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	1.7	.5		2.9	.5		5.6	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	6.6	.5		9.5	.5		15.4	.5	
1,1-Dichloroethylene	.48	.5	J	.9	.5		1.8	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	.47	.5	J
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	.37	.5	J	.37	.5	J	.42	.5	J
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	5.3	.5		5.5	.5		6	.5	
Chloroform	.39	.5	J	.51	.5		.59	.5	
cis-1,2-Dichloroethylene	.92	.5		1.7	.5		2.7	.5	
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	.3	.5	J
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.6	U	ND	.5	U	ND	1.8	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.32	.5	J	.47	.5	J	.64	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	.75	.5	
Vinyl chloride	.57	.5		.69	.5		.93	.5	
TVOC	16.65	0		22.52	0		35.6	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:115-30 Date:01/10/01 Depth: 163			Well ID:115-30 Date:04/24/01 Depth: 163			Well ID:115-30 Date:07/16/01 Depth: 163		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.35	.5	J	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,1-Dichloroethane	1.1	.5	J	.58	.5		.68	.5	
1,1-Dichloroethylene	ND	.5	UJ	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	UJ	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	UJ	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	UJ	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	UJ	ND	.5	U	ND	.5	U
Benzene	.31	.5	J	.33	.5	J	.35	.5	J
Benzene, 1,2,4-trimethyl	ND	.5	UJ	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	UJ	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	UJ	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	UJ	ND	.5	U	ND	.5	U
Bromoform	ND	.5	UJ	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	UJ	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	UJ	ND	.5	U	ND	.5	U
Chloroethane	1.6	.5	J	1.5	.5		1.5	.5	
Chloroform	.38	.5	J	.56	.5		.87	.5	
cis-1,2-Dichloroethylene	ND	.5	UJ	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	UJ	ND	.5	U	ND	.5	U
Cymene	ND	.5	UJ	ND	.5	U	ND	.5	U
DBCP	ND	.5	UJ	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	UJ	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	UJ	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	UJ	ND	.5	U	ND	.5	U
EDB	ND	.5	UJ	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	UJ	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	UJ	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	UJ	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	UJ	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	UJ	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	UJ	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	UJ	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	UJ	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Styrene	ND	.5	UJ	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	UJ	ND	.5	U	ND	.5	U
Toluene	ND	.5	UJ	.44	.5	J	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	UJ	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	UJ	ND	.5	U	ND	.5	U
Trichlorofluoromethane	1.1	.5	J	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	UJ	ND	.5	U	ND	.5	U
TVOC	4.84	0		3.41	0		3.4	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:115-30 Date:11/16/01 Depth: 63			Well ID:115-31 Date:01/10/01 Depth: 172			Well ID:115-31 Date:04/24/01 Depth: 172		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	3.9	.5	J	1.1	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,1-Dichloroethane	.75	.5		15.6	.5	J	4.1	.5	
1,1-Dichloroethylene	ND	.5	U	1.3	.5	J	.37	.5	J
1,1-Dichloropropene	ND	.5	U	ND	.5	UJ	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	UJ	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,2-Dichloropropane	ND	.5	U	1	.5	J	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	UJ	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	UJ	ND	.5	U
Benzene	.49	.5	J	.36	.5	J	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	UJ	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	UJ	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	UJ	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	UJ	ND	.5	U
Bromoform	ND	.5	U	ND	.5	UJ	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	UJ	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	UJ	ND	.5	U
Chloroethane	2	.5		9.3	.5	J	2.3	.5	
Chloroform	.43	.5	J	.48	.5	J	1.2	.5	
cis-1,2-Dichloroethylene	ND	.5	U	4.3	.5	J	1	.5	
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	UJ	ND	.5	U
Cymene	ND	.5	U	ND	.5	UJ	ND	.5	U
DBCP	ND	.5	U	ND	.5	UJ	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	UJ	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	UJ	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	UJ	ND	.5	U
EDB	ND	.5	U	ND	.5	UJ	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	UJ	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	UJ	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	UJ	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	UJ	ND	.5	U
Methylene chloride	ND	4	U	ND	.5	UJ	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	UJ	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	UJ	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	UJ	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Styrene	ND	.5	U	ND	.5	UJ	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	UJ	ND	.5	U
Toluene	ND	.5	U	ND	.5	UJ	.28	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	UJ	ND	.5	U
Trichloroethylene	ND	.5	U	.57	.5	J	.3	.5	J
Trichlorofluoromethane	ND	.5	U	1.4	.5	J	ND	.5	U
Vinyl chloride	ND	.5	U	2.9	.5	J	.5	.5	
TVOC	3.67	0		41.11	0		11.15	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:115-31 Date:07/13/01 Depth: 172			Well ID:115-31 Date:11/15/01 Depth: 172			Well ID:115-36 Date:01/11/01 Depth: 132		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	UJ
1,1,1-Trichloroethane	1.2	.5		1.9	.5		ND	.5	UJ
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	UJ
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	UJ
1,1-Dichloroethane	3.6	.5		7.5	.5		8.3	.5	J
1,1-Dichloroethylene	.36	.5	J	.69	.5		.46	.5	J
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	UJ
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	UJ
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	UJ
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	UJ
1,2-Dichloropropane	ND	.5	U	.5	.5		ND	.5	UJ
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	UJ
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	UJ
Benzene	ND	.5	U	ND	.5	U	.33	.5	J
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	UJ
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	UJ
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	UJ
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	UJ
Bromoform	ND	.5	U	ND	.5	U	ND	.5	UJ
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	UJ
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	UJ
Chloroethane	.99	.5		2.5	.5		8.5	.5	J
Chloroform	1.1	.5		.83	.5		ND	.5	UJ
cis-1,2-Dichloroethylene	.89	.5		1.8	.5		.57	.5	J
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	UJ
Cymene	ND	.5	U	ND	.5	U	ND	.5	UJ
DBCP	ND	.5	U	ND	.5	U	ND	.5	UJ
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	UJ
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	UJ
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	UJ
EDB	ND	.5	U	ND	.5	U	ND	.5	UJ
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	UJ
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	UJ
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	UJ
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	UJ
Methylene chloride	ND	.5	U	ND	2	U	ND	.5	UJ
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	UJ
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	UJ
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	UJ
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Styrene	ND	.5	U	ND	.5	U	ND	.5	UJ
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	UJ
Toluene	ND	.5	U	ND	.5	U	ND	.5	UJ
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	UJ
Trichloroethylene	.29	.5	J	.43	.5	J	.42	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	UJ
Vinyl chloride	ND	.5	U	.62	.5		.48	.5	J
TVOC	8.43	0		16.77	0		19.06	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:115-36 Date:04/26/01 Depth: 132			Well ID:115-36 Date:07/19/01 Depth: 132			Well ID:115-36 Date:11/16/01 Depth: 132		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	.26	.5	J
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	6.6	.5		5.4	.5		4.7	.5	
1,1-Dichloroethylene	.35	.5	J	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	.37	.5	J	.36	.5	J	.38	.5	J
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	8.6	.5		7	.5		5.9	.5	
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	.55	.5		.48	.5	J	.5	.5	
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.84	U	1.2	.5		ND	.79	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.46	.5	J	.41	.5	J	.47	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	.47	.5	J	.37	.5	J	.31	.5	J
TVOC	17.4	0		15.22	0		12.52	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:115-41 Date:01/11/01 Depth: 108			Well ID:115-41 Date:04/26/01 Depth: 108			Well ID:115-41 Date:07/23/01 Depth: 108		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	1.4	.5	J	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,1-Dichloroethane	1.8	.5	J	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	.32	.5	J	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	UJ	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	UJ	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	UJ	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	UJ	ND	.5	U	ND	.5	U
Benzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	UJ	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	UJ	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	UJ	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	UJ	ND	.5	U	ND	.5	U
Bromoform	ND	.5	UJ	ND	.5	U	ND	.5	U
Carbon tetrachloride	.25	.5	J	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	UJ	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	UJ	ND	.5	U	ND	.5	U
Chloroform	.83	.5	J	2.2	.5		2.4	.5	
cis-1,2-Dichloroethylene	ND	.5	UJ	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	UJ	ND	.5	U	ND	.5	U
Cymene	ND	.5	UJ	ND	.5	U	ND	.5	U
DBCP	ND	.5	UJ	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	UJ	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	UJ	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	UJ	ND	.5	U	ND	.5	U
EDB	ND	.5	UJ	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	UJ	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	UJ	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	UJ	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	UJ	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	UJ	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	UJ	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	UJ	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	UJ	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Styrene	ND	.5	UJ	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Tetrachloroethylene	.52	.5	J	3.9	.5		6.4	.5	
Toluene	ND	.5	UJ	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	UJ	ND	.5	U	ND	.5	U
Trichloroethylene	.62	.5	J	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	UJ	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	UJ	ND	.5	U	ND	.5	U
TVOC	5.74	0		6.11	0		8.8	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:115-41 Date:11/15/01 Depth: 108			Well ID:115-42 Date:01/11/01 Depth: 168			Well ID:115-42 Date:04/26/01 Depth: 168		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	2.7	.5	J	22.6	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	UJ	1.1	.5	
1,1-Dichloroethylene	ND	.5	U	.49	.5	J	4.9	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	UJ	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	UJ	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	UJ	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	UJ	ND	.5	U
Benzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	UJ	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	UJ	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	UJ	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	UJ	ND	.5	U
Bromoform	ND	.5	U	ND	.5	UJ	ND	.5	U
Carbon tetrachloride	ND	.5	U	.6	.5	J	1.4	.5	
Chlorobenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	UJ	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	UJ	ND	.5	U
Chloroform	2.1	.5		1.3	.5	J	3.8	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	UJ	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	UJ	ND	.5	U
Cymene	ND	.5	U	ND	.5	UJ	ND	.5	U
DBCP	ND	.5	U	ND	.5	UJ	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	UJ	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	UJ	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	UJ	ND	.5	U
EDB	ND	.5	U	ND	.5	UJ	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	UJ	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	UJ	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	UJ	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	UJ	ND	.5	U
Methylene chloride	ND	2.6	U	ND	.5	UJ	ND	.65	U
n-Butylbenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	UJ	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	UJ	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	UJ	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Styrene	ND	.5	U	ND	.5	UJ	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Tetrachloroethylene	8	.5		1.3	.5	J	.54	.5	
Toluene	ND	.5	U	ND	.5	UJ	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	UJ	ND	.5	U
Trichloroethylene	ND	.5	U	1.2	.5	J	2	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	UJ	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	UJ	ND	.5	U
TVOC	10.1	0		7.59	0		36.34	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:115-42 Date:07/23/01 Depth: 168			Well ID:115-42 Date:11/15/01 Depth: 168			Well ID:116-05 Date:01/11/01 Depth: 105		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	UJ
1,1,1-Trichloroethane	17.3	.5		10.5	.5		ND	.5	UJ
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	UJ
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	UJ
1,1-Dichloroethane	1.8	.5		3	.5		ND	.5	UJ
1,1-Dichloroethylene	4	.5		2.6	.5		ND	.5	UJ
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	UJ
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	UJ
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	UJ
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	UJ
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	UJ
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	UJ
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	UJ
Benzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	UJ
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	UJ
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	UJ
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	UJ
Bromoform	ND	.5	U	ND	.5	U	ND	.5	UJ
Carbon tetrachloride	1.1	.5		.64	.5		ND	.5	UJ
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	UJ
Chloroethane	ND	.5	U	.26	.5	J	ND	.5	UJ
Chloroform	3	.5		1.8	.5		1.9	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	.27	.5	J	ND	.5	UJ
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	UJ
Cymene	ND	.5	U	ND	.5	U	ND	.5	UJ
DBCP	ND	.5	U	ND	.5	U	ND	.5	UJ
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	UJ
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	UJ
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	UJ
EDB	ND	.5	U	ND	.5	U	ND	.5	UJ
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	UJ
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	UJ
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	UJ
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	UJ
Methylene chloride	ND	.5	U	ND	2.7	U	ND	.5	UJ
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	UJ
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	UJ
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	UJ
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Styrene	ND	.5	U	ND	.5	U	ND	.5	UJ
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Tetrachloroethylene	1	.5		.88	.5		ND	.5	UJ
Toluene	ND	.5	U	ND	.5	U	ND	.5	UJ
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	UJ
Trichloroethylene	2.7	.5		2.1	.5		ND	.5	UJ
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	UJ
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	UJ
TVOC	30.9	0		22.05	0		1.9	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:116-05 Date:04/16/01 Depth: 105			Well ID:116-05 Date:07/16/01 Depth: 105			Well ID:116-05 Date:11/16/01 Depth: 105		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	1.1	.5		.68	.5		.68	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	2.8	.5		2.9	.5		4.7	.5	
1,1-Dichloroethylene	.29	.5	J	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	.27	.5	J	.51	.5	
Chloroform	.7	.5		.54	.5		.54	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	4.4	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	.48	.5	J	.47	.5	J	.58	.5	
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.62	.5		.52	.5		.42	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	5.99	0		5.38	0		7.43	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:116-06 Date:01/11/01 Depth: 135			Well ID:116-06 Date:04/16/01 Depth: 135			Well ID:116-06 Date:07/16/01 Depth: 135		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	10.6	.5	J	2.1	.5		2	.5	
1,1,2,2-Tetrachloroethane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,1-Dichloroethane	11.1	.5	J	.37	.5	J	.65	.5	
1,1-Dichloroethylene	3.1	.5	J	.38	.5	J	.4	.5	J
1,1-Dichloropropene	ND	.5	UJ	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	UJ	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	UJ	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	UJ	ND	.5	U	ND	.5	U
Benzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	UJ	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	UJ	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	UJ	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	UJ	ND	.5	U	ND	.5	U
Bromoform	ND	.5	UJ	ND	.5	U	ND	.5	U
Carbon tetrachloride	.27	.5	J	.46	.5	J	.46	.5	J
Chlorobenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	UJ	ND	.5	U	ND	.5	U
Chloroethane	1.6	.5	J	ND	.5	U	ND	.5	U
Chloroform	1.2	.5	J	.97	.5		.97	.5	
cis-1,2-Dichloroethylene	.77	.5	J	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	UJ	ND	.5	U	ND	.5	U
Cymene	ND	.5	UJ	ND	.5	U	ND	.5	U
DBCP	ND	.5	UJ	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	UJ	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	UJ	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	UJ	ND	.5	U	ND	.5	U
EDB	ND	.5	UJ	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	UJ	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	UJ	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	UJ	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	UJ	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	UJ	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	UJ	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	UJ	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	UJ	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Styrene	ND	.5	UJ	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	UJ	1	.5		1.1	.5	
Toluene	ND	.5	UJ	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	UJ	ND	.5	U	ND	.5	U
Trichloroethylene	.95	.5	J	1	.5		1.1	.5	
Trichlorofluoromethane	ND	.5	UJ	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	UJ	ND	.5	U	ND	.5	U
TVOC	29.59	0		6.28	0		6.68	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:116-06 Date:11/16/01 Depth: 135			Well ID:800-54 Date:01/19/01 Depth: 155			Well ID:800-54 Date:06/11/01 Depth: 155		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	1.7	.5		ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	.74	.5		ND	.5	U	ND	.5	U
1,1-Dichloroethylene	.38	.5	J	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	.41	.5	J	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.84	.5		.4	.5	J	.42	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.018	UJ	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.018	UJ	ND	.02	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	1	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	1.1	.5		ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.96	.5		ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	6.13	0		.4	0		.42	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID:800-54 Date:07/23/01 Depth: 155			Well ID:800-54 Date:11/19/01 Depth: 155		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U
Chloroform	.44	.5	J	.38	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U
DBCP	ND	.019	U	ND	.018	U
Dibromochloromethane	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U
EDB	ND	.019	U	ND	.018	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	2.1	U
n-Butylbenzene	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U
TVOC	.44	0		.38	0	

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	Well ID: 000-124 Date: 01/18/01 Depth: 120				Well ID: 000-124 Date: 04/25/01 Depth: 120				Well ID: 000-124 Date: 07/23/01 Depth: 120			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241					<MDL	10.8	7.32	U				
Beryllium-7					<MDL	23.4	13.6	U				
Bismuth-214												
Cesium-134					<MDL	2.52	1.74	U				
Cesium-137					<MDL	3.08	1.77	U				
Co-60					<MDL	2.83	1.61	U				
Cobalt-57					<MDL	2.29	1.42	U				
Europium-152					<MDL	7.69	4.47	U				
Europium-154					<MDL	7.63	4.76	U				
Europium-155					<MDL	9.7	5.91	U				
Gross Alpha					<MDL	1.22	.697	UJ				
Gross Beta					2.18	1.53	.859	J-N2				
Manganese-54					<MDL	2.86	1.62	U				
Sodium-22					<MDL	2.73	1.7	U				
Strontium-90					<MDL	.589	.281	UJ				
Tritium	888	425	282	J	598	477	301	J-N2	672	374	246	J
Vanadium-48					<MDL	4.03	2.25	U				
Zinc-65					<MDL	5.83	3.37	U				

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	Well ID: 000-124 Date: 11/19/01 Depth: 120				Well ID: 000-137 Date: 01/18/01 Depth: 103				Well ID: 000-137 Date: 04/25/01 Depth: 108			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241									<MDL	12.5	8.75	U
Beryllium-7									<MDL	21.3	12.1	U
Bismuth-214												
Cesium-134									<MDL	2.01	1.32	U
Cesium-137									<MDL	2.32	1.29	U
Co-60									<MDL	2.42	1.65	U
Cobalt-57									<MDL	2.01	1.18	U
Europium-152									<MDL	6.89	4.1	U
Europium-154									<MDL	7.08	3.74	U
Europium-155									<MDL	8.5	4.9	U
Gross Alpha									<MDL	1.46	.74	UJ
Gross Beta									<MDL	3.05	1.59	UJ
Manganese-54									<MDL	2.25	1.34	U
Sodium-22									<MDL	2.53	1.33	U
Strontium-90									<MDL	.784	.382	U
Tritium	848	378	255	J	<MDL	436	268	U	<MDL	463	259	U
Vanadium-48									<MDL	3.62	1.97	U
Zinc-65									<MDL	5.05	3.4	U

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	Well ID: 000-137 Date: 07/20/01 Depth: 108				Well ID: 000-137 Date: 11/19/01 Depth: 108				Well ID: 000-138 Date: 01/18/01 Depth: 168			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Bismuth-214												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	482	292	U	625	370	240	J	2300	451	350	
Vanadium-48												
Zinc-65												

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	Well ID: 000-138 Date: 04/25/01 Depth: 168				Well ID: 000-138 Date: 07/20/01 Depth: 168				Well ID: 000-138 Date: 11/19/01 Depth: 168			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	13.4	7.72	U								
Beryllium-7	<MDL	20.8	11.5	U								
Bismuth-214												
Cesium-134	<MDL	2.05	1.55	U								
Cesium-137	<MDL	2.24	1.35	U								
Co-60	<MDL	2.58	1.69	U								
Cobalt-57	<MDL	2.02	1.2	U								
Europium-152	<MDL	6.97	3.83	U								
Europium-154	<MDL	6.52	4.31	U								
Europium-155	<MDL	8.52	4.92	U								
Gross Alpha	<MDL	1.1	.465	UJ								
Gross Beta	<MDL	1.67	.767	UJ								
Manganese-54	<MDL	2.37	1.25	U								
Sodium-22	<MDL	2.38	1.54	U								
Strontium-90	<MDL	.45	.214	U								
Tritium	3490	488	420		4370	485	447		3670	382	357	
Vanadium-48	<MDL	3.52	1.95	U								
Zinc-65	<MDL	5.17	2.78	U								

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	Well ID: 077-02 Date: 01/04/01 Depth: 36				Well ID: 077-02 Date: 04/17/01 Depth: 36				Well ID: 077-02 Date: 07/19/01 Depth: 36			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241					<MDL	11.1	8.28	U				
Beryllium-7					<MDL	24.7	14.1	U				
Bismuth-214												
Cesium-134					<MDL	2.43	1.72	U				
Cesium-137					<MDL	2.97	2.72	U				
Co-60					<MDL	2.8	1.53	U				
Cobalt-57					<MDL	2.35	1.59	U				
Europium-152					<MDL	7.61	4.5	U				
Europium-154					<MDL	7.96	5.73	U				
Europium-155					<MDL	9.4	5.78	U				
Gross Alpha					<MDL	1.27	.616	UJ				
Gross Beta					<MDL	2.93	1.44	UJ				
Manganese-54					<MDL	2.64	1.54	U				
Sodium-22					<MDL	2.83	2.04	U				
Strontium-90	.494	.368	.229	J-N2	<MDL	.777	.372	U	.608	.528	.285	J-TN2
Tritium	<MDL	410	224	U	<MDL	452	242	U	<MDL	491	290	U
Vanadium-48					<MDL	3.43	2.77	U				
Zinc-65					<MDL	5.24	3.35	U				

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	Well ID: 077-02 Date: 11/14/01 Depth: 36				Well ID: 087-21 Date: 01/04/01 Depth: 130				Well ID: 087-21 Date: 04/17/01 Depth: 130			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241									<MDL	14	7.98	U
Beryllium-7									<MDL	18.8	11.4	U
Bismuth-214												
Cesium-134									<MDL	2.11	1.51	U
Cesium-137									<MDL	2.14	1.27	U
Co-60									<MDL	2.39	1.19	U
Cobalt-57									<MDL	2.04	1.21	U
Europium-152									<MDL	6.54	3.8	U
Europium-154									<MDL	6.89	4.31	U
Europium-155									<MDL	8.71	5	U
Gross Alpha									<MDL	1.25	.666	UJ
Gross Beta									<MDL	2.75	1.35	UJ
Manganese-54									<MDL	2.16	1.32	U
Sodium-22									<MDL	2.46	1.54	U
Strontium-90	<MDL	.623	.315	UJ	<MDL	.306	.177	U	<MDL	.823	.324	U-DL
Tritium	<MDL	486	265	U	<MDL	419	238	U	<MDL	445	241	U
Vanadium-48									<MDL	3.52	2.08	U
Zinc-65									<MDL	4.66	2.93	U

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	Well ID: 087-21 Date: 07/12/01 Depth: 130				Well ID: 087-21 Date: 11/14/01 Depth: 130				Well ID: 088-13 Date: 01/04/01 Depth: 13			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Bismuth-214												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90	<MDL	.594	.313	UJ-T	<MDL	.527	.246	U	1.2	.349	.234	
Tritium	544	352	227	J-N2	814	454	294	J	<MDL	410	224	U
Vanadium-48												
Zinc-65												

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	Well ID: 088-13 Date: 04/17/01 Depth: 13				Well ID: 088-13 Date: 07/12/01 Depth: 13				Well ID: 088-13 Date: 11/08/01 Depth: 13			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	5.24	3.42	U								
Beryllium-7	<MDL	23.9	13.4	U								
Bismuth-214	--	--	--	R-N4								
Cesium-134	<MDL	2.62	1.77	U								
Cesium-137	<MDL	2.82	1.66	U								
Co-60	<MDL	3.01	1.64	U								
Cobalt-57	<MDL	1.92	1.13	U								
Europium-152	<MDL	7.56	4.56	U								
Europium-154	<MDL	8.65	4.9	U								
Europium-155	<MDL	7.92	4.69	U								
Gross Alpha	<MDL	1.99	1	UJ								
Gross Beta	4.15	3.48	1.84	J-N2								
Manganese-54	<MDL	2.63	1.61	U								
Sodium-22	<MDL	3.09	1.75	U								
Strontium-90	<MDL	.84	.432	U-DL	1.65	.537	.348	J-T	1.91	.465	.326	
Tritium	<MDL	467	254	U	<MDL	361	200	U	433	393	246	J-N2
Vanadium-48	<MDL	4.03	2.46	U								
Zinc-65	<MDL	5.98	3.74	U								

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	Well ID: 088-14 Date: 01/04/01 Depth: 80				Well ID: 088-14 Date: 04/17/01 Depth: 80				Well ID: 088-14 Date: 04/17/01 Depth: 80			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241					<MDL	16.6	9.6	U	<MDL	16.5	9.19	U
Beryllium-7					<MDL	21.8	12.1	U	<MDL	120	68.6	U
Bismuth-214												
Cesium-134					<MDL	2.4	1.51	U	<MDL	2.98	1.94	U
Cesium-137					<MDL	2.48	1.38	U	<MDL	2.84	1.59	U
Co-60					<MDL	2.54	1.66	U	<MDL	3.28	1.83	U
Cobalt-57					<MDL	2.08	1.22	U	<MDL	3.55	1.99	U
Europium-152					<MDL	7.51	4.29	U	<MDL	8.82	5.17	U
Europium-154					<MDL	8.12	4.09	U	<MDL	9.12	4.81	U
Europium-155					<MDL	8.53	4.81	U	<MDL	11.7	9.3	U
Gross Alpha					<MDL	1.79	.722	UJ				
Gross Beta					<MDL	3.02	1.47	UJ				
Manganese-54					<MDL	2.45	1.35	U	<MDL	3.61	2.09	U
Sodium-22					<MDL	2.9	1.46	U	<MDL	3.44	1.82	U
Strontium-90	<MDL	.319	.195	U	<MDL	.56	.281	U				
Tritium	<MDL	401	224	U	<MDL	455	251	U				
Vanadium-48					<MDL	3.84	2.07	U				
Zinc-65					<MDL	5.61	3.56	U	<MDL	8.17	4.73	U

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	Well ID: 088-14 Date: 07/12/01 Depth: 80				Well ID: 088-14 Date: 11/08/01 Depth: 80				Well ID: 088-20 Date: 01/04/01 Depth: 135			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Bismuth-214												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90	<MDL	.74	.379	UJ-T	<MDL	.564	.269	U	<MDL	.259	.149	U
Tritium	<MDL	360	212	U	520	391	249	J-N2	<MDL	391	226	U
Vanadium-48												
Zinc-65												

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	Well ID: 088-20 Date: 04/17/01 Depth: 125				Well ID: 088-20 Date: 07/12/01 Depth: 125				Well ID: 088-20 Date: 11/08/01 Depth: 125			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	16.4	10.9	U								
Beryllium-7	<MDL	20.7	11.9	U								
Bismuth-214												
Cesium-134	<MDL	1.98	1.09	U								
Cesium-137	<MDL	2.1	1.19	U								
Co-60	<MDL	2.59	1.27	U								
Cobalt-57	<MDL	2.17	1.22	U								
Europium-152	<MDL	6.39	3.81	U								
Europium-154	<MDL	6.43	3.48	U								
Europium-155	<MDL	8.71	4.95	U								
Gross Alpha	<MDL	.996	.582	UJ								
Gross Beta	<MDL	2.62	1.29	UJ								
Manganese-54	<MDL	2.07	1.24	U								
Sodium-22	<MDL	2.3	1.25	U								
Strontium-90	<MDL	.756	.365	U	<MDL	.59	.301	UJ-T	<MDL	.395	.227	U
Tritium	<MDL	448	247	U	<MDL	363	216	U	449	395	248	J-N2
Vanadium-48	<MDL	3.23	1.92	U								
Zinc-65	<MDL	4.03	2.5	U								

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	Well ID: 088-26 Date: 01/17/01 Depth: 18				Well ID: 088-26 Date: 05/03/01 Depth: 18				Well ID: 088-26 Date: 07/20/01 Depth: 18			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241					<MDL	4.59	3	U				
Beryllium-7					<MDL	22.7	12.8	U				
Bismuth-214												
Cesium-134					<MDL	2.38	1.52	U				
Cesium-137					<MDL	2.72	1.54	U				
Co-60					<MDL	2.58	1.43	U				
Cobalt-57					<MDL	1.71	1.01	U				
Europium-152					<MDL	6.37	3.85	U				
Europium-154					<MDL	7.51	4.39	U				
Europium-155					<MDL	6.91	4.01	U				
Gross Alpha					<MDL	.81	.471	UJ				
Gross Beta					16.1	1.63	1.82	J				
Manganese-54					<MDL	2.71	1.54	U				
Sodium-22					<MDL	2.69	1.57	U				
Strontium-90	5.57	.299	.312		6.12	.71	.635		7.75	.33	.377	
Tritium	901	411	274	J	<MDL	539	307	U	755	492	317	J-N2
Vanadium-48					<MDL	4.61	2.61	U				
Zinc-65					<MDL	5.64	3.39	U				

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	Well ID: 088-26 Date: 11/26/01 Depth: 18				Well ID: 098-19 Date: 01/04/01 Depth: 49				Well ID: 098-19 Date: 04/24/01 Depth: 46			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241									<MDL	15.8	16.1	U
Beryllium-7									<MDL	14.7	8.39	U
Bismuth-214												
Cesium-134									<MDL	1.69	1.1	U
Cesium-137									--	--	--	R-N4
Co-60									<MDL	2.03	1.16	U
Cobalt-57									<MDL	1.5	.874	U
Europium-152									<MDL	5.19	3.15	U
Europium-154									<MDL	4.89	2.87	U
Europium-155									<MDL	6.38	3.72	U
Gross Alpha									1.25	1.1	.842	J-N2
Gross Beta									<MDL	1.54	.679	UJ
Manganese-54									<MDL	1.61	1.08	U
Sodium-22									<MDL	1.74	1.02	U
Strontium-90	5.05	.203	.243		<MDL	.346	.202	U	<MDL	.691	.261	U
Tritium	753	386	256	J	<MDL	393	224	U	<MDL	486	275	U
Vanadium-48									<MDL	2.66	1.57	U
Zinc-65									<MDL	3.5	2.27	U

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	Well ID: 098-19 Date: 04/24/01 Depth: 46				Well ID: 098-19 Date: 07/12/01 Depth: 45				Well ID: 098-19 Date: 11/13/01 Depth: 46			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	19.2	13.2	U								
Beryllium-7	<MDL	94.2	55.9	U								
Bismuth-214												
Cesium-134	<MDL	2.56	1.81	U								
Cesium-137	<MDL	2.62	1.55	U								
Co-60	<MDL	3.11	1.69	U								
Cobalt-57	<MDL	3.11	1.84	U								
Europium-152	<MDL	8.51	4.97	U								
Europium-154	<MDL	8.88	4.78	U								
Europium-155	<MDL	11.3	6.55	U								
Gross Alpha												
Gross Beta												
Manganese-54	<MDL	3.29	1.96	U								
Sodium-22	<MDL	3.34	1.8	U								
Strontium-90					<MDL	.492	.248	UJ-T	<MDL	.56	.251	UJ
Tritium					<MDL	353	207	U	<MDL	490	275	U
Vanadium-48												
Zinc-65	<MDL	8.17	3.56	U								

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Project: OU I (South Boundary)

	Well ID: 098-21 Date: 01/04/01 Depth: 34				Well ID: 098-21 Date: 04/24/01 Depth: 29				Well ID: 098-21 Date: 07/12/01 Depth: 29			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241					<MDL	15	9.93	U				
Beryllium-7					<MDL	18.1	10.3	U				
Bismuth-214												
Cesium-134					<MDL	1.68	1.12	U				
Cesium-137					<MDL	2.02	1.16	U				
Co-60					<MDL	2.09	1.21	U				
Cobalt-57					<MDL	1.72	1.05	U				
Europium-152					<MDL	5.67	3.3	U				
Europium-154					<MDL	5.8	3	U				
Europium-155					<MDL	7.38	4.4	U				
Gross Alpha					<MDL	1.02	.311	UJ				
Gross Beta					10.1	1.53	1.45	J				
Manganese-54					<MDL	1.86	1.05	U				
Sodium-22					<MDL	2.07	1.07	U				
Strontium-90	6.43	.341	.344		4.75	.812	.665		7.04	.633	.555	J-T
Tritium	492	393	248	J-N2	830	474	310	J	865	358	245	J
Vanadium-48					<MDL	2.94	1.66	U				
Zinc-65					<MDL	4.11	2.45	U				

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Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID: 098-21 Date: 11/08/01 Depth: 29				Well ID: 098-22 Date: 01/17/01 Depth: 39				Well ID: 098-22 Date: 05/03/01 Depth: 39			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241									<MDL	13.2	8.79	U
Beryllium-7									<MDL	30	17.8	U
Bismuth-214												
Cesium-134									<MDL	3.21	3.27	U
Cesium-137									<MDL	3.55	1.95	U
Co-60									<MDL	3.83	2.05	U
Cobalt-57									<MDL	2.88	1.72	U
Europium-152									<MDL	9.96	7.16	U
Europium-154									<MDL	10.8	5.91	U
Europium-155									<MDL	12.1	7.35	U
Gross Alpha									<MDL	1.15	.494	UJ
Gross Beta									4.31	1.92	1.18	J
Manganese-54									<MDL	3.35	2.02	U
Sodium-22									<MDL	3.86	2.11	U
Strontium-90	5.58	.586	.52		1.1	.347	.23		1.26	.501	.332	
Tritium	1040	417	288		<MDL	623	352	U	<MDL	543	290	U
Vanadium-48									<MDL	6.36	3.57	U
Zinc-65									<MDL	7.18	4.2	U

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	Well ID: 098-22 Date: 07/20/01 Depth: 39				Well ID: 098-22 Date: 11/26/01 Depth: 39				Well ID: 098-30 Date: 01/17/01 Depth: 38			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Bismuth-214												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90	.699	.339	.218	J-N2	.557	.167	.121	J	5.28	.453	.399	
Tritium	<MDL	492	291	U	<MDL	380	231	U	5890	430	443	
Vanadium-48												
Zinc-65												

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Project: OU I (South Boundary)

	Well ID: 098-30 Date: 04/30/01 Depth: 38				Well ID: 098-30 Date: 07/19/01 Depth: 38				Well ID: 098-30 Date: 11/19/01 Depth: 38			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	14.5	7.94	U								
Beryllium-7	<MDL	22.3	12.9	U								
Bismuth-214												
Cesium-134	<MDL	2.46	1.42	U								
Cesium-137	<MDL	2.49	1.41	U								
Co-60	<MDL	3.08	1.66	U								
Cobalt-57	<MDL	2.23	1.27	U								
Europium-152	<MDL	7.18	4.32	U								
Europium-154	<MDL	7.61	7.45	U								
Europium-155	<MDL	8.73	5.07	U								
Gross Alpha	<MDL	.999	.489	U								
Gross Beta	12	1.93	1.6									
Manganese-54	<MDL	2.64	1.4	U								
Sodium-22	<MDL	2.14	2.66	U								
Strontium-90	4.54	1.09	.879		5.08	.431	.454		5.84	.498	.499	
Tritium	6290	546	531		4500	470	442		11400	374	536	
Vanadium-48	<MDL	4.52	4.15	U								
Zinc-65	<MDL	4.44	2.75	U								

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	Well ID: 098-33 Date: 01/09/01 Depth: 70				Well ID: 098-33 Date: 04/17/01 Depth: 70				Well ID: 098-33 Date: 07/11/01 Depth: 70			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241					<MDL	12.9	7.36	U				
Beryllium-7					<MDL	18.8	11.8	U				
Bismuth-214												
Cesium-134					<MDL	2.2	1.44	U				
Cesium-137					<MDL	2.22	1.2	U				
Co-60					<MDL	2.64	1.36	U				
Cobalt-57					<MDL	2.11	1.27	U				
Europium-152					<MDL	6.3	3.73	U				
Europium-154					<MDL	7.11	3.94	U				
Europium-155					<MDL	9.07	5.35	U				
Gross Alpha					<MDL	1.77	.836	UJ				
Gross Beta					<MDL	3.08	1.51	UJ				
Manganese-54					<MDL	2.29	1.3	U				
Sodium-22					<MDL	2.55	1.41	U				
Strontium-90	<MDL	.318	.192	U	<MDL	.742	.279	U	<MDL	.365	.217	U
Tritium	<MDL	495	276	U	<MDL	450	242	U	<MDL	357	217	U
Vanadium-48					<MDL	3.79	2.04	U				
Zinc-65					<MDL	5.06	3.05	U				

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Project: OU I (South Boundary)

	Well ID: 098-33 Date: 11/19/01 Depth: 70				Well ID: 098-58 Date: 01/08/01 Depth: 95				Well ID: 098-58 Date: 04/25/01 Depth: 95			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241									<MDL	12.1	6.81	U
Beryllium-7									<MDL	19.3	11.4	U
Bismuth-214												
Cesium-134									<MDL	2.09	1.41	U
Cesium-137									<MDL	2.27	1.29	U
Co-60									<MDL	2.36	1.29	U
Cobalt-57									<MDL	1.92	1.32	U
Europium-152									<MDL	6.67	3.65	U
Europium-154									<MDL	5.66	3.51	U
Europium-155									<MDL	8.23	4.77	U
Gross Alpha									<MDL	1.91	.907	UJ
Gross Beta									<MDL	3.22	1.61	UJ
Manganese-54									<MDL	2.29	1.51	U
Sodium-22									<MDL	2.02	1.25	U
Strontium-90	<MDL	.481	.224	U	<MDL	.283	.166	U	<MDL	.579	.261	U
Tritium	<MDL	385	229	U	<MDL	495	287	U	<MDL	490	275	U
Vanadium-48									<MDL	3.88	1.99	U
Zinc-65									<MDL	5.14	2.85	U

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Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID: 098-58 Date: 07/18/01 Depth: 95				Well ID: 098-58 Date: 11/16/01 Depth: 95				Well ID: 098-59 Date: 01/09/01 Depth: 135			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Bismuth-214												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90	<MDL	.649	.307	U	<MDL	.207	.12	U	<MDL	.337	.195	U
Tritium	<MDL	397	245	U	<MDL	447	257	U	<MDL	527	322	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
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	Well ID: 098-59 Date: 04/25/01 Depth: 135				Well ID: 098-59 Date: 07/18/01 Depth: 135				Well ID: 098-59 Date: 11/16/01 Depth: 135			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	18.8	15.8	U								
Beryllium-7	<MDL	21	12	U								
Bismuth-214												
Cesium-134	<MDL	2.09	1.4	U								
Cesium-137	<MDL	2.31	1.31	U								
Co-60	<MDL	2.62	1.36	U								
Cobalt-57	<MDL	2.15	1.95	U								
Europium-152	<MDL	7.06	3.84	U								
Europium-154	<MDL	7.74	4.56	U								
Europium-155	<MDL	9.29	5.48	U								
Gross Alpha	<MDL	1.68	.459	UJ								
Gross Beta	2.97	2.93	1.55	J-N2								
Manganese-54	<MDL	2.15	1.19	U								
Sodium-22	<MDL	2.77	1.63	U								
Strontium-90	<MDL	.551	.21	U	<MDL	.7	.332	U	<MDL	.201	.115	U
Tritium	<MDL	482	298	U	748	400	266	J	<MDL	445	271	U
Vanadium-48	<MDL	4.15	2.16	U								
Zinc-65	<MDL	4.76	2.98	U								

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Project: OU I (South Boundary)

	Well ID: 098-61 Date: 01/08/01 Depth: 125				Well ID: 098-61 Date: 04/24/01 Depth: 125				Well ID: 098-61 Date: 07/13/01 Depth: 125			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241					<MDL	4.44	4.07	U				
Beryllium-7					<MDL	21.9	12.6	U				
Bismuth-214												
Cesium-134					<MDL	2.37	1.56	U				
Cesium-137					<MDL	2.62	1.51	U				
Co-60					<MDL	2.58	1.52	U				
Cobalt-57					<MDL	1.7	1	U				
Europium-152					<MDL	6.68	3.88	U				
Europium-154					<MDL	7.16	4.51	U				
Europium-155					<MDL	6.9	4.05	U				
Gross Alpha					<MDL	1.6	.714	UJ				
Gross Beta					<MDL	1.63	.759	UJ				
Manganese-54					<MDL	2.62	1.52	U				
Sodium-22					<MDL	2.56	1.61	U				
Strontium-90	<MDL	.306	.181	U	<MDL	.806	.36	U-DL	<MDL	.527	.267	UJ-T
Tritium	<MDL	505	270	U	<MDL	493	277	U	<MDL	370	221	U
Vanadium-48					<MDL	3.64	2.21	U				
Zinc-65					<MDL	5.54	3.39	U				

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Project: OU I (South Boundary)

	Well ID: 098-61 Date: 11/19/01 Depth: 125				Well ID: 098-62 Date: 01/08/01 Depth: 110				Well ID: 098-62 Date: 04/26/01 Depth: 110			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241									<MDL	14.4	8.11	U
Beryllium-7									<MDL	19.5	21	U
Bismuth-214												
Cesium-134									<MDL	2.18	1.57	U
Cesium-137									<MDL	2.42	1.47	U
Co-60									<MDL	2.49	1.44	U
Cobalt-57									<MDL	2.15	1.28	U
Europium-152									<MDL	6.88	3.96	U
Europium-154									<MDL	6.93	3.98	U
Europium-155									<MDL	9.08	5.39	U
Gross Alpha									<MDL	1.97	1.03	UJ
Gross Beta									<MDL	2.81	1.35	UJ
Manganese-54									<MDL	2.44	1.33	U
Sodium-22									<MDL	2.47	1.42	U
Strontium-90	<MDL	.466	.195	U	<MDL	.354	.198	U	.508	.503	.268	J-N2
Tritium	<MDL	381	219	U	<MDL	511	281	U	<MDL	533	297	U
Vanadium-48									<MDL	4.33	2.33	U
Zinc-65									<MDL	4.39	2.8	U

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	Well ID: 098-62 Date: 07/13/01 Depth: 110				Well ID: 098-62 Date: 11/13/01 Depth: 110				Well ID: 098-63 Date: 01/08/01 Depth: 140			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Bismuth-214												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90	<MDL	.539	.265	UJ-T	<MDL	.518	.237	U	<MDL	.328	.189	U
Tritium	<MDL	361	217	U	<MDL	476	278	U	<MDL	539	290	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
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	Well ID: 098-63 Date: 04/26/01 Depth: 140				Well ID: 098-63 Date: 07/13/01 Depth: 140				Well ID: 098-63 Date: 11/13/01 Depth: 140			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	12.6	8.17	U								
Beryllium-7	<MDL	22.5	12.3	U								
Bismuth-214												
Cesium-134	<MDL	2.17	1.33	U								
Cesium-137	<MDL	2.52	1.44	U								
Co-60	<MDL	2.41	1.18	U								
Cobalt-57	<MDL	2.12	1.24	U								
Europium-152	<MDL	6.65	4.07	U								
Europium-154	<MDL	7.17	3.52	U								
Europium-155	<MDL	8.88	5.02	U								
Gross Alpha	3.28	1.77	1.53	J-N2								
Gross Beta	<MDL	2.81	1.35	UJ								
Manganese-54	<MDL	2.75	1.49	U								
Sodium-22	<MDL	2.56	1.26	U								
Strontium-90	<MDL	.779	.315	U	<MDL	.493	.25	UJ-T	<MDL	.55	.258	U
Tritium	<MDL	547	300	U	<MDL	361	220	U	<MDL	461	256	U
Vanadium-48	<MDL	2.94	1.83	U								
Zinc-65	<MDL	4.96	2.26	U								

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	Well ID: 099-04 Date: 01/09/01 Depth: 120				Well ID: 099-04 Date: 04/17/01 Depth: 120				Well ID: 099-04 Date: 04/17/01 Depth: 120			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241					<MDL	5.36	3.57	U	<MDL	15.4	9.59	U
Beryllium-7					<MDL	22.4	20.6	U	<MDL	114	61.1	U
Bismuth-214												
Cesium-134					<MDL	2.98	1.72	U	<MDL	2.95	1.63	U
Cesium-137					<MDL	3.55	1.93	U	<MDL	3.19	1.74	U
Co-60					<MDL	3.16	1.78	U	<MDL	3.76	2.04	U
Cobalt-57					<MDL	2.01	1.21	U	<MDL	3.25	1.84	U
Europium-152					<MDL	7.49	4.75	U	<MDL	7.92	5.05	U
Europium-154					<MDL	7.99	5.54	U	<MDL	8.37	4.46	U
Europium-155					<MDL	8.23	4.89	U	<MDL	10.6	6.12	U
Gross Alpha					<MDL	1.07	.599	U				
Gross Beta					<MDL	2.63	1.35	U				
Manganese-54					<MDL	3.03	2.17	U	<MDL	3.07	2.28	U
Sodium-22					<MDL	2.86	1.98	U	<MDL	3.16	1.68	U
Strontium-90	<MDL	.372	.211	U	<MDL	.458	.195	U				
Tritium	<MDL	496	280	U								
Vanadium-48					<MDL	5.53	3.04	U				
Zinc-65					<MDL	7.18	4.07	U	<MDL	9.26	4.96	U

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	Well ID: 099-04 Date: 07/11/01 Depth: 120				Well ID: 099-04 Date: 11/08/01 Depth: 120				Well ID: 107-10 Date: 01/09/01 Depth: 120			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Bismuth-214												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90	<MDL	.566	.283	UJ-T	<MDL	.426	.246	U	<MDL	.44	.254	U
Tritium	<MDL	357	209	U	<MDL	394	242	U	<MDL	494	280	U
Vanadium-48												
Zinc-65												

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	Well ID: 107-10 Date: 04/25/01 Depth: 120				Well ID: 107-10 Date: 07/11/01 Depth: 120				Well ID: 107-10 Date: 11/13/01 Depth: 120			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	13.2	9.21	U								
Beryllium-7	<MDL	31.4	17.8	U								
Bismuth-214												
Cesium-134	<MDL	3.23	2.31	U								
Cesium-137	<MDL	3.46	1.99	U								
Co-60	<MDL	3.61	2.03	U								
Cobalt-57	<MDL	2.81	1.69	U								
Europium-152	<MDL	9.63	5.66	U								
Europium-154	<MDL	10.5	5.02	U								
Europium-155	<MDL	11.4	7.1	U								
Gross Alpha	<MDL	1.9	.888	UJ								
Gross Beta	<MDL	3.08	1.38	UJ								
Manganese-54	<MDL	3.19	1.93	U								
Sodium-22	<MDL	3.19	1.79	U								
Strontium-90	<MDL	.763	.334	U	<MDL	.521	.253	UJ-T	<MDL	.543	.256	U
Tritium	<MDL	484	278	U	<MDL	357	207	U	<MDL	495	287	U
Vanadium-48	<MDL	5.08	2.82	U								
Zinc-65	<MDL	6.98	4.05	U								

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	Well ID: 107-23 Date: 01/09/01 Depth: 120				Well ID: 107-23 Date: 04/18/01 Depth: 120				Well ID: 107-23 Date: 07/11/01 Depth: 120			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241					<MDL	18.9	15.3	U				
Beryllium-7					<MDL	19.1	12.5	U				
Bismuth-214												
Cesium-134					<MDL	2.12	1.26	U				
Cesium-137					<MDL	2.49	1.33	U				
Co-60					<MDL	2.72	1.79	U				
Cobalt-57					<MDL	2.12	1.28	U				
Europium-152					<MDL	7.21	4.12	U				
Europium-154					<MDL	7.67	4.11	U				
Europium-155					<MDL	8.98	5.56	U				
Gross Alpha					<MDL	1.32	.819	U				
Gross Beta					<MDL	2.7	1.36	U				
Manganese-54					2.77	2.77	2.44	J-IN2				
Sodium-22					<MDL	2.73	1.47	U				
Strontium-90	<MDL	.445	.257	U	<MDL	.829	.297	U-DL	<MDL	.545	.265	UJ-T
Tritium	551	499	311	J-N2	1360	473	328		1330	367	270	
Vanadium-48					<MDL	3.09	1.7	U				
Zinc-65					<MDL	4.75	2.97	U				

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Project: OU I (South Boundary)

	Well ID: 107-23 Date: 11/13/01 Depth: 120				Well ID: 107-24 Date: 01/09/01 Depth: 78				Well ID: 107-24 Date: 04/18/01 Depth: 78			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241									<MDL	17.9	10.6	U
Beryllium-7									<MDL	20.2	11.3	U
Bismuth-214												
Cesium-134									<MDL	2.04	1.4	U
Cesium-137									<MDL	2.37	1.38	U
Co-60									<MDL	2.34	1.3	U
Cobalt-57									<MDL	1.97	1.49	U
Europium-152									<MDL	6.53	3.78	U
Europium-154									<MDL	6.63	3.68	U
Europium-155									<MDL	8.66	5.14	U
Gross Alpha									<MDL	1.58	.878	U
Gross Beta									3.85	3.06	1.66	J-N2
Manganese-54									<MDL	2.1	1.17	U
Sodium-22									<MDL	2.37	1.32	U
Strontium-90	<MDL	.589	.297	UJ	<MDL	.331	.188	U	<MDL	.77	.32	U
Tritium	1170	487	328		519	496	307	J-N2	<MDL	454	276	U
Vanadium-48									<MDL	3.35	1.99	U
Zinc-65									<MDL	4.1	4.47	U

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	Well ID: 107-24 Date: 07/19/01 Depth: 78				Well ID: 107-24 Date: 11/09/01 Depth: 78				Well ID: 107-25 Date: 01/09/01 Depth: 118			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Bismuth-214												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90	<MDL	.58	.27	UJ-T	<MDL	.558	.275	U	<MDL	.329	.188	U
Tritium	624	466	296	J-N2	542	408	260	J-N2	<MDL	505	287	U
Vanadium-48												
Zinc-65												

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	Well ID: 107-25 Date: 04/18/01 Depth: 118				Well ID: 107-25 Date: 07/11/01 Depth: 118				Well ID: 107-25 Date: 11/09/01 Depth: 118			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	18.4	10.2	U								
Beryllium-7	<MDL	19	10.3	U								
Bismuth-214												
Cesium-134	<MDL	1.93	1.1	U								
Cesium-137	4.27	3.08	1.57	J-IN2								
Co-60	<MDL	2.33	1.23	U								
Cobalt-57	<MDL	1.95	1.1	U								
Europium-152	<MDL	6.61	3.72	U								
Europium-154	<MDL	6.83	4.26	U								
Europium-155	<MDL	8.47	4.63	U								
Gross Alpha	<MDL	1.76	.989	U								
Gross Beta	<MDL	3.29	1.59	U								
Manganese-54	<MDL	2.19	1.22	U								
Sodium-22	<MDL	2.44	1.52	U								
Strontium-90	<MDL	.537	.235	U	<MDL	.584	.276	UJ-T	<MDL	.62	.294	U
Tritium	<MDL	448	256	U	379	368	229	J-N2	622	405	262	J-N2
Vanadium-48	<MDL	3.29	1.9	U								
Zinc-65	<MDL	4.27	2.88	U								

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	Well ID: 107-26 Date: 01/11/01 Depth: 140				Well ID: 107-26 Date: 04/25/01 Depth: 140				Well ID: 107-26 Date: 07/19/01 Depth: 140			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241					<MDL	15.8	9.39	U				
Beryllium-7					<MDL	23.8	12.6	U				
Bismuth-214												
Cesium-134					<MDL	2.39	1.54	U				
Cesium-137					<MDL	2.46	1.43	U				
Co-60					<MDL	2.83	1.55	U				
Cobalt-57					<MDL	2.15	1.29	U				
Europium-152					<MDL	7.39	4.64	U				
Europium-154					<MDL	8.31	4.32	U				
Europium-155					<MDL	9.33	5.34	U				
Gross Alpha					<MDL	2.36	1.28	UJ-DL				
Gross Beta					<MDL	3.59	1.67	UJ				
Manganese-54					<MDL	2.56	1.4	U				
Sodium-22					<MDL	2.97	1.54	U				
Strontium-90	<MDL	.699	.3	U	<MDL	.712	.332	U	<MDL	.352	.208	U
Tritium	1140	428	294		850	477	312	J	981	459	308	J
Vanadium-48					<MDL	3.77	2.27	U				
Zinc-65					<MDL	4.74	3.07	U				

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	Well ID: 107-26 Date: 11/16/01 Depth: 140				Well ID: 108-08 Date: 01/09/01 Depth: 61				Well ID: 108-08 Date: 04/24/01 Depth: 61			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241									<MDL	9.55	5.54	U
Beryllium-7									<MDL	15	9.06	U
Bismuth-214												
Cesium-134									<MDL	1.52	1.09	U
Cesium-137									<MDL	1.87	1.04	U
Co-60									<MDL	1.72	1.01	U
Cobalt-57									<MDL	1.57	.921	U
Europium-152									<MDL	5.35	3.1	U
Europium-154									<MDL	4.79	2.75	U
Europium-155									<MDL	6.72	3.84	U
Gross Alpha									<MDL	.977	.302	UJ
Gross Beta									2.67	1.61	.946	J
Manganese-54									<MDL	1.71	.969	U
Sodium-22									<MDL	1.71	.984	U
Strontium-90	<MDL	.317	.139	U	<MDL	.342	.207	U	<MDL	.727	.324	UJ
Tritium	1110	447	306		<MDL	459	260	U	<MDL	472	271	U
Vanadium-48									<MDL	2.74	1.49	U
Zinc-65									<MDL	3.59	2.08	U

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	Well ID: 108-08 Date: 07/11/01 Depth: 61				Well ID: 108-08 Date: 11/13/01 Depth: 66				Well ID: 108-12 Date: 01/12/01 Depth: 68			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Bismuth-214												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90	<MDL	.277	.163	U	<MDL	.631	.275	UJ	<MDL	.346	.198	U
Tritium	<MDL	349	209	U	<MDL	472	263	U	<MDL	514	304	U
Vanadium-48												
Zinc-65												

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Project: OU I (South Boundary)

	Well ID: 108-12 Date: 04/16/01 Depth: 68				Well ID: 108-12 Date: 07/18/01 Depth: 68				Well ID: 108-12 Date: 07/18/01 Depth: 68			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	13.5	8.41	U								
Beryllium-7	<MDL	19.9	12	U								
Bismuth-214												
Cesium-134	<MDL	2.22	1.44	U								
Cesium-137	<MDL	2.3	1.35	U								
Co-60	<MDL	2.44	1.37	U								
Cobalt-57	<MDL	2.1	1.25	U								
Europium-152	<MDL	6.57	3.72	U								
Europium-154	<MDL	6.44	3.96	U								
Europium-155	<MDL	8.81	5.14	U								
Gross Alpha	<MDL	.902	.533	U								
Gross Beta	4.95	2.36	1.47									
Manganese-54	<MDL	2.17	1.17	U								
Sodium-22	<MDL	2.32	1.42	U								
Strontium-90	--	--	--	R	<MDL	.365	.218	UJ-T				
	<MDL	.403	.238	UJ-T								
Tritium	<MDL	513	295	U					639	403	262	J-N2
Vanadium-48	<MDL	5.44	3.3	U								
Zinc-65	<MDL	5.34	3.13	U								

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	Well ID: 108-12 Date: 11/09/01 Depth: 68				Well ID: 108-13 Date: 01/12/01 Depth: 55				Well ID: 108-13 Date: 04/16/01 Depth: 55			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241									<MDL	18.7	12.4	U
Beryllium-7									<MDL	20.5	12.2	U
Bismuth-214												
Cesium-134									<MDL	1.93	1.17	U
Cesium-137									<MDL	2.35	1.32	U
Co-60									<MDL	2.34	1.34	U
Cobalt-57									<MDL	2.2	1.31	U
Europium-152									<MDL	7.2	3.99	U
Europium-154									<MDL	6.46	3.52	U
Europium-155									<MDL	8.67	5.3	U
Gross Alpha									<MDL	1.68	.58	U
Gross Beta									<MDL	2.69	1.25	U
Manganese-54									<MDL	2.16	1.2	U
Sodium-22									<MDL	2.32	1.27	U
Strontium-90	<MDL	.394	.231	U	<MDL	.32	.183	U	<MDL	.422	.24	UJ-T
									--	--	--	R
Tritium	1120	438	304		<MDL	536	301	U	<MDL	511	282	U
Vanadium-48									<MDL	5.18	3.08	U
Zinc-65									<MDL	4.8	2.78	U

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	Well ID: 108-13 Date: 07/12/01 Depth: 55				Well ID: 108-13 Date: 11/09/01 Depth: 55				Well ID: 108-14 Date: 01/12/01 Depth: 95			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Bismuth-214												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90	<MDL	.665	.372	UJ-T	<MDL	.407	.241	U	<MDL	.399	.228	U
Tritium	<MDL	357	205	U	<MDL	409	247	U	<MDL	436	251	U
Vanadium-48												
Zinc-65												

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	Well ID: 108-14 Date: 04/16/01 Depth: 95				Well ID: 108-14 Date: 07/18/01 Depth: 95				Well ID: 108-14 Date: 07/18/01 Depth: 95			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	12.3	6.91	U								
Beryllium-7	<MDL	21.1	12.5	U								
Bismuth-214												
Cesium-134	<MDL	2.02	1.21	U								
Cesium-137	<MDL	2.17	1.28	U								
Co-60	<MDL	2.81	1.46	U								
Cobalt-57	<MDL	1.98	1.51	U								
Europium-152	<MDL	6.08	3.38	U								
Europium-154	<MDL	7.47	4.17	U								
Europium-155	<MDL	8.26	4.78	U								
Gross Alpha	<MDL	1.49	.683	U								
Gross Beta	<MDL	2.47	1.18	U								
Manganese-54	<MDL	2.15	1.25	U								
Sodium-22	<MDL	2.69	1.5	U								
Strontium-90	--	--	--	R	<MDL	.468	.274	UJ-T				
	<MDL	.365	.218	UJ-T								
Tritium	<MDL	546	304	U					<MDL	406	240	U
Vanadium-48	<MDL	6.4	3.32	U								
Zinc-65	<MDL	4.88	2.67	U								

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	Well ID: 108-14 Date: 11/09/01 Depth: 95				Well ID: 108-17 Date: 01/12/01 Depth: 75				Well ID: 108-17 Date: 04/16/01 Depth: 75			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241									<MDL	16.6	10.5	U
Beryllium-7									<MDL	19.8	12.1	U
Bismuth-214												
Cesium-134									<MDL	1.87	1.07	U
Cesium-137									<MDL	1.96	1.08	U
Co-60									<MDL	2.2	1.12	U
Cobalt-57									<MDL	1.75	1.02	U
Europium-152									<MDL	5.86	3.37	U
Europium-154									<MDL	5.85	3.42	U
Europium-155									<MDL	7.99	4.66	U
Gross Alpha									<MDL	1.6	.74	U
Gross Beta									<MDL	2.43	1.27	U
Manganese-54									<MDL	1.74	1.1	U
Sodium-22									<MDL	2.1	1.23	U
Strontium-90	<MDL	.323	.187	U	<MDL	.39	.225	U	<MDL	.501	.296	U
Tritium	<MDL	415	251	U	<MDL	544	317	U	<MDL	537	307	U
Vanadium-48									<MDL	4.74	2.65	U
Zinc-65									<MDL	4.19	2.7	U

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	Well ID: 108-17 Date: 07/18/01 Depth: 75				Well ID: 108-17 Date: 11/09/01 Depth: 75				Well ID: 108-18 Date: 01/12/01 Depth: 105			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Bismuth-214												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90	<MDL	.637	.297	U	<MDL	.613	.296	U	<MDL	.346	.192	U
Tritium	<MDL	389	234	U	<MDL	418	244	U	<MDL	539	297	U
Vanadium-48												
Zinc-65												

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	Well ID: 108-18 Date: 04/16/01 Depth: 105				Well ID: 108-18 Date: 07/18/01 Depth: 105				Well ID: 108-18 Date: 07/18/01 Depth: 105			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	14	9.01	U								
Beryllium-7	<MDL	22.6	13	U								
Bismuth-214												
Cesium-134	<MDL	2.21	1.43	U								
Cesium-137	<MDL	2.22	1.32	U								
Co-60	<MDL	2.49	1.39	U								
Cobalt-57	<MDL	2.08	1.2	U								
Europium-152	<MDL	6.38	3.61	U								
Europium-154	<MDL	6.92	3.69	U								
Europium-155	<MDL	8.53	4.91	U								
Gross Alpha	<MDL	1.28	.62	U								
Gross Beta	<MDL	2.57	1.25	U								
Manganese-54	<MDL	2.24	1.24	U								
Sodium-22	<MDL	2.49	1.33	U								
Strontium-90	--	--	--	R	<MDL	.336	.195	UJ-T				
	<MDL	.362	.207	UJ-T								
Tritium	<MDL	552	336	U					604	397	257	J-N2
Vanadium-48	<MDL	5.18	2.85	U								
Zinc-65	<MDL	4.1	3.05	U								

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	Well ID: 108-18 Date: 11/09/01 Depth: 105				Well ID: 108-30 Date: 01/17/01 Depth: 100				Well ID: 108-30 Date: 04/16/01 Depth: 1000			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241									<MDL	19.3	12.1	U
Beryllium-7									<MDL	21.7	12.6	U
Bismuth-214												
Cesium-134									<MDL	1.86	1.75	U
Cesium-137									<MDL	2.29	1.28	U
Co-60									<MDL	2.64	1.33	U
Cobalt-57									<MDL	2.11	1.19	U
Europium-152									<MDL	6.23	3.78	U
Europium-154									--	--	--	R
Europium-155									<MDL	9.12	5.23	U
Gross Alpha									<MDL	1.78	1.02	U
Gross Beta									<MDL	3.46	1.81	U
Manganese-54									<MDL	2.11	1.14	U
Sodium-22									--	--	--	R
Strontium-90	<MDL	.606	.287	U	<MDL	.277	.157	U	--	--	--	R
									<MDL	.47	.271	UJ-T
Tritium	<MDL	440	271	U	<MDL	433	238	U	<MDL	562	307	U
Vanadium-48									<MDL	5.44	4.17	U
Zinc-65									<MDL	4.28	2.62	U

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	Well ID: 108-30 Date: 07/11/01 Depth: 100				Well ID: 108-30 Date: 11/13/01 Depth: 100				Well ID: 108-30 Date: 11/20/01 Depth: 100			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Bismuth-214												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90	<MDL	.481	.229	UJ-T	<MDL	.677	.307	UJ				
Tritium	<MDL	366	223	U	<MDL	493	271	U	<MDL	376	219	U
Vanadium-48												
Zinc-65												

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	Well ID: 115-03 Date: 01/11/01 Depth: 120				Well ID: 115-03 Date: 04/17/01 Depth: 120				Well ID: 115-03 Date: 04/17/01 Depth: 120			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241					<MDL	12.2	7.5	U	<MDL	14.8	8.54	U
Beryllium-7					<MDL	21	11.7	U	<MDL	97.4	54.7	U
Bismuth-214												
Cesium-134					<MDL	2.11	1.32	U	<MDL	2.59	1.9	U
Cesium-137					<MDL	2.38	1.33	U	<MDL	2.73	1.92	U
Co-60					<MDL	2.73	1.43	U	<MDL	3.15	1.67	U
Cobalt-57					<MDL	2.02	1.17	U	<MDL	3.39	1.91	U
Europium-152					<MDL	6.67	3.82	U	<MDL	8.38	4.48	U
Europium-154					<MDL	6.77	3.45	U	<MDL	10.2	4.91	U
Europium-155					<MDL	8.1	4.75	U	<MDL	10.2	6.01	U
Gross Alpha					<MDL	1.65	.756	UJ				
Gross Beta					<MDL	3.39	1.58	UJ				
Manganese-54					<MDL	2.27	1.24	U	<MDL	3.77	2.05	U
Sodium-22					<MDL	2.42	1.23	U	<MDL	3.87	1.86	U
Strontium-90	<MDL	.824	.353	U	<MDL	.494	.216	U				
Tritium	<MDL	421	231	U	<MDL	456	250	U				
Vanadium-48					<MDL	3.52	1.87	U				
Zinc-65					<MDL	4.23	2.94	U	<MDL	7.72	4.58	U

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Project: OU I (South Boundary)

	Well ID: 115-03 Date: 07/16/01 Depth: 120				Well ID: 115-03 Date: 11/16/01 Depth: 120				Well ID: 115-13 Date: 01/10/01 Depth: 145			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Bismuth-214												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90	<MDL	.705	.328	UJ-T	<MDL	.379	.163	U	<MDL	.837	.367	U-DL
Tritium	<MDL	407	242	U	<MDL	450	251	U	<MDL	436	242	U
Vanadium-48												
Zinc-65												

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Project: OU I (South Boundary)

	Well ID: 115-13 Date: 04/18/01 Depth: 145				Well ID: 115-13 Date: 07/13/01 Depth: 130				Well ID: 115-13 Date: 11/14/01 Depth: 145			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	12.7	7.17	U								
Beryllium-7	<MDL	20	11.5	U								
Bismuth-214	--	--	--	R-N4								
Cesium-134	<MDL	2	1.42	U								
Cesium-137	<MDL	2.45	1.37	U								
Co-60	<MDL	2.35	1.26	U								
Cobalt-57	<MDL	1.94	1.18	U								
Europium-152	<MDL	6.51	3.67	U								
Europium-154	<MDL	6.74	3.79	U								
Europium-155	<MDL	8.71	4.77	U								
Gross Alpha	<MDL	1.45	.626	UJ								
Gross Beta	<MDL	3.03	1.3	UJ								
Manganese-54	<MDL	1.96	1.22	U								
Sodium-22	<MDL	2.4	1.35	U								
Strontium-90	<MDL	.355	.157	U	<MDL	.39	.195	UJ-T	<MDL	.608	.284	UJ
Tritium	<MDL	447	237	U	<MDL	360	218	U	<MDL	467	253	U
Vanadium-48	<MDL	3.74	2.06	U								
Zinc-65	<MDL	4.47	3.07	U								

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Project: OU I (South Boundary)

	Well ID: 115-14 Date: 01/10/01 Depth: 185				Well ID: 115-14 Date: 04/18/01 Depth: 185				Well ID: 115-14 Date: 07/13/01 Depth: 185			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241					<MDL	13.7	10.4	U				
Beryllium-7					<MDL	17.2	10	U				
Bismuth-214					--	--	--	R-N4				
Cesium-134					<MDL	1.98	1.33	U				
Cesium-137					<MDL	2.22	1.33	U				
Co-60					<MDL	2.36	1.28	U				
Cobalt-57					<MDL	2	1.2	U				
Europium-152					<MDL	7.08	3.97	U				
Europium-154					<MDL	7.07	4	U				
Europium-155					<MDL	8.99	5.19	U				
Gross Alpha					<MDL	2.3	.931	U-DL				
Gross Beta					<MDL	3.91	1.96	U				
Manganese-54					<MDL	2.3	1.43	U				
Sodium-22					<MDL	2.52	1.43	U				
Strontium-90	<MDL	.791	.342	UJ	<MDL	.731	.294	U	<MDL	.523	.256	UJ-T
Tritium	3250	433	372		2870	430	356		4940	363	388	
Vanadium-48					<MDL	3.11	1.6	U				
Zinc-65					<MDL	5.3	3.42	U				

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Project: OU I (South Boundary)

	Well ID: 115-14 Date: 11/14/01 Depth: 185				Well ID: 115-15 Date: 01/10/01 Depth: 185				Well ID: 115-15 Date: 04/24/01 Depth: 185			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241									<MDL	11.9	9.68	U
Beryllium-7									<MDL	18.2	10.1	U
Bismuth-214												
Cesium-134									<MDL	1.88	1.18	U
Cesium-137									<MDL	1.95	1.13	U
Co-60									<MDL	2.18	1.18	U
Cobalt-57									<MDL	1.63	.976	U
Europium-152									<MDL	5.84	3.46	U
Europium-154									<MDL	5.38	3.99	U
Europium-155									<MDL	7.07	4.06	U
Gross Alpha									<MDL	1.35	.633	UJ
Gross Beta									2.76	1.72	1	J
Manganese-54									<MDL	1.86	1.07	U
Sodium-22									<MDL	1.93	1.43	U
Strontium-90	<MDL	.484	.218	U	<MDL	.717	.317	U	<MDL	.655	.274	U
Tritium	4340	442	405		1520	437	314		1580	487	349	
Vanadium-48									<MDL	3.39	1.79	U
Zinc-65									<MDL	3.71	2.38	U

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	Well ID: 115-15 Date: 07/16/01 Depth: 185				Well ID: 115-15 Date: 11/15/01 Depth: 185				Well ID: 115-16 Date: 01/10/01 Depth: 130			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Bismuth-214												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90	<MDL	.58	.285	U	<MDL	.289	.158	U	<MDL	.489	.234	U
Tritium	1740	409	315		1110	452	308		<MDL	440	245	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
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	Well ID: 115-16 Date: 04/24/01 Depth: 130				Well ID: 115-16 Date: 07/16/01 Depth: 130				Well ID: 115-16 Date: 11/15/01 Depth: 130			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	10.6	6.79	U								
Beryllium-7	<MDL	16.7	9.72	U								
Bismuth-214												
Cesium-134	<MDL	1.81	1.16	U								
Cesium-137	<MDL	1.98	1.38	U								
Co-60	<MDL	2.19	1.19	U								
Cobalt-57	<MDL	1.67	1.1	U								
Europium-152	<MDL	5.41	3.32	U								
Europium-154	<MDL	5.41	3.18	U								
Europium-155	<MDL	7.24	7.96	U								
Gross Alpha	<MDL	1.08	.491	UJ								
Gross Beta	<MDL	1.74	.896	UJ								
Manganese-54	<MDL	1.83	1.09	U								
Sodium-22	<MDL	1.93	1.14	U								
Strontium-90	<MDL	.471	.223	U	<MDL	.503	.289	U	<MDL	.274	.149	U
Tritium	<MDL	459	255	U	<MDL	409	244	U	<MDL	449	260	U
Vanadium-48	<MDL	2.99	1.95	U								
Zinc-65	<MDL	4.06	2.57	U								

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	Well ID: 115-28 Date: 01/10/01 Depth: 207				Well ID: 115-28 Date: 04/18/01 Depth: 207				Well ID: 115-28 Date: 07/13/01 Depth: 207			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241					<MDL	13.4	11.7	U				
Beryllium-7					<MDL	27.8	16	U				
Bismuth-214												
Cesium-134					<MDL	3.23	2.13	U				
Cesium-137					<MDL	3.76	2.13	U				
Co-60					<MDL	3.59	1.82	U				
Cobalt-57					<MDL	2.81	1.69	U				
Europium-152					<MDL	9.24	5.51	U				
Europium-154					<MDL	9.41	6.11	U				
Europium-155					<MDL	12.3	7.32	U				
Gross Alpha					<MDL	1.64	.834	U				
Gross Beta					<MDL	3.25	1.55	U				
Manganese-54					<MDL	3.38	1.88	U				
Sodium-22					<MDL	3.38	2.19	U				
Strontium-90	<MDL	.782	.325	UJ	<MDL	.8	.291	U-DL	<MDL	.438	.228	UJ-T
Tritium	2780	426	351		<MDL	481	273	U	1390	364	271	
Vanadium-48					<MDL	5.23	2.86	U				
Zinc-65					<MDL	7	4.04	U				

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	Well ID: 115-28 Date: 11/15/01 Depth: 207				Well ID: 115-29 Date: 01/10/01 Depth: 205				Well ID: 115-29 Date: 04/26/01 Depth: 205			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241									<MDL	12.2	7.73	U
Beryllium-7									<MDL	20.8	11.4	U
Bismuth-214												
Cesium-134									<MDL	2.27	1.44	U
Cesium-137									<MDL	2.61	1.4	U
Co-60									<MDL	2.59	1.36	U
Cobalt-57									<MDL	2.02	1.14	U
Europium-152									<MDL	6.2	3.61	U
Europium-154									<MDL	6.89	3.96	U
Europium-155									<MDL	8.85	4.99	U
Gross Alpha									<MDL	1.92	1.01	UJ
Gross Beta									<MDL	2.79	1.38	UJ
Manganese-54									<MDL	2.02	1.24	U
Sodium-22									<MDL	2.47	1.42	U
Strontium-90	<MDL	.34	.181	U	<MDL	.624	.267	U	<MDL	.737	.305	U
Tritium	1580	453	328		2090	429	330		882	541	349	J-N2
Vanadium-48									<MDL	3.52	1.86	U
Zinc-65									<MDL	5.79	3.19	U

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	Well ID: 115-29 Date: 07/16/01 Depth: 205				Well ID: 115-29 Date: 11/15/01 Depth: 205				Well ID: 115-30 Date: 01/10/01 Depth: 163			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Bismuth-214												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90	<MDL	.729	.348	UJ-T	<MDL	.296	.157	U	<MDL	.565	.253	U
Tritium	1130	408	288		2200	442	344		4300	435	405	
Vanadium-48												
Zinc-65												

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Project: OU I (South Boundary)

	Well ID: 115-30 Date: 04/24/01 Depth: 163				Well ID: 115-30 Date: 07/16/01 Depth: 163				Well ID: 115-30 Date: 11/16/01 Depth: 63			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	10.6	11.7	U								
Beryllium-7	<MDL	16.6	9.1	U								
Bismuth-214												
Cesium-134	<MDL	1.59	.957	U								
Cesium-137	<MDL	1.98	1.06	U								
Co-60	<MDL	1.76	1	U								
Cobalt-57	<MDL	1.53	.889	U								
Europium-152	<MDL	5.45	3.28	U								
Europium-154	<MDL	5.19	3.8	U								
Europium-155	<MDL	6.73	3.78	U								
Gross Alpha	<MDL	1.25	.48	UJ								
Gross Beta	<MDL	1.95	.908	UJ								
Manganese-54	<MDL	1.82	1.06	U								
Sodium-22	<MDL	1.85	1.36	U								
Strontium-90	<MDL	.727	.318	U	<MDL	.61	.272	UJ-T	<MDL	.334	.14	U
Tritium	532	482	301	J-N2	722	408	269	J	760	448	291	J
Vanadium-48	<MDL	2.8	1.64	U								
Zinc-65	<MDL	3.88	2.13	U								

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Project: OU I (South Boundary)

	Well ID: 115-31 Date: 01/10/01 Depth: 172				Well ID: 115-31 Date: 04/24/01 Depth: 172				Well ID: 115-31 Date: 07/13/01 Depth: 172			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241					<MDL	16.2	11.1	U				
Beryllium-7					<MDL	15.1	10.7	U				
Bismuth-214												
Cesium-134					<MDL	1.68	1.07	U				
Cesium-137					<MDL	1.82	.976	U				
Co-60					<MDL	2.03	1.17	U				
Cobalt-57					<MDL	1.68	.984	U				
Europium-152					<MDL	5.39	3.58	U				
Europium-154					<MDL	5.33	3.18	U				
Europium-155					<MDL	7.71	4.5	U				
Gross Alpha					<MDL	.919	.401	UJ				
Gross Beta					<MDL	1.68	.801	UJ				
Manganese-54					<MDL	1.77	1.03	U				
Sodium-22					<MDL	1.9	1.14	U				
Strontium-90	<MDL	.75	.334	UJ	<MDL	.535	.253	UJ	<MDL	.442	.215	UJ-T
Tritium	2980	433	362		797	471	306	J	1010	364	255	
Vanadium-48					<MDL	2.73	1.5	U				
Zinc-65					<MDL	3.36	2.24	U				

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	Well ID: 115-31 Date: 11/15/01 Depth: 172				Well ID: 115-36 Date: 01/11/01 Depth: 132				Well ID: 115-36 Date: 04/26/01 Depth: 132			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241									<MDL	12.7	7.06	U
Beryllium-7									<MDL	20.8	18.1	U
Bismuth-214												
Cesium-134									<MDL	2.1	1.51	U
Cesium-137									<MDL	2.69	1.42	U
Co-60									<MDL	2.78	1.53	U
Cobalt-57									<MDL	2.07	1.2	U
Europium-152									<MDL	6.46	3.83	U
Europium-154									<MDL	6.46	3.51	U
Europium-155									<MDL	8.65	4.78	U
Gross Alpha									<MDL	1.18	.706	UJ
Gross Beta									3.74	2.03	1.2	J
Manganese-54									<MDL	2.22	1.26	U
Sodium-22									<MDL	2.31	1.25	U
Strontium-90	<MDL	.355	.186	UJ-T	<MDL	.587	.259	U	<MDL	.711	.315	U
Tritium	1290	447	313		<MDL	440	271	U	<MDL	550	333	U
Vanadium-48									<MDL	3.98	2.15	U
Zinc-65									<MDL	4.82	2.93	U

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	Well ID: 115-36 Date: 07/19/01 Depth: 132				Well ID: 115-36 Date: 11/16/01 Depth: 132				Well ID: 115-41 Date: 01/11/01 Depth: 108			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Bismuth-214												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90	<MDL	.522	.236	U	<MDL	.224	.128	U	<MDL	.752	.323	U
Tritium	683	493	314	J-N2	524	449	281	J-N2	<MDL	425	236	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
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	Well ID: 115-41 Date: 04/26/01 Depth: 108				Well ID: 115-41 Date: 07/23/01 Depth: 108				Well ID: 115-41 Date: 11/15/01 Depth: 108			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	15.7	10.1	U								
Beryllium-7	<MDL	23	13.1	U								
Bismuth-214												
Cesium-134	<MDL	2.38	1.51	U								
Cesium-137	<MDL	2.53	1.41	U								
Co-60	<MDL	2.8	1.43	U								
Cobalt-57	<MDL	2.18	1.24	U								
Europium-152	<MDL	7.24	5.05	U								
Europium-154	<MDL	6.79	3.82	U								
Europium-155	<MDL	8.77	5.16	U								
Gross Alpha	<MDL	2.19	.737	UJDL								
Gross Beta	<MDL	3.14	1.49	UJ								
Manganese-54	<MDL	2.42	1.35	U								
Sodium-22	<MDL	2.43	1.37	U								
Strontium-90	<MDL	.587	.256	U	<MDL	.383	.23	UJ-T	<MDL	.261	.155	U
Tritium	<MDL	524	288	U	<MDL	393	227	U	<MDL	451	253	U
Vanadium-48	<MDL	4.06	2.51	U								
Zinc-65	<MDL	5.71	3.29	U								

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	Well ID: 115-42 Date: 01/11/01 Depth: 168				Well ID: 115-42 Date: 04/26/01 Depth: 168				Well ID: 115-42 Date: 07/23/01 Depth: 168			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241					<MDL	19.9	11.8	U				
Beryllium-7					<MDL	21.3	12.8	U				
Bismuth-214												
Cesium-134					<MDL	2.48	1.43	U				
Cesium-137					<MDL	2.54	1.43	U				
Co-60					<MDL	2.53	2.28	U				
Cobalt-57					<MDL	2.23	1.36	U				
Europium-152					<MDL	7.02	4	U				
Europium-154					<MDL	6.87	3.87	U				
Europium-155					<MDL	9.23	6.32	U				
Gross Alpha					<MDL	1.37	.604	UJ				
Gross Beta					<MDL	3.03	1.39	UJ				
Manganese-54					<MDL	2.06	1.2	U				
Sodium-22					<MDL	2.46	1.38	U				
Strontium-90	<MDL	.573	.25	U	<MDL	.83	.363	UDL	<MDL	.362	.217	U
Tritium	1710	426	315		2910	532	422		2470	367	313	
Vanadium-48					<MDL	3.68	1.93	U				
Zinc-65					<MDL	5.39	3.18	U				

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	Well ID: 115-42 Date: 11/15/01 Depth: 168				Well ID: 116-05 Date: 01/11/01 Depth: 105				Well ID: 116-05 Date: 04/16/01 Depth: 105			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241									<MDL	12	8.24	U
Beryllium-7									<MDL	24.6	13.6	U
Bismuth-214												
Cesium-134									<MDL	1.89	1.32	U
Cesium-137									<MDL	2.28	1.26	U
Co-60									<MDL	2.45	1.47	U
Cobalt-57									<MDL	2.03	1.17	U
Europium-152									<MDL	6.77	3.9	U
Europium-154									<MDL	7.57	3.84	U
Europium-155									<MDL	8.57	4.74	U
Gross Alpha									<MDL	1.73	.558	U
Gross Beta									<MDL	3.14	1.42	U
Manganese-54									<MDL	2.15	1.28	U
Sodium-22									<MDL	2.71	1.38	U
Strontium-90	<MDL	.205	.108	U	<MDL	.641	.271	U	<MDL	.422	.248	U
Tritium	1120	450	308		651	423	271	J-N2	523	492	306	J-N2
Vanadium-48									<MDL	5.53	2.96	U
Zinc-65									<MDL	4.86	2.73	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID: 116-05 Date: 07/16/01 Depth: 105				Well ID: 116-05 Date: 11/16/01 Depth: 105				Well ID: 116-06 Date: 01/11/01 Depth: 135			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Bismuth-214												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90	<MDL	.604	.3	U	<MDL	.318	.142	U	<MDL	.705	.304	UJ
Tritium	922	401	275	J	743	455	294	J-N2	683	435	280	J-N2
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID: 116-06 Date: 04/16/01 Depth: 135				Well ID: 116-06 Date: 07/16/01 Depth: 135				Well ID: 116-06 Date: 11/16/01 Depth: 135			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	12.2	7.69	U								
Beryllium-7	<MDL	22.9	13.3	U								
Bismuth-214												
Cesium-134	<MDL	2.06	1.38	U								
Cesium-137	<MDL	2.25	1.31	U								
Co-60	<MDL	2.37	1.34	U								
Cobalt-57	<MDL	1.94	1.12	U								
Europium-152	<MDL	6.56	4.11	U								
Europium-154	<MDL	6.97	3.64	U								
Europium-155	<MDL	8.14	4.71	U								
Gross Alpha	<MDL	1.71	.521	U								
Gross Beta	<MDL	2.83	1.22	U								
Manganese-54	<MDL	2.15	1.27	U								
Sodium-22	<MDL	2.5	1.31	U								
Strontium-90	1	.713	.399	N2	<MDL	.671	.314	U	<MDL	.374	.179	U
Tritium	763	542	345	J-N2	1040	407	283		734	444	288	J
Vanadium-48	<MDL	5.56	3.14	U								
Zinc-65	<MDL	4.88	2.65	U								

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID: 800-54 Date: 01/19/01 Depth: 155				Well ID: 800-54 Date: 06/11/01 Depth: 155				Well ID: 800-54 Date: 07/23/01 Depth: 155			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241					<MDL	14.9	9.54	U				
Beryllium-7					<MDL	33.3	18.9	U				
Bismuth-214												
Cesium-134					<MDL	3.3	2.27	U				
Cesium-137					<MDL	3.68	2	U				
Co-60					<MDL	4.23	2.27	U				
Cobalt-57					<MDL	2.47	1.46	U				
Europium-152					<MDL	9.67	5.91	U				
Europium-154					<MDL	10.3	5.71	U				
Europium-155					<MDL	11	6.28	U				
Gross Alpha					<MDL	1.23	.564	U				
Gross Beta					<MDL	1.88	.843	U				
Manganese-54					<MDL	3.39	1.98	U				
Sodium-22					<MDL	3.69	2.05	U				
Strontium-90					<MDL	.48	.217	UJ-D				
Tritium	<MDL	427	245	U	<MDL	344	206	U	<MDL	369	217	U
Vanadium-48												
Zinc-65					<MDL	7.88	4.42	U				

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU I (South Boundary)

	Well ID: 800-54 Date: 11/19/01 Depth: 155			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241				
Beryllium-7				
Bismuth-214				
Cesium-134				
Cesium-137				
Co-60				
Cobalt-57				
Europium-152				
Europium-154				
Europium-155				
Gross Alpha				
Gross Beta				
Manganese-54				
Sodium-22				
Strontium-90				
Tritium	<MDL	373	223	U
Vanadium-48				
Zinc-65				

OU III (CARBON TETRACHLORIDE)

ANALYTICAL RESULTS

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Carbon tet)

	Well ID:085-07 Date:02/16/01 Depth: 143			Well ID:085-07 Date:05/14/01 Depth: 143			Well ID:085-07 Date:08/08/01 Depth: 143		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	5.6	.5		4.7	.5		5.2	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	1.6	.5		1.5	.5		2.1	.5	
1,1-Dichloroethylene	4.2	.5		4	.5		4.4	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.3	.5		1.1	.5		1.2	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	1	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	1.8	.5		1.6	.5		1.7	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	14.5	0		12.9	0		14.6	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Carbon tet)

	Well ID:085-07 Date:10/31/01 Depth: 143			Well ID:085-13 Date:02/16/01 Depth: 253			Well ID:085-13 Date:05/14/01 Depth: 253		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	5.6	.5		9	.5		6.4	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	1.5	.5		1.2	.5		2.9	.5	
1,1-Dichloroethylene	4.3	.5		5.1	.5		5.4	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	1.5	.5		1.1	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.3	.5		1.4	.5		1	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.5	U	ND	.54	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	1.7	.5		1.5	.5		1.2	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	14.4	0		19.7	0		18	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Carbon tet)

	Well ID:085-13 Date:08/08/01 Depth: 253			Well ID:085-13 Date:10/31/01 Depth: 253			Well ID:085-16 Date:02/16/01 Depth: 45		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	1	U
1,1,1-Trichloroethane	6.8	.5		7.8	.5		3	1	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	1	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	1	U
1,1-Dichloroethane	4.1	.5		4.1	.5		ND	1	U
1,1-Dichloroethylene	7.2	.5		7.9	.5		.78	1	J
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	1	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	1	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	1	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	1	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	1	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	1	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	1	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	1	U
Benzene	ND	.5	U	ND	.5	U	ND	1	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	1	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	1	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	1	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	1	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	1	U
Bromoform	ND	.5	U	ND	.5	U	ND	1	U
Carbon tetrachloride	1.2	.5		1.3	.5		1930	10	D
Chlorobenzene	ND	.5	U	ND	.5	U	ND	1	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	1	U
Chloroethane	ND	.5	U	ND	.5	U	ND	1	U
Chloroform	1.1	.5		1.2	.5		22.6	1	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	1	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	1	U
Cymene	ND	.5	U	ND	.5	U	ND	1	U
DBCP	ND	.5	U	ND	.5	U	ND	1	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	1	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	1	U
Dichlorodifluoromethane	ND	.5	U	.46	.5	J	ND	1	U
EDB	ND	.5	U	ND	.5	U	ND	1	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	1	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	1	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	1	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	1	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	1	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	1	U
Methyl tert-butyl ether									
Methylene chloride	ND	.5	U	ND	.5	U	ND	1	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	1	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	1	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	1	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	1	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	1	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	1	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	1	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	1	U
Styrene	ND	.5	U	ND	.5	U	ND	1	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	1	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	2	1	
Toluene	ND	.55	U	ND	.5	U	ND	1	UJ
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	1	U
Trichloroethylene	.96	.5		.84	.5		ND	1	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	1	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	1	U
TVOC	21.36	0		23.6	0		1958.38	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Carbon tet)

	Well ID:085-16 Date:03/13/01 Depth: 45			Well ID:085-16 Date:05/14/01 Depth: 45			Well ID:085-16 Date:08/08/01 Depth: 45		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane				ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	2.9	2		2	.5		.39	.5	J
1,1,2,2-Tetrachloroethane	ND	2	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	2	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	2	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	.8	2	J	.62	.5		ND	.5	U
1,1-Dichloropropene				ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene				ND	.5	U	ND	.5	U
1,2,3-Trichloropropane				ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*				ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	2	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	2	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	2	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane				ND	.5	U	ND	.5	U
Benzene	ND	2	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl				ND	.5	U	2.6	.5	
Benzene, 1,3,5-trimethyl-				ND	.5	U	1.3	.5	
Benzene, 1-methylethyl-				ND	.5	U	.38	.5	J
Bromobenzene				ND	.5	U	ND	.5	U
Bromodichloromethane	ND	2	U	ND	.5	U	ND	.5	U
Bromoform	ND	2	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	1621	200		1050	10	D	1760	25	D
Chlorobenzene	ND	2	U	ND	.5	U	ND	.5	U
Chlorobromomethane				ND	.5	U	ND	.5	U
Chloroethane	ND	2	U	ND	.5	U	ND	.5	U
Chloroform	19.1	2		17.2	.5		43.4	.5	
cis-1,2-Dichloroethylene				ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	2	U	ND	.5	U	ND	.5	U
Cymene				ND	.5	U	ND	.5	U
DBCP				ND	.5	U	ND	.5	U
Dibromochloromethane	ND	2	U	ND	.5	U	ND	.5	U
Dibromomethane				ND	.5	U	ND	.5	U
Dichlorodifluoromethane				ND	.5	U	ND	.5	U
EDB				ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	2	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	2	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*				ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	2	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	2	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	2	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether	.8	2	J	1	.5		.94	.5	
Methylene chloride	ND	2	U	ND	.5	U	.45	.5	JB
n-Butylbenzene				ND	.5	U	ND	.5	U
n-Propylbenzene				ND	.5	U	.25	.5	J
Naphthalene*				ND	.5	U	.49	.5	JB
o-Chlorotoluene				ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	2	U	ND	.5	U	ND	.5	U
p-Chlorotoluene				ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	2	U	ND	.5	U	ND	.5	U
sec-Butylbenzene				ND	.5	U	ND	.5	U
Styrene				ND	.5	U	ND	.5	U
tert-Butylbenzene				ND	.5	U	ND	.5	U
Tetrachloroethylene	1.6	2	J	2.1	.5		7	.5	
Toluene	ND	2	U	ND	.5	U	ND	.7	U
trans-1,3-Dichloropropene	ND	2	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	2	U	ND	.5	U	.27	.5	J
Trichlorofluoromethane	ND	2	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	2	U	ND	.5	U	ND	.5	U
TVOC				1071.92	0		1850.17	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Carbon tet)

	Well ID:085-16 Date:09/17/01 Depth: 45			Well ID:085-16 Date:10/30/01 Depth: 45			Well ID:085-17 Date:02/16/01 Depth: 45		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane				ND	.5	U	ND	25	U
1,1,1-Trichloroethane	.6	2	J	.88	.5		ND	25	U
1,1,2,2-Tetrachloroethane	ND	2	U	ND	.5	U	ND	25	U
1,1,2-Trichloroethane	ND	2	U	ND	.5	U	ND	25	U
1,1-Dichloroethane	ND	2	U	ND	.5	U	ND	25	U
1,1-Dichloroethylene	ND	2	U	.29	.5	J	ND	25	U
1,1-Dichloropropene				ND	.5	U	ND	25	U
1,2,3-Trichlorobenzene				ND	.5	U	ND	25	U
1,2,3-Trichloropropane				ND	.5	U	ND	25	U
1,2,4-Trichlorobenzene*				ND	.5	U	ND	25	U
1,2-Dichloroethane	ND	2	U	ND	.5	U	ND	25	U
1,2-Dichloropropane	ND	2	U	ND	.5	U	ND	25	U
1,3-Dichloropropane	ND	2	U	ND	.5	U	ND	25	U
2,2-Dichloropropane				ND	.5	U	ND	25	U
Benzene	ND	2	U	ND	.5	U	ND	25	U
Benzene, 1,2,4-trimethyl				ND	.5	U	ND	25	U
Benzene, 1,3,5-trimethyl-				ND	.5	U	ND	25	U
Benzene, 1-methylethyl-				ND	.5	U	ND	25	U
Bromobenzene				ND	.5	U	ND	25	U
Bromodichloromethane	ND	2	U	ND	.5	U	ND	25	U
Bromoform	ND	2	U	ND	.5	U	ND	25	U
Carbon tetrachloride	1206	200	D	628	5	D	3760	25	
Chlorobenzene	ND	2	U	ND	.5	U	ND	25	U
Chlorobromomethane				ND	.5	U	ND	25	U
Chloroethane	ND	2	U	ND	.5	U	ND	25	U
Chloroform	23.9	2		10.5	.5		49.6	25	
cis-1,2-Dichloroethylene				ND	.5	U	ND	25	U
cis-1,3-Dichloropropene	ND	2	U	ND	.5	U	ND	25	U
Cymene				ND	.5	U	ND	25	U
DBCP				ND	.5	U	ND	25	U
Dibromochloromethane	ND	2	U	ND	.5	U	ND	25	U
Dibromomethane				ND	.5	U	ND	25	U
Dichlorodifluoromethane				ND	.5	U	ND	25	U
EDB				ND	.5	U	ND	25	U
Ethene, 1,2-dichloro-, (E)-	ND	2	U	ND	.5	U	ND	25	U
Ethylbenzene	ND	2	U	ND	.5	U	ND	25	U
Hexachlorobutadiene*				ND	.5	U	ND	25	U
m-Dichlorobenzene	ND	2	U	ND	.5	U	ND	25	U
Methyl bromide	ND	2	U	ND	.5	U	ND	25	U
Methyl chloride	ND	2	U	ND	.5	U	ND	25	U
Methyl tert-butyl ether	ND	2	U	.65	.5				
Methylene chloride	ND	2	U	ND	.5	U	19.1	25	J
n-Butylbenzene				ND	.5	U	ND	25	U
n-Propylbenzene				ND	.5	U	ND	25	U
Naphthalene*				ND	.5	U	ND	25	U
o-Chlorotoluene				ND	.5	U	ND	25	U
o-Dichlorobenzene	ND	2	U	ND	.5	U	ND	25	U
p-Chlorotoluene				ND	.5	U	ND	25	U
p-Dichlorobenzene	ND	2	U	ND	.5	U	ND	25	U
sec-Butylbenzene				ND	.5	U	ND	25	U
Styrene				ND	.5	U	ND	25	U
tert-Butylbenzene				ND	.5	U	ND	25	U
Tetrachloroethylene	3.5	2		1.8	.5		ND	25	U
Toluene	ND	2	U	ND	.5	U	ND	25	U
trans-1,3-Dichloropropene	ND	2	U	ND	.5	U	ND	25	U
Trichloroethylene	ND	2	U	.25	.5	J	ND	25	U
Trichlorofluoromethane	ND	2	U	ND	.5	U	ND	25	U
Vinyl chloride	ND	2	U	ND	.5	U	ND	25	U
TVOC				642.37	0		3828.7	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Carbon tet)

	Well ID:085-17 Date:03/13/01 Depth: 45			Well ID:085-17 Date:05/14/01 Depth: 45			Well ID:085-17 Date:08/08/01 Depth: 43		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane				ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	2	U	.62	.5		.48	.5	J
1,1,2,2-Tetrachloroethane	ND	2	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	.6	2	J	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	2	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	2	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene				ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene				ND	.5	U	ND	.5	U
1,2,3-Trichloropropane				ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*				ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	2	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	2	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	2	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane				ND	.5	U	ND	.5	U
Benzene	ND	2	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl				ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-				ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-				ND	.5	U	ND	.5	U
Bromobenzene				ND	.5	U	ND	.5	U
Bromodichloromethane	ND	2	U	ND	.5	U	ND	.5	U
Bromoform	ND	2	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	2353	200		1180	10	D	710	10	D
Chlorobenzene	ND	2	U	ND	.5	U	ND	.5	U
Chlorobromomethane				ND	.5	U	ND	.5	U
Chloroethane	ND	2	U	ND	.5	U	ND	.5	U
Chloroform	25.5	2		11.4	.5		12.8	.5	
cis-1,2-Dichloroethylene				ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	2	U	ND	.5	U	ND	.5	U
Cymene				ND	.5	U	ND	.5	U
DBCP				ND	.5	U	ND	.5	U
Dibromochloromethane	ND	2	U	ND	.5	U	ND	.5	U
Dibromomethane				ND	.5	U	ND	.5	U
Dichlorodifluoromethane				ND	.5	U	ND	.5	U
EDB				ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	2	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	2	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*				ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	2	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	2	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	2	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether	.6	2	J	2.2	.5		1.1	.5	
Methylene chloride	ND	2	U	ND	.5	U	ND	.5	U
n-Butylbenzene				ND	.5	U	ND	.5	U
n-Propylbenzene				ND	.5	U	ND	.5	U
Naphthalene*				ND	.5	U	ND	.5	U
o-Chlorotoluene				ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	2	U	ND	.5	U	ND	.5	U
p-Chlorotoluene				ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	2	U	ND	.5	U	ND	.5	U
sec-Butylbenzene				ND	.5	U	ND	.5	U
Styrene				ND	.5	U	ND	.5	U
tert-Butylbenzene				ND	.5	U	ND	.5	U
Tetrachloroethylene	9.8	2		5	.5		4.2	.5	
Toluene	ND	2	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	2	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	2	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	2	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	2	U	ND	.5	U	ND	.5	U
TVOC				1197.02	0		728.58	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Carbon tet)

	Well ID:085-17 Date:09/17/01 Depth: 45			Well ID:085-17 Date:10/30/01 Depth: 45			Well ID:085-98 Date:02/16/01 Depth: 38		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane				ND	.5	U	ND	5	U
1,1,1-Trichloroethane	ND	2	U	.42	.5	J	ND	5	U
1,1,2,2-Tetrachloroethane	ND	2	U	ND	.5	U	ND	5	U
1,1,2-Trichloroethane	ND	2	U	ND	.5	U	ND	5	U
1,1-Dichloroethane	ND	2	U	ND	.5	U	ND	5	U
1,1-Dichloroethylene	ND	2	U	ND	.5	U	ND	5	U
1,1-Dichloropropene				ND	.5	U	ND	5	U
1,2,3-Trichlorobenzene				ND	.5	U	ND	5	U
1,2,3-Trichloropropane				ND	.5	U	ND	5	U
1,2,4-Trichlorobenzene*				ND	.5	U	ND	5	U
1,2-Dichloroethane	ND	2	U	ND	.5	U	ND	5	U
1,2-Dichloropropane	ND	2	U	ND	.5	U	ND	5	U
1,3-Dichloropropane	ND	2	U	ND	.5	U	ND	5	U
2,2-Dichloropropane				ND	.5	U	ND	5	U
Benzene	ND	2	U	ND	.5	U	ND	5	U
Benzene, 1,2,4-trimethyl				ND	.5	U	ND	5	U
Benzene, 1,3,5-trimethyl-				ND	.5	U	ND	5	U
Benzene, 1-methylethyl-				ND	.5	U	ND	5	U
Bromobenzene				ND	.5	U	ND	5	U
Bromodichloromethane	ND	2	U	ND	.5	U	ND	5	U
Bromoform	ND	2	U	ND	.5	U	ND	5	U
Carbon tetrachloride	607	200	D	602	5	D	657	5	
Chlorobenzene	ND	2	U	ND	.5	U	ND	5	U
Chlorobromomethane				ND	.5	U	ND	5	U
Chloroethane	ND	2	U	ND	.5	U	ND	5	U
Chloroform	14.1	2		16.3	.5		39.7	5	
cis-1,2-Dichloroethylene				ND	.5	U	ND	5	U
cis-1,3-Dichloropropene	ND	2	U	ND	.5	U	ND	5	U
Cymene				ND	.5	U	ND	5	U
DBCP				ND	.5	U	ND	5	U
Dibromochloromethane	ND	2	U	ND	.5	U	ND	5	U
Dibromomethane				ND	.5	U	ND	5	U
Dichlorodifluoromethane				ND	.5	U	ND	5	U
EDB				ND	.5	U	ND	5	U
Ethene, 1,2-dichloro-, (E)-	ND	2	U	ND	.5	U	ND	5	U
Ethylbenzene	ND	2	U	ND	.5	U	ND	5	U
Hexachlorobutadiene*				ND	.5	U	ND	5	U
m-Dichlorobenzene	ND	2	U	ND	.5	U	ND	5	U
Methyl bromide	ND	2	U	ND	.5	U	ND	5	U
Methyl chloride	ND	2	U	ND	.5	U	ND	5	U
Methyl tert-butyl ether	ND	2	U	2.9	.5				
Methylene chloride	ND	2	U	ND	.5	U	ND	8.8	U
n-Butylbenzene				ND	.5	U	ND	5	U
n-Propylbenzene				ND	.5	U	ND	5	U
Naphthalene*				ND	.5	U	ND	5	U
o-Chlorotoluene				ND	.5	U	ND	5	U
o-Dichlorobenzene	ND	2	U	ND	.5	U	ND	5	U
p-Chlorotoluene				ND	.5	U	ND	5	U
p-Dichlorobenzene	ND	2	U	ND	.5	U	ND	5	U
sec-Butylbenzene				ND	.5	U	ND	5	U
Styrene				ND	.5	U	ND	5	U
tert-Butylbenzene				ND	.5	U	ND	5	U
Tetrachloroethylene	3.3	2		4.3	.5		ND	5	U
Toluene	ND	2	U	ND	.5	U	ND	5	U
trans-1,3-Dichloropropene	ND	2	U	ND	.5	U	ND	5	U
Trichloroethylene	ND	2	U	ND	.5	U	ND	5	U
Trichlorofluoromethane	ND	2	U	ND	.5	U	ND	5	U
Vinyl chloride	ND	2	U	ND	.5	U	ND	5	U
TVOC				625.92	0		696.7	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Carbon tet)

	Well ID:085-98 Date:05/14/01 Depth: 38			Well ID:085-98 Date:08/08/01 Depth: 38			Well ID:085-98 Date:10/31/01 Depth: 38		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.76	.5		1.2	.5		.64	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	.35	.5	J	.27	.5	J
1,1-Dichloroethylene	ND	.5	U	.43	.5	J	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	12.5	.5		6.7	.5		7	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.59	.5		.89	.5		.66	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	13.85	0		9.57	0		8.57	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Carbon tet)

	Well ID:085-160 Date:02/16/01 Depth: 44			Well ID:085-160 Date:05/14/01 Depth: 44			Well ID:085-160 Date:08/09/01 Depth: 44		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	46.2	.5		27.8	.5		41.2	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.2	.5		1.1	.5		2.7	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	47.4	0		28.9	0		43.9	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Carbon tet)

	Well ID:085-160 Date:10/30/01 Depth: 44			Well ID:085-161 Date:02/16/01 Depth: 43			Well ID:085-161 Date:05/14/01 Depth: 43		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	17.8	.5		12.6	.5		9.1	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.62	.5		1.4	.5		.76	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.5	U	ND	.79	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	18.42	0		14	0		9.86	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Carbon tet)

	Well ID:085-161 Date:08/08/01 Depth: 43			Well ID:085-161 Date:10/31/01 Depth: 43			Well ID:085-162 Date:02/16/01 Depth: 39		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	3	.5		21.6	.5		83.7	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.34	.5	J	1.4	.5		1.6	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.5	U	ND	.5	U	ND	1.1	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	.34	.5	J	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	3.34	0		23.34	0		85.3	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Carbon tet)

	Well ID:085-162 Date:05/14/01 Depth: 39			Well ID:085-162 Date:08/08/01 Depth: 39			Well ID:085-162 Date:10/31/01 Depth: 39		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	.27	.5	J	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	46.9	.5		112	1	D	148	1	D
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.3	.5		3.6	.5		7.3	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	.27	.5	J	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	.28	.5	J	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.5	U	ND	.73	U	ND	.5	U
n-Butylbenzene	ND	.5	U	.28	.5	J	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	.27	.5	J	ND	.5	U
sec-Butylbenzene	ND	.5	U	.26	.5	J	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	.28	.5	J	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	48.24	0		118.15	0		155.3	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Carbon tet)

	Well ID:085-163 Date:02/16/01 Depth: 39			Well ID:085-163 Date:05/14/01 Depth: 39			Well ID:085-163 Date:08/08/01 Depth: 39		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	1.6	.5		ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.29	.5	J	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.67	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.89	0		0	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Carbon tet)

	Well ID:085-163 Date:10/30/01 Depth: 39			Well ID:085-238 Date:02/16/01 Depth: 35			Well ID:085-238 Date:05/14/01 Depth: 35		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.41	.5	J	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	.34	.5	J
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.5	U	ND	.65	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	.36	.5	J	.29	.5	J
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.68	0		.36	0		.63	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Carbon tet)

	Well ID:085-238 Date:08/09/01 Depth: 35			Well ID:085-238 Date:10/30/01 Depth: 35			Well ID:095-43 Date:02/12/01 Depth: 111		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	2.7	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	.78	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	.37	.5	J	.56	.5		ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	.52	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	.35	.5	J	.29	.5	J	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	.32	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	.72	.5	
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.72	0		.85	0		5.04	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Carbon tet)

	Well ID:095-43 Date:04/02/01 Depth: 111			Well ID:095-43 Date:07/03/01 Depth: 111			Well ID:095-43 Date:10/12/01 Depth: 111		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	4.1	.5		1.6	.5		.48	.5	J
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	1.3	.5		.41	.5	J	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	.54	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.6	.5		.37	.5	J	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	1.1	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	.67	.5		ND	.5	U
Toluene	.35	.5	J	ND	.5	U	.34	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.4	.5	J	.41	.5	J	.55	.5	
Trichlorofluoromethane	.48	.5	J	.37	.5	J	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	7.23	0		4.93	0		1.91	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Carbon tet)

	Well ID:095-45 Date:01/18/01 Depth: 111			Well ID:095-45 Date:04/02/01 Depth: 111			Well ID:095-45 Date:07/03/01 Depth: 138		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.9	.5		.87	.5		4	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	.36	.5	J	.31	.5	J	1.7	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	7.7	.5		9	.5		2.7	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	3.4	.5		3.9	.5		1.3	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	.38	.5	J	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	9.8	.5		11	.5		3.9	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	22.16	0		25.46	0		13.6	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Carbon tet)

	Well ID:095-45 Date:10/12/01 Depth: 111			Well ID:095-47 Date:01/23/01 Depth: 198			Well ID:095-47 Date:07/03/01 Depth: 198		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	5	.5		2.8	.5		2.2	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	.38	.5	J	ND	.5	U
1,1-Dichloroethylene	2.4	.5		1.2	.5		1.4	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	1.4	.5		10.4	.5		54.8	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.76	.5		.5	.5		1.2	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	1.1	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	1.1	.5		.43	.5	J
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	2.1	.5		1.6	.5		.99	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	11.66	0		17.98	0		62.12	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Carbon tet)

	Well ID:095-47 Date:10/10/01 Depth: 198			Well ID:095-53 Date:01/10/01 Depth: 90			Well ID:095-53 Date:04/02/01 Depth: 90		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	3.7	.5		ND	.5	U	.31	.5	J
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	.3	.5	J	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	2.7	.5		ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	33.8	.5		ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.94	.5		.37	.5	J	.51	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	.51	.5		ND	.5	U	ND	.5	U
Toluene	.5	.5		ND	.5	U	.37	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	1	.5		ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	43.45	0		.37	0		1.19	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Carbon tet)

	Well ID:095-53 Date:07/02/01 Depth: 90			Well ID:095-53 Date:10/09/01 Depth: 90			Well ID:095-88 Date:01/18/01 Depth: 160		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	2.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	3.4	2.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	2.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	2.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	2.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	2.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	2.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	2.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	2.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	2.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	2.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	2.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	2.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	2.5	U
Benzene	ND	.5	U	ND	.5	U	ND	2.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	2.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	2.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	2.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	2.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	2.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	2.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	203	2.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	2.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	2.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	2.5	U
Chloroform	.34	.5	J	ND	.5	U	ND	2.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	2.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	2.5	U
Cymene	ND	.5	U	ND	.5	U	ND	2.5	U
DBCP	ND	.5	U	ND	.5	U	ND	2.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	2.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	2.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	2.5	U
EDB	ND	.5	U	ND	.5	U	ND	2.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	2.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	2.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	2.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	2.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	2.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	2.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.5	U	ND	.84	U	ND	2.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	2.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	2.5	U
Naphthalene*	ND	1.1	U	ND	.5	U	ND	2.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	2.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	2.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	2.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	2.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	2.5	U
Styrene	ND	.5	U	ND	.5	U	ND	2.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	2.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	2.5	U
Toluene	ND	.5	U	ND	.5	U	1.5	2.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	2.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	2.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	2.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	2.5	U
TVOC	1.44	0		0	0		207.9	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Carbon tet)

	Well ID:095-88 Date:04/18/01 Depth: 158			Well ID:095-88 Date:07/02/01 Depth: 158			Well ID:095-88 Date:10/12/01 Depth: 158		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	2.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	3.3	2.5		2.1	.5		3.5	.5	
1,1,2,2-Tetrachloroethane	ND	2.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	2.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	2.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	2.5	U	.64	.5		1.4	.5	
1,1-Dichloropropene	ND	2.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	2.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	2.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	2.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	2.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	2.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	2.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	2.5	U	ND	.5	U	ND	.5	U
Benzene	ND	2.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	2.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	2.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	2.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	2.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	2.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	2.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	911	10	D	205	2.5	D	42	.5	
Chlorobenzene	ND	2.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	2.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	2.5	U	ND	.5	U	ND	.5	U
Chloroform	3.9	2.5		1.2	.5		.75	.5	
cis-1,2-Dichloroethylene	ND	2.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	2.5	U	ND	.5	U	ND	.5	U
Cymene	ND	2.5	U	ND	.5	U	ND	.5	U
DBCP	ND	2.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	2.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	2.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	2.5	U	ND	.5	U	ND	.5	U
EDB	ND	2.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	2.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	2.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	2.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	2.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	2.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	2.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	2.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	2.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	2.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	2.5	U	ND	1.1	U	ND	.5	U
o-Chlorotoluene	ND	2.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	2.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	2.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	2.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	2.5	U	ND	.5	U	ND	.5	U
Styrene	ND	2.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	2.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	2.5	U	.47	.5	J	.74	.5	
Toluene	ND	2.5	U	ND	.5	U	.27	.5	J
trans-1,3-Dichloropropene	ND	2.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	2.5	U	.6	.5		.63	.5	
Trichlorofluoromethane	ND	2.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	2.5	U	ND	.5	U	ND	.5	U
TVOC	918.2	0		211.11	0		49.29	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Carbon tet)

	Well ID:095-89 Date:01/18/01 Depth: 160			Well ID:095-89 Date:04/09/01 Depth: 160			Well ID:095-89 Date:07/02/01 Depth: 160		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	11.2	.5		14.6	.5		13.5	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	3.6	.5		3.5	.5		2.8	.5	
1,1-Dichloroethylene	8.7	.5		10.8	.5		8.6	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.3	.5		1.3	.5		.84	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	1.1	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	.27	.5	J	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	1	.5		.96	.5		.82	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	25.8	0		31.43	0		27.66	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Carbon tet)

	Well ID:095-89 Date:10/12/01 Depth: 160			Well ID:095-183 Date:02/16/01 Depth: 39			Well ID:095-183 Date:05/14/01 Depth: 39		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	1	U	ND	.5	U
1,1,1-Trichloroethane	10.7	.5		ND	1	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	1	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	1	U	ND	.5	U
1,1-Dichloroethane	2.9	.5		ND	1	U	ND	.5	U
1,1-Dichloroethylene	7.5	.5		ND	1	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	1	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	1	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	1	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	1	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	1	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	1	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	1	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	1	U	ND	.5	U
Benzene	ND	.5	U	ND	1	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	1	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	1	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	1	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	1	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	1	U	ND	.5	U
Bromoform	ND	.5	U	ND	1	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	154	2.5	D	77.9	.5	
Chlorobenzene	ND	.5	U	ND	1	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	1	U	ND	.5	U
Chloroethane	ND	.5	U	ND	1	U	ND	.5	U
Chloroform	.84	.5		2.4	1		.9	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	1	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	1	U	ND	.5	U
Cymene	ND	.5	U	ND	1	U	ND	.5	U
DBCP	ND	.5	U	ND	1	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	1	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	1	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	1	U	ND	.5	U
EDB	ND	.5	U	ND	1	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	1	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	1	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	1	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	1	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	1	U	ND	.5	U
Methyl chloride	.25	.5	J	ND	1	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.5	U	ND	2	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	1	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	1	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	1	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	1	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	1	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	1	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	1	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	1	U	ND	.5	U
Styrene	ND	.5	U	ND	1	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	1	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	5.9	1		2.8	.5	
Toluene	ND	.5	U	ND	1	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	1	U	ND	.5	U
Trichloroethylene	.74	.5		ND	1	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	1	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	1	U	ND	.5	U
TVOC	22.93	0		162.3	0		81.6	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Carbon tet)

	Well ID:095-183 Date:08/09/01 Depth: 39			Well ID:095-183 Date:10/30/01 Depth: 39			Well ID:095-185 Date:02/16/01 Depth: 47		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	11.6	.5		.63	.5		.72	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.85	U	ND	.5	U	ND	1	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	1.2	.5		.37	.5	J	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	12.8	0		1	0		.72	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Carbon tet)

	Well ID:095-185 Date:05/14/01 Depth: 47			Well ID:095-185 Date:08/08/01 Depth: 47			Well ID:095-185 Date:10/31/01 Depth: 47		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	1.6	.5		.87	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.5	U	ND	2	U	.69	.5	
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		1.6	0		1.56	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Carbon tet)

	Well ID:095-186 Date:02/16/01 Depth: 40			Well ID:095-186 Date:05/14/01 Depth: 45			Well ID:095-186 Date:08/08/01 Depth: 45		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	.44	.5	J	.59	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.68	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		.44	0		.59	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Carbon tet)

	Well ID:095-186 Date:10/31/01 Depth: 45			Well ID:104-11 Date:01/30/01 Depth: 190			Well ID:104-11 Date:07/13/01 Depth: 190		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	.35	.5	J
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	.26	.5	J
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	.4	.5	J	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.34	.5	J	.39	.5	J	.48	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	.25	.5	J	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	.87	.5		ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.86	0		.39	0		1.09	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Carbon tet)

	Well ID:104-11 Date:10/11/01 Depth: 190			Well ID:105-42 Date:01/26/01 Depth: 148			Well ID:105-42 Date:07/18/01 Depth: 148		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	2.3	.5		3.4	.5		7.5	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	.28	.5	J	ND	.5	U	.34	.5	J
1,1-Dichloroethylene	1.8	.5		.94	.5		3.4	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	.27	.5	J	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.6	.5		.4	.5	J	.37	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	4.3	.5		3.2	.5	
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	.5	.5		.49	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	4.98	0		9.81	0		15.3	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Carbon tet)

	Well ID:105-42 Date:10/11/01 Depth: 148		
Analyte	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U
1,1,1-Trichloroethane	6.4	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U
1,1-Dichloroethane	.37	.5	J
1,1-Dichloroethylene	3.6	.5	
1,1-Dichloropropene	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U
1,2-Dichloroethane	ND	.5	U
1,2-Dichloropropane	ND	.5	U
1,3-Dichloropropane	ND	.5	U
2,2-Dichloropropane	ND	.5	U
Benzene	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U
Bromobenzene	ND	.5	U
Bromodichloromethane	ND	.5	U
Bromoform	ND	.5	U
Carbon tetrachloride	ND	.5	U
Chlorobenzene	ND	.5	U
Chlorobromomethane	ND	.5	U
Chloroethane	ND	.5	U
Chloroform	.28	.5	J
cis-1,2-Dichloroethylene	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U
Cymene	ND	.5	U
DBCP	ND	.5	U
Dibromochloromethane	ND	.5	U
Dibromomethane	ND	.5	U
Dichlorodifluoromethane	ND	.5	U
EDB	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U
Ethylbenzene	ND	.5	U
Hexachlorobutadiene*	ND	.5	U
m-Dichlorobenzene	ND	.5	U
Methyl bromide	ND	.5	U
Methyl chloride	.26	.5	J
Methyl tert-butyl ether			
Methylene chloride	ND	.5	U
n-Butylbenzene	ND	.5	U
n-Propylbenzene	ND	.5	U
Naphthalene*	ND	.5	U
o-Chlorotoluene	ND	.5	U
o-Dichlorobenzene	ND	.5	U
p-Chlorotoluene	ND	.5	U
p-Dichlorobenzene	ND	.5	U
sec-Butylbenzene	ND	.5	U
Styrene	ND	.5	U
tert-Butylbenzene	ND	.5	U
Tetrachloroethylene	2.8	.5	
Toluene	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U
Trichloroethylene	.41	.5	J
Trichlorofluoromethane	ND	.5	U
Vinyl chloride	ND	.5	U
TVOC	14.12	0	

OU III (Bldg 96)

ANALYTICAL RESULTS

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:085-97 Date:01/19/01 Depth: 25			Well ID:085-97 Date:03/02/01 Depth: 25			Well ID:085-97 Date:04/20/01 Depth: 25		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.57	U	ND	.89	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		0	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:085-97 Date:06/28/01 Depth: 25			Well ID:085-97 Date:07/27/01 Depth: 25			Well ID:085-97 Date:08/23/01 Depth: 25		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.61	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.55	U	ND	.5	U	.34	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		0	0		.34	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:085-97 Date:09/13/01 Depth: 25			Well ID:085-97 Date:10/18/01 Depth: 25			Well ID:085-293 Date:01/22/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	25.3	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	.52	.5	
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	.31	.5	J
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	.62	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.12	.5	J	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	.14	.5	J	ND	.5	U	104	.5	E
Toluene	ND	.5	U	ND	.75	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	.75	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.26	0		0	0		131.5	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:085-293 Date:03/02/01 Depth: 50			Well ID:085-293 Date:04/20/01 Depth: 50			Well ID:085-293 Date:06/28/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.57	.5	J	87.2	.5		166	5	D
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	.82	.5	
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	2.6	.5		4.5	.5	
1,1-Dichloroethylene	ND	.5	U	3.4	.5		5.6	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	.35	.5	J	.81	.5	
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.96	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	1.1	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	2.1	.5	J	254	2.5	D	630	5	D
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	1	.5		2.2	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	2.67	0		348.55	0		809.93	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:085-293 Date:07/27/01 Depth: 50			Well ID:085-293 Date:08/23/01 Depth: 50			Well ID:085-293 Date:09/13/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	71.5	.5		74.6	5	D	3.9	.5	
1,1,2,2-Tetrachloroethane	.31	.5	J	.6	.5		ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	2.2	.5		2.4	.5		ND	.5	U
1,1-Dichloroethylene	3.9	.5		4	5	JD	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	.54	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	.33	.5	J	.12	.5	J
cis-1,2-Dichloroethylene	.41	.5	J	.68	.5		ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.99	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	265	2.5		362	5	D	13	.5	
Toluene	ND	.5	U	.29	.5	J	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	1.1	.5		1.3	.5		ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	344.42	0		446.2	0		17.56	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:085-293 Date:10/18/01 Depth: 50			Well ID:095-84 Date:01/22/01 Depth: 25			Well ID:095-84 Date:03/02/01 Depth: 25		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	12.5	U	ND	12.5	U
1,1,1-Trichloroethane	1.9	.5		12.1	12.5	J	87.7	12.5	J
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	12.5	U	ND	12.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	12.5	U	ND	12.5	U
1,1-Dichloroethane	ND	.5	U	ND	12.5	U	ND	12.5	U
1,1-Dichloroethylene	ND	.5	U	ND	12.5	U	ND	12.5	U
1,1-Dichloropropene	ND	.5	U	ND	12.5	U	ND	12.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	12.5	U	ND	12.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	12.5	U	ND	12.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	12.5	U	ND	12.5	U
1,2-Dichloroethane	ND	.5	U	ND	12.5	U	ND	12.5	U
1,2-Dichloropropane	ND	.5	U	ND	12.5	U	ND	12.5	U
1,3-Dichloropropane	ND	.5	U	ND	12.5	U	ND	12.5	U
2,2-Dichloropropane	ND	.5	U	ND	12.5	U	ND	12.5	U
Benzene	ND	.5	U	ND	12.5	U	ND	12.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	12.5	U	ND	12.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	12.5	U	ND	12.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	12.5	U	ND	12.5	U
Bromobenzene	ND	.5	U	ND	12.5	U	ND	12.5	U
Bromodichloromethane	ND	.5	U	ND	12.5	U	ND	12.5	U
Bromoform	ND	.5	U	ND	12.5	U	ND	12.5	U
Carbon tetrachloride	ND	.5	U	ND	12.5	U	ND	12.5	U
Chlorobenzene	ND	.5	U	ND	12.5	U	ND	12.5	U
Chlorobromomethane	ND	.5	U	ND	12.5	U	ND	12.5	U
Chloroethane	ND	.5	U	ND	12.5	U	ND	12.5	U
Chloroform	.3	.5	J	ND	12.5	U	ND	12.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	12.5	U	ND	12.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	12.5	U	ND	12.5	U
Cymene	ND	.5	U	ND	12.5	U	ND	12.5	U
DBCP	ND	.5	U	ND	12.5	U	ND	12.5	U
Dibromochloromethane	ND	.5	U	ND	12.5	U	ND	12.5	U
Dibromomethane	ND	.5	U	ND	12.5	U	ND	12.5	U
Dichlorodifluoromethane	ND	.5	U	ND	12.5	U	ND	12.5	U
EDB	ND	.5	U	ND	12.5	U	ND	12.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	12.5	U	ND	12.5	U
Ethylbenzene	ND	.5	U	ND	12.5	U	ND	12.5	U
Hexachlorobutadiene*	ND	.5	U	ND	12.5	U	ND	12.5	U
m-Dichlorobenzene	ND	.5	U	ND	12.5	U	ND	12.5	U
Methyl bromide	ND	.5	U	ND	12.5	U	ND	12.5	U
Methyl chloride	ND	.5	U	ND	12.5	U	ND	12.5	U
Methylene chloride	ND	.5	U	ND	12.5	U	ND	12.5	U
n-Butylbenzene	ND	.5	U	ND	12.5	U	ND	12.5	U
n-Propylbenzene	ND	.5	U	ND	12.5	U	ND	12.5	U
Naphthalene*	ND	.5	U	ND	12.5	U	ND	12.5	U
o-Chlorotoluene	ND	.5	U	ND	12.5	U	ND	12.5	U
o-Dichlorobenzene	ND	.5	U	ND	12.5	U	ND	12.5	U
p-Chlorotoluene	ND	.5	U	ND	12.5	U	ND	12.5	U
p-Dichlorobenzene	ND	.5	U	ND	12.5	U	ND	12.5	U
sec-Butylbenzene	ND	.5	U	ND	12.5	U	ND	12.5	U
Styrene	ND	.5	U	ND	12.5	U	ND	12.5	U
tert-Butylbenzene	ND	.5	U	ND	12.5	U	ND	12.5	U
Tetrachloroethylene	8.4	.5		2190	12.5		1240	12.5	J
Toluene	ND	.77	U	ND	12.5	U	ND	12.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	12.5	U	ND	12.5	U
Trichloroethylene	ND	.5	U	ND	12.5	U	ND	12.5	U
Trichlorofluoromethane	ND	.5	U	ND	12.5	U	ND	12.5	U
Vinyl chloride	ND	.5	U	ND	12.5	U	ND	12.5	U
TVOC	10.6	0		2202.1	0		1327.7	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:095-84 Date:04/20/01 Depth: 23			Well ID:095-84 Date:06/28/01 Depth: 25			Well ID:095-84 Date:07/27/01 Depth: 25		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	1	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	1	1		ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	1	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	1	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	1	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	1	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	1	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	1	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	1	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	1	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	1	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	1	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	1	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	1	U	ND	.5	U	ND	.5	U
Benzene	ND	1	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	1	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	1	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	1	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	1	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	1	U	ND	.5	U	ND	.5	U
Bromoform	ND	1	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	1	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	1	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	1	U	ND	.5	U	ND	.5	U
Chloroethane	ND	1	U	ND	.5	U	ND	.5	U
Chloroform	ND	1	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	1	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	1	U	ND	.5	U	ND	.5	U
Cymene	ND	1	U	ND	.5	U	ND	.5	U
DBCP	ND	1	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	1	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	1	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	1	U	ND	.5	U	ND	.5	U
EDB	ND	1	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	1	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	1	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	1	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	1	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	1	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	1	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	1.3	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	1	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	1	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	1	U	ND	1.1	U	ND	.5	U
o-Chlorotoluene	ND	1	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	1	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	1	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	1	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	1	U	ND	.5	U	ND	.5	U
Styrene	ND	1	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	1	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	182	1		28.9	.5		21.6	.5	
Toluene	ND	1	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	1	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	1	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	1	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	1	U	ND	.5	U	ND	.5	U
TVOC	183	0		28.9	0		21.6	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:095-84 Date:08/23/01 Depth: 25			Well ID:095-84 Date:09/13/01 Depth: 25			Well ID:095-84 Date:10/18/01 Depth: 25		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.56	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	17.8	.5		12	.5		9.5	.5	
Toluene	ND	.5	U	ND	.5	U	ND	.7	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	17.8	0		12	0		9.5	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:095-85 Date:01/22/01 Depth: 95			Well ID:095-85 Date:03/02/01 Depth: 95			Well ID:095-85 Date:04/20/01 Depth: 95		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.9	.5		ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.78	.5		4.9	.5		16.4	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	1	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	98.3	.5		27.9	.5	J	29.2	.5	
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	99.98	0		32.8	0		45.6	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:095-85 Date:06/28/01 Depth: 95			Well ID:095-85 Date:09/13/01 Depth: 95			Well ID:095-85 Date:10/18/01 Depth: 95		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	3.1	.5		1.5	.5		2.4	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	1.1	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	25.6	.5		23	.5		17.7	.5	
Toluene	ND	.5	U	ND	.5	U	ND	.64	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	28.7	0		24.5	0		20.1	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:095-159 Date:01/19/01 Depth: 50			Well ID:095-159 Date:03/02/01 Depth: 50			Well ID:095-159 Date:04/20/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	5	U	ND	2.5	U	ND	5	U
1,1,1-Trichloroethane	177	5		218	2.5	J	593	5	
1,1,2,2-Tetrachloroethane	ND	5	U	ND	2.5	U	ND	5	U
1,1,2-Trichloroethane	ND	5	U	ND	2.5	U	ND	5	U
1,1-Dichloroethane	3.1	5	J	3.9	2.5		12.8	5	
1,1-Dichloroethylene	14.5	5		19.2	2.5	J	66.9	5	
1,1-Dichloropropene	ND	5	U	ND	2.5	U	ND	5	U
1,2,3-Trichlorobenzene	ND	5	U	ND	2.5	U	ND	5	U
1,2,3-Trichloropropane	ND	5	U	ND	2.5	U	ND	5	U
1,2,4-Trichlorobenzene*	ND	5	U	ND	2.5	U	ND	5	U
1,2-Dichloroethane	ND	5	U	ND	2.5	U	ND	5	U
1,2-Dichloropropane	ND	5	U	ND	2.5	U	ND	5	U
1,3-Dichloropropane	ND	5	U	ND	2.5	U	ND	5	U
2,2-Dichloropropane	ND	5	U	ND	2.5	U	ND	5	U
Benzene	ND	5	U	ND	2.5	U	ND	5	U
Benzene, 1,2,4-trimethyl	ND	5	U	ND	2.5	U	ND	5	U
Benzene, 1,3,5-trimethyl-	ND	5	U	ND	2.5	U	ND	5	U
Benzene, 1-methylethyl-	ND	5	U	ND	2.5	U	ND	5	U
Bromobenzene	ND	5	U	ND	2.5	U	ND	5	U
Bromodichloromethane	ND	5	U	ND	2.5	U	ND	5	U
Bromoform	ND	5	U	ND	2.5	U	ND	5	U
Carbon tetrachloride	ND	5	U	ND	2.5	U	ND	5	U
Chlorobenzene	ND	5	U	ND	2.5	U	ND	5	U
Chlorobromomethane	ND	5	U	ND	2.5	U	ND	5	U
Chloroethane	ND	5	U	ND	2.5	U	ND	5	U
Chloroform	ND	5	U	ND	2.5	U	ND	5	U
cis-1,2-Dichloroethylene	ND	5	U	ND	2.5	U	ND	5	U
cis-1,3-Dichloropropene	ND	5	U	ND	2.5	U	ND	5	U
Cymene	ND	5	U	ND	2.5	U	ND	5	U
DBCP	ND	5	U	ND	2.5	U	ND	5	U
Dibromochloromethane	ND	5	U	ND	2.5	U	ND	5	U
Dibromomethane	ND	5	U	ND	2.5	U	ND	5	U
Dichlorodifluoromethane	ND	5	U	ND	2.5	U	ND	5	U
EDB	ND	5	U	ND	2.5	U	ND	5	U
Ethene, 1,2-dichloro-, (E)-	ND	5	U	ND	2.5	U	ND	5	U
Ethylbenzene	ND	5	U	ND	2.5	U	ND	5	U
Hexachlorobutadiene*	ND	5	U	ND	2.5	U	ND	5	U
m-Dichlorobenzene	ND	5	U	ND	2.5	U	ND	5	U
Methyl bromide	ND	5	U	ND	2.5	U	ND	5	U
Methyl chloride	ND	5	U	ND	2.5	U	ND	5	U
Methylene chloride	ND	5	U	ND	2.5	U	ND	5	U
n-Butylbenzene	ND	5	U	ND	2.5	U	ND	5	U
n-Propylbenzene	ND	5	U	ND	2.5	U	ND	5	U
Naphthalene*	ND	5	U	ND	2.5	U	ND	5	U
o-Chlorotoluene	ND	5	U	ND	2.5	U	ND	5	U
o-Dichlorobenzene	ND	5	U	ND	2.5	U	ND	5	U
p-Chlorotoluene	ND	5	U	ND	2.5	U	ND	5	U
p-Dichlorobenzene	ND	5	U	ND	2.5	U	ND	5	U
sec-Butylbenzene	ND	5	U	ND	2.5	U	ND	5	U
Styrene	ND	5	U	ND	2.5	U	ND	5	U
tert-Butylbenzene	ND	5	U	ND	2.5	U	ND	5	U
Tetrachloroethylene	428	5		421	2.5	J	500	5	
Toluene	ND	5	U	ND	2.5	U	ND	5	U
trans-1,3-Dichloropropene	ND	5	U	ND	2.5	U	ND	5	U
Trichloroethylene	ND	5	U	2.9	2.5		7.8	5	
Trichlorofluoromethane	ND	5	U	ND	2.5	U	ND	5	U
Vinyl chloride	ND	5	U	ND	2.5	U	ND	5	U
TVOC	622.6	0		665	0		1180.5	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:095-159 Date:06/28/01 Depth: 50			Well ID:095-159 Date:07/27/01 Depth: 50			Well ID:095-159 Date:08/23/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	230	5	D	11	.5		35.9	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	4.4	.5		ND	.5	U	.64	.5	
1,1-Dichloroethylene	28.3	.5		1.2	.5		3.9	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	.27	.5	J
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	334	5	D	54.7	.5		167	1	D
Toluene	ND	.58	U	ND	.5	U	.39	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	3.2	.5		ND	.5	U	.5	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	599.9	0		66.82	0		208.6	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:095-159 Date:09/13/01 Depth: 50			Well ID:095-159 Date:10/18/01 Depth: 50			Well ID:095-161 Date:01/19/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	2.5	U	ND	.5	U	ND	1	U
1,1,1-Trichloroethane	52	2.5		4.8	.5		38.5	1	
1,1,2,2-Tetrachloroethane	ND	2.5	U	ND	.5	U	ND	1	U
1,1,2-Trichloroethane	ND	2.5	U	ND	.5	U	ND	1	U
1,1-Dichloroethane	.9	2.5	J	ND	.5	U	ND	1	U
1,1-Dichloroethylene	3.4	2.5		.65	.5		1.5	1	
1,1-Dichloropropene	ND	2.5	U	ND	.5	U	ND	1	U
1,2,3-Trichlorobenzene	ND	2.5	U	ND	.5	U	ND	1	U
1,2,3-Trichloropropane	ND	2.5	U	ND	.5	U	ND	1	U
1,2,4-Trichlorobenzene*	ND	2.5	U	ND	.5	U	ND	1	U
1,2-Dichloroethane	ND	2.5	U	ND	.5	U	ND	1	U
1,2-Dichloropropane	ND	2.5	U	ND	.5	U	ND	1	U
1,3-Dichloropropane	ND	2.5	U	ND	.5	U	ND	1	U
2,2-Dichloropropane	ND	2.5	U	ND	.5	U	ND	1	U
Benzene	ND	2.5	U	ND	.5	U	ND	1	U
Benzene, 1,2,4-trimethyl	ND	2.5	U	ND	.5	U	ND	1	U
Benzene, 1,3,5-trimethyl-	ND	2.5	U	ND	.5	U	ND	1	U
Benzene, 1-methylethyl-	ND	2.5	U	ND	.5	U	ND	1	U
Bromobenzene	ND	2.5	U	ND	.5	U	ND	1	U
Bromodichloromethane	ND	2.5	U	ND	.5	U	ND	1	U
Bromoform	ND	2.5	U	ND	.5	U	ND	1	U
Carbon tetrachloride	7	2.5		ND	.5	U	ND	1	U
Chlorobenzene	ND	2.5	U	ND	.5	U	ND	1	U
Chlorobromomethane	ND	2.5	U	ND	.5	U	ND	1	U
Chloroethane	ND	2.5	U	ND	.5	U	ND	1	U
Chloroform	ND	2.5	U	ND	.5	U	ND	1	U
cis-1,2-Dichloroethylene	ND	2.5	U	ND	.5	U	ND	1	U
cis-1,3-Dichloropropene	ND	2.5	U	ND	.5	U	ND	1	U
Cymene	ND	2.5	U	ND	.5	U	ND	1	U
DBCP	ND	2.5	U	ND	.5	U	ND	1	U
Dibromochloromethane	ND	2.5	U	ND	.5	U	ND	1	U
Dibromomethane	ND	2.5	U	ND	.5	U	ND	1	U
Dichlorodifluoromethane	ND	2.5	U	ND	.5	U	ND	1	U
EDB	ND	2.5	U	ND	.5	U	ND	1	U
Ethene, 1,2-dichloro-, (E)-	ND	2.5	U	ND	.5	U	ND	1	U
Ethylbenzene	ND	2.5	U	ND	.5	U	ND	1	U
Hexachlorobutadiene*	ND	2.5	U	ND	.5	U	ND	1	U
m-Dichlorobenzene	ND	2.5	U	ND	.5	U	ND	1	U
Methyl bromide	ND	2.5	U	ND	.5	U	ND	1	U
Methyl chloride	ND	2.5	U	ND	.5	U	ND	1	U
Methylene chloride	ND	3.9	U	ND	.5	U	ND	1	U
n-Butylbenzene	ND	2.5	U	ND	.5	U	ND	1	U
n-Propylbenzene	ND	2.5	U	ND	.5	U	ND	1	U
Naphthalene*	ND	2.5	U	ND	.5	U	ND	1	U
o-Chlorotoluene	ND	2.5	U	ND	.5	U	ND	1	U
o-Dichlorobenzene	ND	2.5	U	ND	.5	U	ND	1	U
p-Chlorotoluene	ND	2.5	U	ND	.5	U	ND	1	U
p-Dichlorobenzene	ND	2.5	U	ND	.5	U	ND	1	U
sec-Butylbenzene	ND	2.5	U	ND	.5	U	ND	1	U
Styrene	ND	2.5	U	ND	.5	U	ND	1	U
tert-Butylbenzene	ND	2.5	U	ND	.5	U	ND	1	U
Tetrachloroethylene	120	2.5		25.2	.5		157	1	
Toluene	ND	2.5	U	ND	.68	U	ND	1	U
trans-1,3-Dichloropropene	ND	2.5	U	ND	.5	U	ND	1	U
Trichloroethylene	ND	2.5	U	ND	.5	U	.56	1	J
Trichlorofluoromethane	ND	2.5	U	ND	.5	U	ND	1	U
Vinyl chloride	ND	2.5	U	ND	.5	U	ND	1	U
TVOC	183.3	0		30.65	0		197.56	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:095-161 Date:03/02/01 Depth: 50			Well ID:095-161 Date:04/20/01 Depth: 50			Well ID:095-161 Date:06/28/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	18.4	.5	J	18.8	.5		ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	.68	.5	J	.85	.5		ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.83	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	82.6	.5	J	1360	12.5	D	39.7	.5	
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.33	.5	J	.29	.5	J	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	102.01	0		1379.94	0		40.46	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:095-161 Date:07/27/01 Depth: 50			Well ID:095-161 Date:08/23/01 Depth: 50			Well ID:095-161 Date:09/13/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	.25	.5	J	ND	.5	U
Methylene chloride	ND	.5	U	ND	1.1	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	9	.5		10	.5		5.3	.5	
Toluene	ND	.5	U	.54	.5		ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	9	0		10.79	0		5.3	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:095-161 Date:10/18/01 Depth: 50			Well ID:095-162 Date:01/19/01 Depth: 50			Well ID:095-162 Date:03/02/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	2.5	U	ND	2.5	U
1,1,1-Trichloroethane	ND	.5	U	118	2.5		213	2.5	J
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	2.5	U	ND	2.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	2.5	U	ND	2.5	U
1,1-Dichloroethane	ND	.5	U	ND	2.5	U	1.8	2.5	J
1,1-Dichloroethylene	ND	.5	U	6.6	2.5		10.5	2.5	J
1,1-Dichloropropene	ND	.5	U	ND	2.5	U	ND	2.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	2.5	U	ND	2.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	2.5	U	ND	2.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	2.5	U	ND	2.5	U
1,2-Dichloroethane	ND	.5	U	ND	2.5	U	ND	2.5	U
1,2-Dichloropropane	ND	.5	U	ND	2.5	U	ND	2.5	U
1,3-Dichloropropane	ND	.5	U	ND	2.5	U	ND	2.5	U
2,2-Dichloropropane	ND	.5	U	ND	2.5	U	ND	2.5	U
Benzene	ND	.5	U	ND	2.5	U	ND	2.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	2.5	U	ND	2.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	2.5	U	ND	2.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	2.5	U	ND	2.5	U
Bromobenzene	ND	.5	U	ND	2.5	U	ND	2.5	U
Bromodichloromethane	ND	.5	U	ND	2.5	U	ND	2.5	U
Bromoform	ND	.5	U	ND	2.5	U	ND	2.5	U
Carbon tetrachloride	ND	.5	U	ND	2.5	U	ND	2.5	U
Chlorobenzene	ND	.5	U	ND	2.5	U	ND	2.5	U
Chlorobromomethane	ND	.5	U	ND	2.5	U	ND	2.5	U
Chloroethane	ND	.5	U	ND	2.5	U	ND	2.5	U
Chloroform	ND	.5	U	ND	2.5	U	ND	2.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	2.5	U	ND	2.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	2.5	U	ND	2.5	U
Cymene	ND	.5	U	ND	2.5	U	ND	2.5	U
DBCP	ND	.5	U	ND	2.5	U	ND	2.5	U
Dibromochloromethane	ND	.5	U	ND	2.5	U	ND	2.5	U
Dibromomethane	ND	.5	U	ND	2.5	U	ND	2.5	U
Dichlorodifluoromethane	ND	.5	U	ND	2.5	U	ND	2.5	U
EDB	ND	.5	U	ND	2.5	U	ND	2.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	2.5	U	ND	2.5	U
Ethylbenzene	ND	.5	U	ND	2.5	U	ND	2.5	U
Hexachlorobutadiene*	ND	.5	U	ND	2.5	U	ND	2.5	U
m-Dichlorobenzene	ND	.5	U	ND	2.5	U	ND	2.5	U
Methyl bromide	ND	.5	U	ND	2.5	U	ND	2.5	U
Methyl chloride	ND	.5	U	ND	2.5	U	ND	2.5	U
Methylene chloride	ND	.5	U	ND	2.5	U	ND	2.5	U
n-Butylbenzene	ND	.5	U	ND	2.5	U	ND	2.5	U
n-Propylbenzene	ND	.5	U	ND	2.5	U	ND	2.5	U
Naphthalene*	ND	.5	U	ND	2.5	U	ND	2.5	U
o-Chlorotoluene	ND	.5	U	ND	2.5	U	ND	2.5	U
o-Dichlorobenzene	ND	.5	U	ND	2.5	U	ND	2.5	U
p-Chlorotoluene	ND	.5	U	ND	2.5	U	ND	2.5	U
p-Dichlorobenzene	ND	.5	U	ND	2.5	U	ND	2.5	U
sec-Butylbenzene	ND	.5	U	ND	2.5	U	ND	2.5	U
Styrene	ND	.5	U	ND	2.5	U	ND	2.5	U
tert-Butylbenzene	ND	.5	U	ND	2.5	U	ND	2.5	U
Tetrachloroethylene	5.8	.5		409	2.5		2140	12.5	J
Toluene	ND	.81	U	ND	2.5	U	ND	2.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	2.5	U	ND	2.5	U
Trichloroethylene	ND	.5	U	2.2	2.5	J	2.8	2.5	
Trichlorofluoromethane	ND	.5	U	ND	2.5	U	ND	2.5	U
Vinyl chloride	ND	.5	U	ND	2.5	U	ND	2.5	U
TVOC	5.8	0		535.8	0		2368.1	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:095-162 Date:04/20/01 Depth: 50			Well ID:095-162 Date:06/28/01 Depth: 50			Well ID:095-162 Date:07/27/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	12.5	U	ND	.5	U	ND	1	U
1,1,1-Trichloroethane	68	12.5		30.4	.5		9	1	
1,1,2,2-Tetrachloroethane	ND	12.5	U	ND	.5	U	ND	1	U
1,1,2-Trichloroethane	ND	12.5	U	ND	.5	U	ND	1	U
1,1-Dichloroethane	ND	12.5	U	.37	.5	J	ND	1	U
1,1-Dichloroethylene	ND	12.5	U	2.9	.5		.71	1	J
1,1-Dichloropropene	ND	12.5	U	ND	.5	U	ND	1	U
1,2,3-Trichlorobenzene	ND	12.5	U	ND	.5	U	ND	1	U
1,2,3-Trichloropropane	ND	12.5	U	ND	.5	U	ND	1	U
1,2,4-Trichlorobenzene*	ND	12.5	U	ND	.5	U	ND	1	U
1,2-Dichloroethane	ND	12.5	U	ND	.5	U	ND	1	U
1,2-Dichloropropane	ND	12.5	U	ND	.5	U	ND	1	U
1,3-Dichloropropane	ND	12.5	U	ND	.5	U	ND	1	U
2,2-Dichloropropane	ND	12.5	U	ND	.5	U	ND	1	U
Benzene	ND	12.5	U	ND	.5	U	ND	1	U
Benzene, 1,2,4-trimethyl	ND	12.5	U	ND	.5	U	ND	1	U
Benzene, 1,3,5-trimethyl-	ND	12.5	U	ND	.5	U	ND	1	U
Benzene, 1-methylethyl-	ND	12.5	U	ND	.5	U	ND	1	U
Bromobenzene	ND	12.5	U	ND	.5	U	ND	1	U
Bromodichloromethane	ND	12.5	U	ND	.5	U	ND	1	U
Bromoform	ND	12.5	U	ND	.5	U	ND	1	U
Carbon tetrachloride	ND	12.5	U	ND	.5	U	ND	1	U
Chlorobenzene	ND	12.5	U	ND	.5	U	ND	1	U
Chlorobromomethane	ND	12.5	U	ND	.5	U	ND	1	U
Chloroethane	ND	12.5	U	ND	.5	U	ND	1	U
Chloroform	ND	12.5	U	ND	.5	U	ND	1	U
cis-1,2-Dichloroethylene	ND	12.5	U	ND	.5	U	ND	1	U
cis-1,3-Dichloropropene	ND	12.5	U	ND	.5	U	ND	1	U
Cymene	ND	12.5	U	ND	.5	U	ND	1	U
DBCP	ND	12.5	U	ND	.5	U	ND	1	U
Dibromochloromethane	ND	12.5	U	ND	.5	U	ND	1	U
Dibromomethane	ND	12.5	U	ND	.5	U	ND	1	U
Dichlorodifluoromethane	ND	12.5	U	ND	.5	U	ND	1	U
EDB	ND	12.5	U	ND	.5	U	ND	1	U
Ethene, 1,2-dichloro-, (E)-	ND	12.5	U	ND	.5	U	ND	1	U
Ethylbenzene	ND	12.5	U	ND	.5	U	ND	1	U
Hexachlorobutadiene*	ND	12.5	U	ND	.5	U	ND	1	U
m-Dichlorobenzene	ND	12.5	U	ND	.5	U	ND	1	U
Methyl bromide	ND	12.5	U	ND	.5	U	ND	1	U
Methyl chloride	ND	12.5	U	ND	.5	U	ND	1	U
Methylene chloride	7.2	12.5	JB	ND	.63	U	ND	1	U
n-Butylbenzene	ND	12.5	U	ND	.5	U	ND	1	U
n-Propylbenzene	ND	12.5	U	ND	.5	U	ND	1	U
Naphthalene*	ND	12.5	U	ND	.5	U	ND	1	U
o-Chlorotoluene	ND	12.5	U	ND	.5	U	ND	1	U
o-Dichlorobenzene	ND	12.5	U	ND	.5	U	ND	1	U
p-Chlorotoluene	ND	12.5	U	ND	.5	U	ND	1	U
p-Dichlorobenzene	ND	12.5	U	ND	.5	U	ND	1	U
sec-Butylbenzene	ND	12.5	U	ND	.5	U	ND	1	U
Styrene	ND	12.5	U	ND	.5	U	ND	1	U
tert-Butylbenzene	ND	12.5	U	ND	.5	U	ND	1	U
Tetrachloroethylene	1010	12.5		424	5	D	158	1	
Toluene	ND	12.5	U	ND	.5	U	ND	1	U
trans-1,3-Dichloropropene	ND	12.5	U	ND	.5	U	ND	1	U
Trichloroethylene	ND	12.5	U	.51	.5		ND	1	U
Trichlorofluoromethane	ND	12.5	U	ND	.5	U	ND	1	U
Vinyl chloride	ND	12.5	U	ND	.5	U	ND	1	U
TVOC	1085.2	0		458.18	0		167.71	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:095-162 Date:08/23/01 Depth: 50			Well ID:095-162 Date:09/13/01 Depth: 50			Well ID:095-162 Date:10/18/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	2.5	U	ND	.5	U
1,1,1-Trichloroethane	13.3	2.5	D	13	2.5		3.2	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	2.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	2.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	2.5	U	ND	.5	U
1,1-Dichloroethylene	1.4	.5		ND	2.5	U	.36	.5	J
1,1-Dichloropropene	ND	.5	U	ND	2.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	2.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	2.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	2.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	2.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	2.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	2.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	2.5	U	ND	.5	U
Benzene	ND	.5	U	ND	2.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	2.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	2.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	2.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	2.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	2.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	2.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	2.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	2.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	2.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	2.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	2.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	2.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	2.5	U	ND	.5	U
Cymene	ND	.5	U	ND	2.5	U	ND	.5	U
DBCP	ND	.5	U	ND	2.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	2.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	2.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	2.5	U	ND	.5	U
EDB	ND	.5	U	ND	2.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	2.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	2.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	2.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	2.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	2.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	2.5	U	ND	.5	U
Methylene chloride	ND	.97	U	ND	4.1	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	2.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	2.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	2.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	2.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	2.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	2.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	2.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	2.5	U	ND	.5	U
Styrene	ND	.5	U	ND	2.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	2.5	U	ND	.5	U
Tetrachloroethylene	216	2.5	D	120	2.5		52.6	.5	
Toluene	.44	.5	J	ND	2.5	U	ND	.64	U
trans-1,3-Dichloropropene	ND	.5	U	ND	2.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	2.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	2.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	2.5	U	ND	.5	U
TVOC	231.14	0		133	0		56.16	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:095-163 Date:01/19/01 Depth: 50			Well ID:095-163 Date:03/02/01 Depth: 50			Well ID:095-163 Date:04/20/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	1	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	102	1		66.5	.5	J	67.2	.5	
1,1,2,2-Tetrachloroethane	ND	1	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	1	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	.81	1	J	.62	.5		.27	.5	J
1,1-Dichloroethylene	16.1	1		9.3	.5	J	13.1	.5	
1,1-Dichloropropene	ND	1	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	1	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	1	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	1	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	1	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	1	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	1	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	1	U	ND	.5	U	ND	.5	U
Benzene	ND	1	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	1	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	1	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	1	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	1	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	1	U	ND	.5	U	ND	.5	U
Bromoform	ND	1	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	1	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	1	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	1	U	ND	.5	U	ND	.5	U
Chloroethane	ND	1	U	ND	.5	U	ND	.5	U
Chloroform	ND	1	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	1	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	1	U	ND	.5	U	ND	.5	U
Cymene	ND	1	U	ND	.5	U	ND	.5	U
DBCP	ND	1	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	1	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	1	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	1	U	ND	.5	U	ND	.5	U
EDB	ND	1	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	1	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	1	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	1	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	1	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	1	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	1	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	1	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	1	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	1	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	1	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	1	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	1	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	1	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	1	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	1	U	ND	.5	U	ND	.5	U
Styrene	ND	1	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	1	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	82.5	1		61.2	.5	J	67.9	.5	
Toluene	ND	1	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	1	U	ND	.5	U	ND	.5	U
Trichloroethylene	1.5	1		.97	.5		.6	.5	
Trichlorofluoromethane	ND	1	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	1	U	ND	.5	U	ND	.5	U
TVOC	202.91	0		138.59	0		149.07	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:095-163 Date:06/28/01 Depth: 50			Well ID:095-163 Date:07/27/01 Depth: 50			Well ID:095-163 Date:08/23/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	34.4	.5		ND	.5	U	7.2	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	6.9	.5		ND	.5	U	1.6	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	1.3	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	30.8	.5		.36	.5	J	10.7	.5	
Toluene	ND	1.7	U	ND	.5	U	.44	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.42	.5	J	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	72.52	0		.36	0		19.94	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:095-163 Date:09/13/01 Depth: 50			Well ID:095-163 Date:10/18/01 Depth: 50			Well ID:095-164 Date:01/19/01 Depth: 30		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	1.1	.5		ND	.5	U	51.4	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	10.2	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	1	.5		ND	.5	U	83.9	.5	
Toluene	ND	.5	U	ND	.69	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	.29	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	2.1	0		0	0		145.79	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:095-164 Date:03/02/01 Depth: 30			Well ID:095-164 Date:04/20/01 Depth: 30			Well ID:095-164 Date:06/28/01 Depth: 30		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	12.8	.5	J	.26	.5	J	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	2	.5	J	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	17.3	.5	J	.52	.5		ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.51	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	32.1	0		.78	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:095-164 Date:07/27/01 Depth: 30			Well ID:095-164 Date:08/23/01 Depth: 30			Well ID:095-164 Date:09/13/01 Depth: 30		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	.17	.5	J
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	.2	.5	J
Toluene	ND	.5	U	.44	.5	J	.57	.5	
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		.44	0		.94	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:095-164 Date:10/18/01 Depth: 30			Well ID:095-165 Date:01/19/01 Depth: 50			Well ID:095-165 Date:03/02/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	47.3	.5		116	1	J
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	.77	.5	
1,1-Dichloroethylene	ND	.5	U	8.5	.5		25.2	.5	J
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.87	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	41	.5		91.5	.5	J
Toluene	ND	.62	U	.32	.5	J	.28	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	.48	.5	J	1.6	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		97.6	0		235.35	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:095-165 Date:04/20/01 Depth: 50			Well ID:095-165 Date:06/28/01 Depth: 50			Well ID:095-165 Date:07/27/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	23.4	.5		40.7	.5		9.4	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	4.1	.5		9.2	.5		2.2	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.62	U	ND	.5	U	ND	.88	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	30.2	.5		60.4	.5		14	.5	
Toluene	ND	.5	U	ND	.67	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	57.7	0		110.3	0		25.6	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:095-165 Date:08/23/01 Depth: 50			Well ID:095-165 Date:09/13/01 Depth: 50			Well ID:095-165 Date:10/18/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	18	.5		ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	3	.5		ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	1.1	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	1.3	.5		16	.5		.84	.5	
Toluene	.46	.5	J	ND	.5	U	ND	.56	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.76	0		33.4	0		.84	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:095-166 Date:01/19/01 Depth: 50			Well ID:095-166 Date:03/02/01 Depth: 50			Well ID:095-166 Date:04/20/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	2.5	U	ND	1	U	ND	.5	U
1,1,1-Trichloroethane	170	2.5		56.8	1	J	.51	.5	
1,1,2,2-Tetrachloroethane	ND	2.5	U	ND	1	U	ND	.5	U
1,1,2-Trichloroethane	ND	2.5	U	ND	1	U	ND	.5	U
1,1-Dichloroethane	1.4	2.5	J	ND	1	U	ND	.5	U
1,1-Dichloroethylene	24.3	2.5		7.5	1	J	ND	.5	U
1,1-Dichloropropene	ND	2.5	U	ND	1	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	2.5	U	ND	1	U	ND	.5	U
1,2,3-Trichloropropane	ND	2.5	U	ND	1	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	2.5	U	ND	1	U	ND	.5	U
1,2-Dichloroethane	ND	2.5	U	ND	1	U	ND	.5	U
1,2-Dichloropropane	ND	2.5	U	ND	1	U	ND	.5	U
1,3-Dichloropropane	ND	2.5	U	ND	1	U	ND	.5	U
2,2-Dichloropropane	ND	2.5	U	ND	1	U	ND	.5	U
Benzene	ND	2.5	U	ND	1	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	2.5	U	ND	1	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	2.5	U	ND	1	U	ND	.5	U
Benzene, 1-methylethyl-	ND	2.5	U	ND	1	U	ND	.5	U
Bromobenzene	ND	2.5	U	ND	1	U	ND	.5	U
Bromodichloromethane	ND	2.5	U	ND	1	U	ND	.5	U
Bromoform	ND	2.5	U	ND	1	U	ND	.5	U
Carbon tetrachloride	ND	2.5	U	ND	1	U	ND	.5	U
Chlorobenzene	ND	2.5	U	ND	1	U	ND	.5	U
Chlorobromomethane	ND	2.5	U	ND	1	U	ND	.5	U
Chloroethane	ND	2.5	U	ND	1	U	ND	.5	U
Chloroform	ND	2.5	U	ND	1	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	2.5	U	ND	1	U	ND	.5	U
cis-1,3-Dichloropropene	ND	2.5	U	ND	1	U	ND	.5	U
Cymene	ND	2.5	U	ND	1	U	ND	.5	U
DBCP	ND	2.5	U	ND	1	U	ND	.5	U
Dibromochloromethane	ND	2.5	U	ND	1	U	ND	.5	U
Dibromomethane	ND	2.5	U	ND	1	U	ND	.5	U
Dichlorodifluoromethane	ND	2.5	U	ND	1	U	ND	.5	U
EDB	ND	2.5	U	ND	1	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	2.5	U	ND	1	U	ND	.5	U
Ethylbenzene	ND	2.5	U	ND	1	U	ND	.5	U
Hexachlorobutadiene*	ND	2.5	U	ND	1	U	ND	.5	U
m-Dichlorobenzene	ND	2.5	U	ND	1	U	ND	.5	U
Methyl bromide	ND	2.5	U	ND	1	U	ND	.5	U
Methyl chloride	ND	2.5	U	ND	1	U	ND	.5	U
Methylene chloride	ND	2.5	U	ND	1	U	ND	.5	U
n-Butylbenzene	ND	2.5	U	ND	1	U	ND	.5	U
n-Propylbenzene	ND	2.5	U	ND	1	U	ND	.5	U
Naphthalene*	ND	2.5	U	ND	1	U	ND	.5	U
o-Chlorotoluene	ND	2.5	U	ND	1	U	ND	.5	U
o-Dichlorobenzene	ND	2.5	U	ND	1	U	ND	.5	U
p-Chlorotoluene	ND	2.5	U	ND	1	U	ND	.5	U
p-Dichlorobenzene	ND	2.5	U	ND	1	U	ND	.5	U
sec-Butylbenzene	ND	2.5	U	ND	1	U	ND	.5	U
Styrene	ND	2.5	U	ND	1	U	ND	.5	U
tert-Butylbenzene	ND	2.5	U	ND	1	U	ND	.5	U
Tetrachloroethylene	270	2.5		96.8	1	J	2.1	.5	
Toluene	ND	2.5	U	ND	1	U	ND	.5	U
trans-1,3-Dichloropropene	ND	2.5	U	ND	1	U	ND	.5	U
Trichloroethylene	2.2	2.5	J	.75	1	J	ND	.5	U
Trichlorofluoromethane	ND	2.5	U	ND	1	U	ND	.5	U
Vinyl chloride	ND	2.5	U	ND	1	U	ND	.5	U
TVOC	467.9	0		161.85	0		2.61	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:095-166 Date:06/28/01 Depth: 50			Well ID:095-166 Date:07/27/01 Depth: 50			Well ID:095-166 Date:08/23/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.51	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	.62	.5		ND	.5	U	ND	.5	U
Toluene	ND	.56	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.62	0		0	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:095-166 Date:09/13/01 Depth: 50			Well ID:095-166 Date:10/18/01 Depth: 50			Well ID:095-167 Date:01/19/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	2.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	51.2	2.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	2.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	2.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	2.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	5	2.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	2.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	2.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	2.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	2.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	2.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	2.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	2.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	2.5	U
Benzene	ND	.5	U	ND	.5	U	ND	2.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	2.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	2.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	2.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	2.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	2.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	2.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	2.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	2.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	2.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	2.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	2.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	2.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	2.5	U
Cymene	ND	.5	U	ND	.5	U	ND	2.5	U
DBCP	ND	.5	U	ND	.5	U	ND	2.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	2.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	2.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	2.5	U
EDB	ND	.5	U	ND	.5	U	ND	2.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	2.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	2.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	2.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	2.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	2.5	U
Methyl chloride	ND	.5	U	.29	.5	J	ND	2.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	2.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	2.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	2.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	2.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	2.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	2.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	2.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	2.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	2.5	U
Styrene	ND	.5	U	ND	.5	U	ND	2.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	2.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	280	2.5	
Toluene	ND	.5	U	ND	.89	U	ND	2.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	2.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	2.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	2.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	2.5	U
TVOC	0	0		.29	0		336.2	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:095-167 Date:03/02/01 Depth: 50			Well ID:095-167 Date:04/19/01 Depth: 50			Well ID:095-167 Date:06/28/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	80.2	5	J	1.2	.5		ND	.5	U
1,1,2,2-Tetrachloroethane	ND	5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	6.3	5	J	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	5	U	ND	.5	U	ND	.5	U
Benzene	ND	5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	5	U	ND	.5	U	ND	.5	U
Bromoform	ND	5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	5	U	ND	.5	U	ND	.5	U
Chloroform	ND	5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	5	U	ND	.5	U	ND	.5	U
Cymene	ND	5	U	ND	.5	U	ND	.5	U
DBCP	ND	5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	5	U	ND	.5	U	ND	.5	U
EDB	ND	5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	5	U	ND	.5	U	ND	1.1	U
o-Chlorotoluene	ND	5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	5	U	ND	.5	U	ND	.5	U
Styrene	ND	5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	706	5	J	2.7	.5		.8	.5	
Toluene	ND	5	U	ND	.5	U	ND	.51	U
trans-1,3-Dichloropropene	ND	5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	5	U	ND	.5	U	ND	.5	U
TVOC	792.5	0		3.9	0		.8	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:095-167 Date:07/27/01 Depth: 50			Well ID:095-167 Date:08/23/01 Depth: 50			Well ID:095-167 Date:09/13/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.68	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	.34	.5	J	.27	.5	J	.12	.5	J
Toluene	ND	.56	U	.27	.5	J	ND	.77	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.34	0		.54	0		.12	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:095-167 Date:10/18/01 Depth: 50			Well ID:095-168 Date:01/19/01 Depth: 50			Well ID:095-168 Date:03/02/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	48.3	5		.51	.5	J
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	3.8	5	J	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	5	U	ND	.5	U
Benzene	ND	.5	U	ND	5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	5	U	ND	.5	U
Bromoform	ND	.5	U	ND	5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	5	U	ND	.5	U
Chloroform	ND	.5	U	ND	5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	5	U	ND	.5	U
Cymene	ND	.5	U	ND	5	U	ND	.5	U
DBCP	ND	.5	U	ND	5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	5	U	ND	.5	U
EDB	ND	.5	U	ND	5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	5	U	ND	.5	U
Styrene	ND	.5	U	ND	5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	5	U	ND	.5	U
Tetrachloroethylene	.34	.5	J	1380	10	D	23.2	.5	J
Toluene	ND	.63	U	ND	5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	5	U	ND	.5	U
TVOC	.34	0		1432.1	0		23.71	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:095-168 Date:04/19/01 Depth: 50			Well ID:095-168 Date:06/28/01 Depth: 50			Well ID:095-168 Date:07/27/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	1.1	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	1.3	.5		.64	.5		.45	.5	J
Toluene	.36	.5	J	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.66	0		.64	0		.45	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:095-168 Date:08/23/01 Depth: 50			Well ID:095-168 Date:09/13/01 Depth: 50			Well ID:095-168 Date:10/18/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	.31	.5	J	ND	.5	U	ND	.5	U
Methylene chloride	ND	.8	U	ND	.5	U	.26	.5	J
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	.4	.5	J	.2	.5	J	.4	.5	J
Toluene	.38	.5	J	ND	.52	U	ND	.69	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.09	0		.2	0		.66	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:095-169 Date:01/19/01 Depth: 50			Well ID:095-169 Date:03/02/01 Depth: 50			Well ID:095-169 Date:04/20/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	10	U	ND	25	U	ND	.5	U
1,1,1-Trichloroethane	55.3	10		75.2	25	J	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	10	U	ND	25	U	ND	.5	U
1,1,2-Trichloroethane	ND	10	U	ND	25	U	ND	.5	U
1,1-Dichloroethane	ND	10	U	ND	25	U	ND	.5	U
1,1-Dichloroethylene	ND	10	U	ND	25	U	ND	.5	U
1,1-Dichloropropene	ND	10	U	ND	25	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	10	U	ND	25	U	ND	.5	U
1,2,3-Trichloropropane	ND	10	U	ND	25	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	10	U	ND	25	U	ND	.5	U
1,2-Dichloroethane	ND	10	U	ND	25	U	ND	.5	U
1,2-Dichloropropane	ND	10	U	ND	25	U	ND	.5	U
1,3-Dichloropropane	ND	10	U	ND	25	U	ND	.5	U
2,2-Dichloropropane	ND	10	U	ND	25	U	ND	.5	U
Benzene	ND	10	U	ND	25	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	10	U	ND	25	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	10	U	ND	25	U	ND	.5	U
Benzene, 1-methylethyl-	ND	10	U	ND	25	U	ND	.5	U
Bromobenzene	ND	10	U	ND	25	U	ND	.5	U
Bromodichloromethane	ND	10	U	ND	25	U	ND	.5	U
Bromoform	ND	10	U	ND	25	U	ND	.5	U
Carbon tetrachloride	ND	10	U	ND	25	U	ND	.5	U
Chlorobenzene	ND	10	U	ND	25	U	ND	.5	U
Chlorobromomethane	ND	10	U	ND	25	U	ND	.5	U
Chloroethane	ND	10	U	ND	25	U	ND	.5	U
Chloroform	ND	10	U	ND	25	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	10	U	ND	25	U	ND	.5	U
cis-1,3-Dichloropropene	ND	10	U	ND	25	U	ND	.5	U
Cymene	ND	10	U	ND	25	U	ND	.5	U
DBCP	ND	10	U	ND	25	U	ND	.5	U
Dibromochloromethane	ND	10	U	ND	25	U	ND	.5	U
Dibromomethane	ND	10	U	ND	25	U	ND	.5	U
Dichlorodifluoromethane	ND	10	U	ND	25	U	ND	.5	U
EDB	ND	10	U	ND	25	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	10	U	ND	25	U	ND	.5	U
Ethylbenzene	ND	10	U	ND	25	U	ND	.5	U
Hexachlorobutadiene*	ND	10	U	ND	25	U	ND	.5	U
m-Dichlorobenzene	ND	10	U	ND	25	U	ND	.5	U
Methyl bromide	ND	10	U	ND	25	U	ND	.5	U
Methyl chloride	ND	10	U	ND	25	U	ND	.5	U
Methylene chloride	ND	10	U	26.1	25	B	ND	1.3	U
n-Butylbenzene	ND	10	U	ND	25	U	ND	.5	U
n-Propylbenzene	ND	10	U	ND	25	U	ND	.5	U
Naphthalene*	ND	10	U	ND	25	U	ND	.5	U
o-Chlorotoluene	ND	10	U	ND	25	U	ND	.5	U
o-Dichlorobenzene	ND	10	U	ND	25	U	ND	.5	U
p-Chlorotoluene	ND	10	U	ND	25	U	ND	.5	U
p-Dichlorobenzene	ND	10	U	ND	25	U	ND	.5	U
sec-Butylbenzene	ND	10	U	ND	25	U	ND	.5	U
Styrene	ND	10	U	ND	25	U	ND	.5	U
tert-Butylbenzene	ND	10	U	ND	25	U	ND	.5	U
Tetrachloroethylene	1500	10		3110	25	J	20.7	.5	
Toluene	ND	10	U	ND	25	U	ND	.5	U
trans-1,3-Dichloropropene	ND	10	U	ND	25	U	ND	.5	U
Trichloroethylene	ND	10	U	ND	25	U	ND	.5	U
Trichlorofluoromethane	ND	10	U	ND	25	U	ND	.5	U
Vinyl chloride	ND	10	U	ND	25	U	ND	.5	U
TVOC	1555.3	0		3211.3	0		20.7	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:095-169 Date:06/28/01 Depth: 50			Well ID:095-169 Date:07/27/01 Depth: 50			Well ID:095-169 Date:08/23/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	.32	.5	J
Methylene chloride	ND	.5	U	ND	.5	U	ND	.67	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	1.1	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	3.5	.5		2.3	.5		1.7	.5	
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	3.5	0		2.3	0		2.02	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:095-169 Date:09/13/01 Depth: 50			Well ID:095-169 Date:10/18/01 Depth: 50			Well ID:095-170 Date:01/19/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	.77	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	.56	.5	
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	.32	.5	JB
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	1.7	.5		1.6	.5		9.7	.5	
Toluene	ND	.5	U	ND	1	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.7	0		1.6	0		11.35	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:095-170 Date:03/02/01 Depth: 50			Well ID:095-170 Date:04/20/01 Depth: 50			Well ID:095-170 Date:06/28/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	1.1	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	1.8	.5	J	.4	.5	J	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.8	0		.4	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:095-170 Date:07/27/01 Depth: 50			Well ID:095-170 Date:08/23/01 Depth: 50			Well ID:095-170 Date:09/13/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	.3	.5	J	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.52	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		.3	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:095-170 Date:10/18/01 Depth: 50			Well ID:095-171 Date:01/22/01 Depth: 50			Well ID:095-171 Date:03/02/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	.42	.5	J	.36	.5	J
Toluene	ND	.83	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		.42	0		.36	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:095-171 Date:04/20/01 Depth: 50			Well ID:095-171 Date:06/28/01 Depth: 50			Well ID:095-171 Date:07/27/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	.25	.5	J	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	1.1	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	.5	.5		ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.58	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.5	0		.25	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:095-171 Date:08/23/01 Depth: 50			Well ID:095-171 Date:09/13/01 Depth: 50			Well ID:095-171 Date:10/18/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	.17	.5	J	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.74	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	.33	.5	J	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.33	0		.17	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:095-172 Date:01/19/01 Depth: 50			Well ID:095-172 Date:03/02/01 Depth: 50			Well ID:095-172 Date:04/20/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	10	U	ND	10	U	ND	10	U
1,1,1-Trichloroethane	247	10		342	10	J	123	10	
1,1,2,2-Tetrachloroethane	ND	10	U	ND	10	U	ND	10	U
1,1,2-Trichloroethane	ND	10	U	ND	10	U	ND	10	U
1,1-Dichloroethane	ND	10	U	ND	10	U	ND	10	U
1,1-Dichloroethylene	9.2	10	J	14.3	10	J	9.3	10	J
1,1-Dichloropropene	ND	10	U	ND	10	U	ND	10	U
1,2,3-Trichlorobenzene	ND	10	U	ND	10	U	ND	10	U
1,2,3-Trichloropropane	ND	10	U	ND	10	U	ND	10	U
1,2,4-Trichlorobenzene*	ND	10	U	ND	10	U	ND	10	U
1,2-Dichloroethane	ND	10	U	ND	10	U	ND	10	U
1,2-Dichloropropane	ND	10	U	ND	10	U	ND	10	U
1,3-Dichloropropane	ND	10	U	ND	10	U	ND	10	U
2,2-Dichloropropane	ND	10	U	ND	10	U	ND	10	U
Benzene	ND	10	U	ND	10	U	ND	10	U
Benzene, 1,2,4-trimethyl	ND	10	U	ND	10	U	ND	10	U
Benzene, 1,3,5-trimethyl-	ND	10	U	ND	10	U	ND	10	U
Benzene, 1-methylethyl-	ND	10	U	ND	10	U	ND	10	U
Bromobenzene	ND	10	U	ND	10	U	ND	10	U
Bromodichloromethane	ND	10	U	ND	10	U	ND	10	U
Bromoform	ND	10	U	ND	10	U	ND	10	U
Carbon tetrachloride	ND	10	U	ND	10	U	ND	10	U
Chlorobenzene	ND	10	U	ND	10	U	ND	10	U
Chlorobromomethane	ND	10	U	ND	10	U	ND	10	U
Chloroethane	ND	10	U	ND	10	U	ND	10	U
Chloroform	ND	10	U	ND	10	U	ND	10	U
cis-1,2-Dichloroethylene	ND	10	U	ND	10	U	ND	10	U
cis-1,3-Dichloropropene	ND	10	U	ND	10	U	ND	10	U
Cymene	ND	10	U	ND	10	U	ND	10	U
DBCP	ND	10	U	ND	10	U	ND	10	U
Dibromochloromethane	ND	10	U	ND	10	U	ND	10	U
Dibromomethane	ND	10	U	ND	10	U	ND	10	U
Dichlorodifluoromethane	ND	10	U	ND	10	U	ND	10	U
EDB	ND	10	U	ND	10	U	ND	10	U
Ethene, 1,2-dichloro-, (E)-	ND	10	U	ND	10	U	ND	10	U
Ethylbenzene	ND	10	U	ND	10	U	ND	10	U
Hexachlorobutadiene*	ND	10	U	ND	10	U	ND	10	U
m-Dichlorobenzene	ND	10	U	ND	10	U	ND	10	U
Methyl bromide	ND	10	U	ND	10	U	ND	10	U
Methyl chloride	ND	10	U	ND	10	U	ND	10	U
Methylene chloride	ND	10	U	ND	10	U	ND	10	U
n-Butylbenzene	ND	10	U	ND	10	U	ND	10	U
n-Propylbenzene	ND	10	U	ND	10	U	ND	10	U
Naphthalene*	ND	10	U	ND	10	U	ND	10	U
o-Chlorotoluene	ND	10	U	ND	10	U	ND	10	U
o-Dichlorobenzene	ND	10	U	ND	10	U	ND	10	U
p-Chlorotoluene	ND	10	U	ND	10	U	ND	10	U
p-Dichlorobenzene	ND	10	U	ND	10	U	ND	10	U
sec-Butylbenzene	ND	10	U	ND	10	U	ND	10	U
Styrene	ND	10	U	ND	10	U	ND	10	U
tert-Butylbenzene	ND	10	U	ND	10	U	ND	10	U
Tetrachloroethylene	1070	10		1380	10	J	2840	50	D
Toluene	ND	10	U	ND	10	U	ND	10	U
trans-1,3-Dichloropropene	ND	10	U	ND	10	U	ND	10	U
Trichloroethylene	ND	10	U	ND	10	U	ND	10	U
Trichlorofluoromethane	ND	10	U	ND	10	U	ND	10	U
Vinyl chloride	ND	10	U	ND	10	U	ND	10	U
TVOC	1326.2	0		1736.3	0		2972.3	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:095-172 Date:06/28/01 Depth: 50			Well ID:095-172 Date:07/27/01 Depth: 50			Well ID:095-172 Date:08/23/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	1	U
1,1,1-Trichloroethane	8.8	.5		2.7	.5		2.1	1	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	1	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	1	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	1	U
1,1-Dichloroethylene	.79	.5		ND	.5	U	ND	1	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	1	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	1	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	1	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	1	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	1	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	1	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	1	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	1	U
Benzene	ND	.5	U	ND	.5	U	ND	1	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	1	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	1	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	1	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	1	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	1	U
Bromoform	ND	.5	U	ND	.5	U	ND	1	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	1	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	1	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	1	U
Chloroethane	ND	.5	U	ND	.5	U	ND	1	U
Chloroform	ND	.5	U	ND	.5	U	ND	1	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	1	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	1	U
Cymene	ND	.5	U	ND	.5	U	ND	1	U
DBCP	ND	.5	U	ND	.5	U	ND	1	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	1	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	1	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	1	U
EDB	ND	.5	U	ND	.5	U	ND	1	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	1	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	1	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	1	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	1	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	1	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	1	U
Methylene chloride	ND	.5	U	ND	1	U	ND	3.9	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	1	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	1	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	1	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	1	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	1	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	1	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	1	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	1	U
Styrene	ND	.5	U	ND	.5	U	ND	1	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	1	U
Tetrachloroethylene	432	5	D	243	2.5		145	1	
Toluene	ND	.58	U	ND	.5	U	.65	1	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	1	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	1	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	1	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	1	U
TVOC	441.59	0		245.7	0		147.75	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Bldg 96)

	Well ID:095-172 Date:09/13/01 Depth: 50			Well ID:095-172 Date:10/18/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	2.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	2.5	U	.69	.5	
1,1,2,2-Tetrachloroethane	ND	2.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	2.5	U	ND	.5	U
1,1-Dichloroethane	ND	2.5	U	ND	.5	U
1,1-Dichloroethylene	ND	2.5	U	ND	.5	U
1,1-Dichloropropene	ND	2.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	2.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	2.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	2.5	U	ND	.5	U
1,2-Dichloroethane	ND	2.5	U	ND	.5	U
1,2-Dichloropropane	ND	2.5	U	ND	.5	U
1,3-Dichloropropane	ND	2.5	U	ND	.5	U
2,2-Dichloropropane	ND	2.5	U	ND	.5	U
Benzene	ND	2.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	2.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	2.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	2.5	U	ND	.5	U
Bromobenzene	ND	2.5	U	ND	.5	U
Bromodichloromethane	ND	2.5	U	ND	.5	U
Bromoform	ND	2.5	U	ND	.5	U
Carbon tetrachloride	ND	2.5	U	ND	.5	U
Chlorobenzene	ND	2.5	U	ND	.5	U
Chlorobromomethane	ND	2.5	U	ND	.5	U
Chloroethane	ND	2.5	U	ND	.5	U
Chloroform	ND	2.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	2.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	2.5	U	ND	.5	U
Cymene	ND	2.5	U	ND	.5	U
DBCP	ND	2.5	U	ND	.5	U
Dibromochloromethane	ND	2.5	U	ND	.5	U
Dibromomethane	ND	2.5	U	ND	.5	U
Dichlorodifluoromethane	ND	2.5	U	ND	.5	U
EDB	ND	2.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	2.5	U	ND	.5	U
Ethylbenzene	ND	2.5	U	ND	.5	U
Hexachlorobutadiene*	ND	2.5	U	ND	.5	U
m-Dichlorobenzene	ND	2.5	U	ND	.5	U
Methyl bromide	ND	2.5	U	ND	.5	U
Methyl chloride	ND	2.5	U	ND	.5	U
Methylene chloride	ND	3.7	U	ND	.5	U
n-Butylbenzene	ND	2.5	U	ND	.5	U
n-Propylbenzene	ND	2.5	U	ND	.5	U
Naphthalene*	ND	2.5	U	ND	.5	U
o-Chlorotoluene	ND	2.5	U	ND	.5	U
o-Dichlorobenzene	ND	2.5	U	ND	.5	U
p-Chlorotoluene	ND	2.5	U	ND	.5	U
p-Dichlorobenzene	ND	2.5	U	ND	.5	U
sec-Butylbenzene	ND	2.5	U	ND	.5	U
Styrene	ND	2.5	U	ND	.5	U
tert-Butylbenzene	ND	2.5	U	ND	.5	U
Tetrachloroethylene	130	2.5		125	1	D
Toluene	ND	2.5	U	ND	.64	U
trans-1,3-Dichloropropene	ND	2.5	U	ND	.5	U
Trichloroethylene	ND	2.5	U	ND	.5	U
Trichlorofluoromethane	ND	2.5	U	ND	.5	U
Vinyl chloride	ND	2.5	U	ND	.5	U
TVOC	130	0		125.69	0	

OU III (MIDDLE ROAD)

ANALYTICAL RESULTS

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III Middle Road

	Well ID:105-23 Date:01/12/01 Depth: 180			Well ID:105-23 Date:07/18/01 Depth: 180			Well ID:105-23 Date:11/20/01 Depth: 180		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	608	25	D	667	5	D	989	10	D
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	.43	.5	J
1,1,2-Trichloroethane	.62	.5		.66	.5		1.1	.5	
1,1-Dichloroethane	3.4	.5		3.6	.5		5.1	.5	
1,1-Dichloroethylene	120	25	D	131	5	D	229	10	D
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	.59	.5	
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.48	.5	J	.46	.5	J	.75	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	1.4	U	ND	.5	U	ND	2	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	542	25	D	507	5	D	566	10	D
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	1.4	.5		2.6	.5		2.1	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1275.9	0		1312.32	0		1794.07	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III Middle Road

	Well ID:105-25 Date:02/20/01 Depth: 148			Well ID:105-25 Date:05/16/01 Depth: 148			Well ID:105-25 Date:08/10/01 Depth: 148		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	3.7	.5		6.2	.5		5.9	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	1.3	.5		1.5	.5		1.3	.5	
1,1-Dichloroethylene	1.2	.5		1.9	.5		1.8	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	.35	.5	J
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	2.3	.5		2.2	.5		1.9	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	1	.5	
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	2.7	.5		1.8	.5		2	.5	
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.33	.5	J	ND	.5	U	.26	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	11.53	0		13.6	0		14.51	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III Middle Road

	Well ID:105-25 Date:10/29/01 Depth: 148			Well ID:105-25 Date:12/12/01 Depth: 148			Well ID:105-44 Date:01/30/01 Depth: 163		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	2.5	U
1,1,1-Trichloroethane	5	.5		4.4	.5		35.3	2.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	2.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	2.5	U
1,1-Dichloroethane	1.3	.5		1.3	.5		ND	2.5	U
1,1-Dichloroethylene	1.6	.5		1.2	.5		6.1	2.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	2.5	U
1,2,3-Trichlorobenzene	.29	.5	JB	ND	.5	U	ND	2.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	2.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	2.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	2.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	2.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	2.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	2.5	U
Benzene	ND	.5	U	ND	.5	U	ND	2.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	2.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	2.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	2.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	2.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	2.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	2.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	2.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	2.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	2.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	2.5	U
Chloroform	ND	.5	U	ND	1.8	U	ND	2.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	2.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	2.5	U
Cymene	ND	.5	U	ND	.5	U	ND	2.5	U
DBCP	ND	.5	U	ND	.5	U	ND	2.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	2.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	2.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	2.5	U
EDB	ND	.5	U	ND	.5	U	ND	2.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	2.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	2.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	2.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	2.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	2.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	2.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	2.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	2.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	2.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	2.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	2.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	2.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	2.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	2.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	2.5	U
Styrene	ND	.5	U	ND	.5	U	ND	2.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	2.5	U
Tetrachloroethylene	3.1	.5		2.6	.5		353	2.5	
Toluene	ND	.5	U	ND	.55	U	ND	2.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	2.5	U
Trichloroethylene	.31	.5	J	.28	.5	J	ND	2.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	2.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	2.5	U
TVOC	11.6	0		9.78	0		394.4	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III Middle Road

	Well ID:105-44 Date:07/20/01 Depth: 163			Well ID:105-44 Date:10/22/01 Depth: 163			Well ID:105-52 Date:06/22/01 Depth: 105		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	42	.5		30.7	.5		ND	.5	U
1,1,2,2-Tetrachloroethane	.29	.5	J	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	8.2	.5		6.7	.5		ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	1.1	.5		.74	.5		ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	.31	.5	J	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	3.1	.5		ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.32	.5	J	.44	.5	J	.25	.5	J
cis-1,2-Dichloroethylene	.27	.5	J	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	.67	.5		ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	.36	.5	JB	ND	.5	U	.33	.5	J
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	368	2.5	D	152	1	D	.71	.5	
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	1.5	.5		2.4	.5		ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	423.02	0		196.08	0		1.29	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III Middle Road

	Well ID:105-52 Date:12/27/01 Depth: 105			Well ID:105-53 Date:06/25/01 Depth: 175			Well ID:105-53 Date:12/27/01 Depth: 175		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	1.8	.5		1.5	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	.46	.5	J	.47	.5	J
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	3.2	.5		1.1	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	.62	.5		.47	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	76.1	.5		82	.5	
Toluene	ND	.5	U	ND	.5	U	.28	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	2.2	.5		1.7	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		84.38	0		87.52	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III Middle Road

	Well ID:105-54 Date:06/22/01 Depth: 115			Well ID:105-54 Date:12/28/01 Depth: 115			Well ID:106-53 Date:03/05/01 Depth: 205		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.44	.5	J	ND	.5	U	4	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	1.3	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	1.4	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	.29	.5	J	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	.34	.5	J
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	.88	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.73	0		0	0		10.37	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III Middle Road

	Well ID:106-53 Date:05/25/01 Depth: 205			Well ID:106-53 Date:08/21/01 Depth: 205			Well ID:106-53 Date:10/05/01 Depth: 203		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	3.2	.5		3.5	.5		2.8	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	.84	.5		.97	.5		.99	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.5	.5		2	.5		1.6	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.96	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	.6	.5		.39	.5	J	.35	.5	J
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.67	.5		.66	.5		.48	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	6.81	0		7.52	0		6.22	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III Middle Road

	Well ID:106-54 Date:03/05/01 Depth: 205			Well ID:106-54 Date:05/25/01 Depth: 205			Well ID:106-54 Date:08/20/01 Depth: 205		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	5.6	.5		3.4	.5		2.4	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	.32	.5	J	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	1.6	.5		.99	.5		.73	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	10.8	.5		2.5	.5		.96	.5	
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	14.7	.5		5.2	.5		3.2	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	4.2	.5		4.9	.5		5.5	.5	
Toluene	ND	.63	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	16.6	.5		10.5	.5		6.6	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	53.82	0		27.49	0		19.39	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III Middle Road

	Well ID:106-54 Date:10/05/01 Depth: 205			Well ID:106-55 Date:03/05/01 Depth: 165			Well ID:106-55 Date:05/25/01 Depth: 175		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	2	.5		4	.5		6.6	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	.94	.5		1.6	.5	
1,1-Dichloroethylene	.76	.5		.89	.5		1.4	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	.67	.5		.43	.5	J	.76	.5	
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	2.6	.5		2.5	.5		3.4	.5	
cis-1,2-Dichloroethylene	ND	.5	U	.76	.5		1.4	.5	
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	5.4	.5		6	.5		12.6	.5	
Toluene	ND	.5	U	ND	.51	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	5.4	.5		3	.5		6.4	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	16.83	0		18.52	0		34.16	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III Middle Road

	Well ID:106-55 Date:08/21/01 Depth: 175			Well ID:106-55 Date:11/20/01 Depth: 165			Well ID:106-56 Date:03/05/01 Depth: 175		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	8.4	.5		6.3	.5		7.6	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	2.1	.5		2.1	.5		1.9	.5	
1,1-Dichloroethylene	1.8	.5		1.5	.5		1.6	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	.91	.5		.89	.5		1	.5	
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	3.5	.5		2	.5		4.5	.5	
cis-1,2-Dichloroethylene	2	.5		1.2	.5		1.8	.5	
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	1.9	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	22.3	.5		30	.5		18.6	.5	
Toluene	ND	.5	U	ND	.5	U	ND	.55	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	13.3	.5		14.9	.5		8.2	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	54.31	0		58.89	0		48.56	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III Middle Road

	Well ID:106-56 Date:05/25/01 Depth: 165			Well ID:106-56 Date:08/21/01 Depth: 165			Well ID:106-56 Date:10/05/01 Depth: 175		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	11.6	.5		7.3	.5		5	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	.3	.5	J	ND	.5	U	ND	.5	U
1,1-Dichloroethane	3.3	.5		2.3	.5		1.9	.5	
1,1-Dichloroethylene	2.5	.5		1.5	.5		1.4	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	1.3	.5		.76	.5		.65	.5	
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	5.7	.5		2.7	.5		1.6	.5	
cis-1,2-Dichloroethylene	2.7	.5		1.6	.5		1.1	.5	
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	.27	.5	J	ND	.5	U	ND	.81	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	29.9	.5		36.7	.5		32.1	.5	
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	18.6	.5		18	.5		14.2	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	76.17	0		70.86	0		57.95	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III Middle Road

	Well ID:106-56 Date:12/12/01 Depth: 330			Well ID:106-58 Date:03/05/01 Depth: 205			Well ID:106-58 Date:05/25/01 Depth: 205		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.43	.5	J	3.4	.5		2.9	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	1.3	.5		ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	.94	.5		.88	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	4.9	.5		2	.5	
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.26	.5	J	7.7	.5		3.9	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	.47	.5	JB	ND	.5	U	.26	.5	J
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	3.7	.5		4.3	.5	
Toluene	.44	.5	JB	ND	.67	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	16.3	.5		13.1	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	2.9	0		36.94	0		27.34	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III Middle Road

	Well ID:106-58 Date:08/21/01 Depth: 205			Well ID:106-58 Date:10/05/01 Depth: 205			Well ID:106-59 Date:03/05/01 Depth: 205		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	1.9	.5		1.5	.5		1.3	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	.65	.5		.68	.5		.39	.5	J
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	.57	.5		.58	.5		ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	2	.5		1.8	.5		1.8	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.79	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	6.6	.5		6.2	.5		2	.5	
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	8.2	.5		6	.5		1.9	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	19.92	0		16.76	0		9.28	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III Middle Road

	Well ID:106-59 Date:05/25/01 Depth: 205			Well ID:106-59 Date:08/28/01 Depth: 205			Well ID:106-59 Date:10/05/01 Depth: 205		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	1.4	.5		1	.5		.81	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	.36	.5	J	.28	.5	J	.26	.5	J
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.8	.5		1.6	.5		1.6	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.73	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	1.4	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	1.5	.5		1.8	.5		2.1	.5	
Toluene	.31	.5	J	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	1.4	.5		1.4	.5		1.2	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	6.77	0		6.08	0		5.97	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III Middle Road

	Well ID:106-62 Date:11/20/01 Depth: 72			Well ID:113-06 Date:02/20/01 Depth: 50			Well ID:113-06 Date:05/15/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.27	.5	J	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.35	.5	J	1	.5		1.1	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	2.1	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	.25	.5	J	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.87	0		1	0		1.1	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III Middle Road

	Well ID:113-06 Date:08/10/01 Depth: 50			Well ID:113-06 Date:11/20/01 Depth: 50			Well ID:113-07 Date:02/20/01 Depth: 99		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	1.4	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	.39	.5	J
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.1	.5		1.8	.5		ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	1.4	U	ND	2.4	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	.26	.5	J	23.4	.5	
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.1	0		3.54	0		25.19	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III Middle Road

	Well ID:113-07 Date:05/16/01 Depth: 99			Well ID:113-07 Date:08/09/01 Depth: 99			Well ID:113-07 Date:10/26/01 Depth: 99		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.92	.5		6.2	.5		11.4	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	3	.5		2.8	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	16.5	.5		8.8	.5		22.6	.5	
Toluene	ND	.5	U	.68	.5		ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	.55	.5		ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	17.42	0		19.23	0		36.8	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III Middle Road

	Well ID:113-07 Date:11/20/01 Depth: 99			Well ID:113-08 Date:02/12/01 Depth: 142			Well ID:113-08 Date:07/18/01 Depth: 142		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	2.5	U	ND	.5	U
1,1,1-Trichloroethane	12.7	.5		76	2.5		68.4	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	2.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	2.5	U	.74	.5	
1,1-Dichloroethane	ND	.5	U	ND	2.5	U	1	.5	
1,1-Dichloroethylene	3.1	.5		20.4	2.5		17	.5	
1,1-Dichloropropene	ND	.5	U	ND	2.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	2.5	U	ND	.5	U
1,2,3-Trichloropropane	.45	.5	J	ND	2.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	2.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	2.5	U	.67	.5	
1,2-Dichloropropane	ND	.5	U	ND	2.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	2.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	2.5	U	ND	.5	U
Benzene	ND	.5	U	ND	2.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	2.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	2.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	2.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	2.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	2.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	2.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	2.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	2.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	2.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	2.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	2.5	U	.38	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	2.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	2.5	U	ND	.5	U
Cymene	ND	.5	U	ND	2.5	U	ND	.5	U
DBCP	ND	.5	U	ND	2.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	2.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	2.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	2.5	U	ND	.5	U
EDB	ND	.5	U	ND	2.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	2.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	2.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	2.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	2.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	2.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	2.5	U	ND	.5	U
Methylene chloride	ND	1.9	U	ND	2.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	2.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	2.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	2.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	2.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	2.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	2.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	2.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	2.5	U	ND	.5	U
Styrene	ND	.5	U	ND	2.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	2.5	U	ND	.5	U
Tetrachloroethylene	28	.5		461	2.5		429	2.5	D
Toluene	ND	.5	U	ND	2.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	2.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	2.1	2.5	J	1.8	.5	
Trichlorofluoromethane	ND	.5	U	ND	2.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	2.5	U	ND	.5	U
TVOC	44.25	0		559.5	0		519.29	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III Middle Road

	Well ID:113-08 Date:11/26/01 Depth: 142			Well ID:113-09 Date:02/12/01 Depth: 222			Well ID:113-09 Date:07/18/01 Depth: 222		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	1	U	ND	.5	U
1,1,1-Trichloroethane	22.9	.5		25.5	1		23.6	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	20.8	1		34.5	.5	
1,1,2-Trichloroethane	ND	.5	U	ND	1	U	ND	.5	U
1,1-Dichloroethane	.27	.5	J	1.8	1		1.4	.5	
1,1-Dichloroethylene	6.9	.5		9	1		9.4	.5	
1,1-Dichloropropene	ND	.5	U	ND	1	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	1	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	1	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	1	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	1	U	.26	.5	J
1,2-Dichloropropane	ND	.5	U	ND	1	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	1	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	1	U	ND	.5	U
Benzene	ND	.5	U	ND	1	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	1	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	1	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	1	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	1	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	1	U	ND	.5	U
Bromoform	ND	.5	U	ND	1	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	2.1	1		2.2	.5	
Chlorobenzene	ND	.5	U	ND	1	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	1	U	ND	.5	U
Chloroethane	ND	.5	U	ND	1	U	ND	.5	U
Chloroform	.45	.5	J	.56	1	J	.68	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	1	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	1	U	ND	.5	U
Cymene	ND	.5	U	ND	1	U	ND	.5	U
DBCP	ND	.5	U	ND	1	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	1	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	1	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	1	U	ND	.5	U
EDB	ND	.5	U	ND	1	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	1	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	1	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	1	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	1	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	1	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	1	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	1	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	1	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	1	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	1	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	1	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	1	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	1	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	1	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	1	U	ND	.5	U
Styrene	ND	.5	U	ND	1	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	1	U	ND	.5	U
Tetrachloroethylene	169	1	D	273	2.5	D	215	2.5	D
Toluene	ND	.5	U	ND	1	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	1	U	ND	.5	U
Trichloroethylene	.54	.5		4.2	1		6.7	.5	
Trichlorofluoromethane	ND	.5	U	ND	1	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	1	U	ND	.5	U
TVOC	200.06	0		336.96	0		293.74	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III Middle Road

	Well ID:113-09 Date:11/26/01 Depth: 222			Well ID:113-11 Date:02/12/01 Depth: 201			Well ID:113-11 Date:07/16/01 Depth: 201		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	2.5	U	ND	.5	U
1,1,1-Trichloroethane	24.3	.5		ND	2.5	U	.94	.5	
1,1,2,2-Tetrachloroethane	35.4	.5		ND	2.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	2.5	U	ND	.5	U
1,1-Dichloroethane	1.3	.5		ND	2.5	U	.3	.5	J
1,1-Dichloroethylene	10.5	.5		ND	2.5	U	.38	.5	J
1,1-Dichloropropene	ND	.5	U	ND	2.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	2.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	2.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	2.5	U	ND	.5	U
1,2-Dichloroethane	.25	.5	J	ND	2.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	2.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	2.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	2.5	U	ND	.5	U
Benzene	ND	.5	U	ND	2.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	2.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	2.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	2.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	2.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	2.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	2.5	U	ND	.5	U
Carbon tetrachloride	2.7	.5		234	2.5		289	2.5	
Chlorobenzene	ND	.5	U	ND	2.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	2.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	2.5	U	ND	.5	U
Chloroform	.82	.5		4.5	2.5		5.4	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	2.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	2.5	U	ND	.5	U
Cymene	ND	.5	U	ND	2.5	U	ND	.5	U
DBCP	ND	.5	U	ND	2.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	2.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	2.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	2.5	U	ND	.5	U
EDB	ND	.5	U	ND	2.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	2.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	2.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	2.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	2.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	2.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	2.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	8.3	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	2.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	2.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	2.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	2.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	2.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	2.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	2.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	2.5	U	ND	.5	U
Styrene	ND	.5	U	ND	2.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	2.5	U	ND	.5	U
Tetrachloroethylene	152	1	D	476	2.5		280	2.5	
Toluene	ND	.5	U	ND	2.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	2.5	U	ND	.5	U
Trichloroethylene	10.2	.5		4	2.5		2.5	.5	
Trichlorofluoromethane	ND	.5	U	ND	2.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	2.5	U	ND	.5	U
TVOC	237.47	0		718.5	0		579.29	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III Middle Road

	Well ID:113-11 Date:11/26/01 Depth: 201			Well ID:113-16 Date:06/22/01 Depth: 110			Well ID:113-16 Date:12/28/01 Depth: 110		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	1.4	.5		21.6	.5		16.8	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	.65	.5		.45	.5	J
1,1-Dichloroethylene	.5	.5		3.7	.5		2.2	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	.93	.5	
1,2-Dichloroethane	ND	.5	U	.58	.5		.61	.5	
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	151	5	D	.4	.5	J	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	3.1	.5		3.4	.5		2.8	.5	
cis-1,2-Dichloroethylene	ND	.5	U	7.1	.5		5.1	.5	
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	.28	.5	J	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	660	5	D	22.1	.5		27.6	.5	
Toluene	ND	.5	U	1	.5		ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	6.9	.5		1.2	.5		1.4	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	822.9	0		62.01	0		59.69	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III Middle Road

	Well ID:113-17 Date:06/22/01 Depth: 180			Well ID:113-17 Date:12/28/01 Depth: 177			Well ID:113-18 Date:06/25/01 Depth: 115		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	2.1	.5		2.8	.5		2.8	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	.44	.5	J	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	.95	.5		.8	.5		.36	.5	J
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	18	.5		35.8	.5		ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.1	.5		1.1	.5		.77	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	.27	.5	J
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	798	5	D	1410	10	D	.6	.5	
Toluene	.36	.5	J	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	11.4	.5		14.8	.5		.32	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	831.91	0		1465.74	0		5.12	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III Middle Road

	Well ID:113-18 Date:12/27/01 Depth: 152			Well ID:113-19 Date:06/25/01 Depth: 230			Well ID:113-19 Date:12/14/01 Depth: 230		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	1.1	.5		2.7	.5		15	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	.4	.5	J
1,1-Dichloroethylene	ND	.5	U	.53	.5		2.4	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	100	.5	E	30.8	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.65	.5		7.4	.5		3.1	.5	
cis-1,2-Dichloroethylene	.26	.5	J	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	.28	.5	J	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	.48	.5	J	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.25	.5	J	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	2.74	0		110.91	0		51.7	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III Middle Road

	Well ID:113-20 Date:06/25/01 Depth: 170			Well ID:113-20 Date:12/27/01 Depth: 170			Well ID:113-21 Date:06/22/01 Depth: 185		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	2.6	.5		1.6	.5		.92	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	.25	.5	J
1,1-Dichloroethylene	.46	.5	J	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	49.9	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.2	.5		1	.5		1.7	.5	
cis-1,2-Dichloroethylene	4.2	.5		1	.5		ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	3.2	.5		1.5	.5		299	5	D
Toluene	ND	.5	U	.28	.5	J	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.79	.5		.41	.5	J	2.2	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	12.45	0		5.79	0		353.97	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III Middle Road

	Well ID:113-21 Date:12/28/01 Depth: 185			Well ID:113-22 Date:06/22/01 Depth: 240			Well ID:113-22 Date:12/14/01 Depth: 240		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.99	.5		ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	.31	.5	J	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	16.5	.5		ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.3	.5		ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	.29	.5	J	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	47.5	.5		ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	1.7	.5		ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	68.59	0		0	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III Middle Road

	Well ID:114-12 Date:06/25/01 Depth: 155			Well ID:114-12 Date:12/27/01 Depth: 155		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	1.2	.5		.32	.5	J
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	.31	.5	J	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U
Chloroform	.9	.5		ND	.5	U
cis-1,2-Dichloroethylene	1.5	.5		.5	.5	
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U
Tetrachloroethylene	1.5	.5		.66	.5	
Toluene	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U
Trichloroethylene	.45	.5	J	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U
TVOC	5.86	0		1.48	0	

OU III (SOUTH BOUNDARY)

ANALYTICAL RESULTS

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID:114-06 Date:02/23/01 Depth: 185			Well ID:114-06 Date:05/16/01 Depth: 185			Well ID:114-06 Date:08/15/01 Depth: 185		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	2.9	.5		3.1	.5		2.8	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	1.2	.5		1	.5		.96	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.31	.5	J	.29	.5	J	.26	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	.54	.5		.26	.5	J	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	.25	.5	J	ND	.5	U	.28	.5	J
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.48	.5	J	.42	.5	J	.47	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	6	0		5.07	0		4.77	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID:114-06 Date:10/19/01 Depth: 185			Well ID:114-07 Date:02/23/01 Depth: 205			Well ID:114-07 Date:05/16/01 Depth: 205		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	1.7	.5		5.8	.5		8.2	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	.3	.5	J	.36	.5	J
1,1-Dichloroethylene	.54	.5		2.4	.5		3.1	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	.37	.5	J
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	4.8	.5		6.7	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	.93	.5		ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	.27	.5	J	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	.26	.5	J	.28	.5	J
Toluene	ND	.5	U	.38	.5	J	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.33	.5	J	.84	.5		1.1	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	2.57	0		18.81	0		20.11	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID:114-07 Date:08/15/01 Depth: 205			Well ID:114-07 Date:10/22/01 Depth: 205			Well ID:121-06 Date:05/16/01 Depth: 45		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.47	.5	J	6	.5		ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	2.4	.5		ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	3.9	.5		.92	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	.36	.5	J	ND	.5	U
Toluene	ND	.5	U	ND	1.3	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.3	.5	J	1.4	.5		ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.77	0		14.06	0		.92	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID:121-07 Date:05/16/01 Depth: 94			Well ID:121-07 Date:10/25/01 Depth: 94			Well ID:121-08 Date:05/16/01 Depth: 185		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	1	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	.44	.5	J
1,1-Dichloroethylene	.29	.5	J	ND	.5	U	.28	.5	J
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.66	.5		.59	.5		2.7	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	.36	.5	J	ND	.79	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	.28	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.31	0		.59	0		4.7	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID:121-08 Date:10/25/01 Depth: 185			Well ID:121-09 Date:05/17/01 Depth: 95			Well ID:121-10 Date:02/23/01 Depth: 165		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	1.2	.5		ND	.5	U	.51	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	.5	.5		ND	.5	U	.3	.5	J
1,1-Dichloroethylene	.3	.5	J	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	2.5	.5		.64	.5		5.8	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	.37	.5	J
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	.32	.5	J
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	.72	.5	
Toluene	ND	.5	U	ND	.5	U	.32	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	4.5	0		.64	0		10.98	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID:121-10 Date:05/17/01 Depth: 165			Well ID:121-10 Date:08/20/01 Depth: 165			Well ID:121-10 Date:10/24/01 Depth: 165		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.75	.5		1.4	.5		1.9	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	.35	.5	J	.26	.5	J	.39	.5	J
1,1-Dichloroethylene	ND	.5	U	.26	.5	J	.44	.5	J
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	7.7	.5		8.6	.5		7.2	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.76	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	.64	.5		.58	.5		.78	.5	
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	9.44	0		12.28	0		10.72	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID:121-11 Date:02/23/01 Depth: 205			Well ID:121-11 Date:05/17/01 Depth: 205			Well ID:121-11 Date:08/20/01 Depth: 205		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	1	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	1	U	.28	.5	J
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	1	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	1	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	1	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	1	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	1	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	1	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	1	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	1	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	1	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	1	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	1	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	1	U	ND	.5	U
Benzene	ND	.5	U	ND	1	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	1	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	1	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	1	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	1	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	1	U	ND	.5	U
Bromoform	ND	.5	U	ND	1	U	ND	.5	U
Carbon tetrachloride	115	1	D	129	1		169	2.5	D
Chlorobenzene	ND	.5	U	ND	1	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	1	U	ND	.5	U
Chloroethane	ND	.5	U	ND	1	U	ND	.5	U
Chloroform	2.1	.5		2.2	1		2.6	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	1	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	1	U	ND	.5	U
Cymene	ND	.5	U	ND	1	U	ND	.5	U
DBCP	ND	.5	U	ND	1	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	1	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	1	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	1	U	ND	.5	U
EDB	ND	.5	U	ND	1	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	1	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	1	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	1	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	1	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	1	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	1	U	ND	.5	U
Methylene chloride	1.3	.5	B	ND	1	U	ND	.54	U
n-Butylbenzene	ND	.5	U	ND	1	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	1	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	1	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	1	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	1	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	1	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	1	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	1	U	ND	.5	U
Styrene	ND	.5	U	ND	1	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	1	U	ND	.5	U
Tetrachloroethylene	13.8	.5		12.5	1		11	.5	
Toluene	.33	.5	J	ND	1	U	ND	.52	U
trans-1,3-Dichloropropene	ND	.5	U	ND	1	U	ND	.5	U
Trichloroethylene	.46	.5	J	ND	1	U	.43	.5	J
Trichlorofluoromethane	ND	.5	U	ND	1	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	1	U	ND	.5	U
TVOC	132.99	0		143.7	0		183.57	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID:121-11 Date:10/24/01 Depth: 205			Well ID:121-12 Date:05/16/01 Depth: 50			Well ID:121-13 Date:02/23/01 Depth: 110		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.26	.5	J	ND	.5	U	2.9	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	1	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	141	1	D	ND	.5	U	1.1	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	2.1	.5		2.8	.5		1.4	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	.37	.5	J	.75	.5	
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	.25	.5	J
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	12.7	.5		ND	.5	U	65	.5	
Toluene	ND	.5	U	.26	.5	J	.44	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.35	.5	J	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	156.41	0		3.43	0		75.3	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID:121-13 Date:05/16/01 Depth: 125			Well ID:121-13 Date:08/16/01 Depth: 125			Well ID:121-13 Date:10/22/01 Depth: 125		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	3.6	.5		8	.5		4.7	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	1.3	.5		3.1	.5		1.9	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	1.5	.5		1.1	.5		.61	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.6	.5		1.2	.5		.72	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	.3	.5	J	ND	1.9	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	32.2	.5		28	.5		24.7	.5	
Toluene	.28	.5	J	ND	1.4	U	ND	.96	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	40.78	0		41.73	0		33.59	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID:121-14 Date:02/23/01 Depth: 195			Well ID:121-14 Date:05/16/01 Depth: 195			Well ID:121-14 Date:08/16/01 Depth: 195		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	13.5	.5		17.4	.5		34.5	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	.5	.5		.56	.5		.55	.5	
1,1-Dichloroethylene	3.3	.5		5.6	.5		8.6	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	2.5	.5		3.4	.5		2.9	.5	
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	.31	.5	J	.32	.5	J
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	2.2	.5		2.4	.5		2.5	.5	
cis-1,2-Dichloroethylene	1	.5		1.3	.5		3	.5	
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	3.1	.5		.68	.5		ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	.32	.5	J	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	12.8	.5		12.5	.5		18.1	.5	
Toluene	.54	.5		.51	.5		ND	1.7	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	3.1	.5		2.9	.5		3.6	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	47.15	0		47.56	0		74.35	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID:121-14 Date:10/22/01 Depth: 195			Well ID:121-18 Date:05/17/01 Depth: 70			Well ID:121-19 Date:05/17/01 Depth: 100		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	27.3	.5		ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	.43	.5	J	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	6.9	.5		ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	2	.5		ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	2.3	.5		1.9	.5		2	.5	
cis-1,2-Dichloroethylene	3.3	.5		ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	17.9	.5		ND	.5	U	ND	.5	U
Toluene	ND	.65	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	2.9	.5		ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	63.03	0		1.9	0		2	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID:121-19 Date:10/24/01 Depth: 100			Well ID:121-20 Date:02/26/01 Depth: 190			Well ID:121-20 Date:05/17/01 Depth: 190		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	.37	.5	J	.46	.5	J
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	2.4	.5		ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	14.8	.5		14.8	.5	
Toluene	ND	.5	U	.56	.5		ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	2.4	0		16.2	0		15.26	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID:121-20 Date:08/20/01 Depth: 190			Well ID:121-20 Date:10/24/01 Depth: 190			Well ID:121-21 Date:02/23/01 Depth: 70		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.45	.5	J	.4	.5	J	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	1.9	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.58	U	ND	.5	U	3.1	.5	
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	.29	.5	J
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	9.7	.5		7.6	.5		ND	.5	U
Toluene	ND	.5	U	ND	.5	U	.4	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	10.15	0		8	0		7.53	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID:121-21 Date:05/17/01 Depth: 70			Well ID:121-21 Date:08/16/01 Depth: 70			Well ID:121-22 Date:05/17/01 Depth: 130		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	2.3	.5		2.5	.5		.64	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	2	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	2	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	2.3	0		2.79	0		.64	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID:121-22 Date:10/19/01 Depth: 130			Well ID:121-23 Date:02/23/01 Depth: 190			Well ID:121-23 Date:05/17/01 Depth: 190		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	1	U
1,1,1-Trichloroethane	ND	.5	U	9.6	.5		9.1	1	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	1	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	1	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	1	U
1,1-Dichloroethylene	ND	.5	U	3.5	.5		2.8	1	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	1	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	1	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	1	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	1	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	1	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	1	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	1	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	1	U
Benzene	ND	.5	U	ND	.5	U	ND	1	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	1	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	1	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	1	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	1	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	1	U
Bromoform	ND	.5	U	ND	.5	U	ND	1	U
Carbon tetrachloride	ND	.5	U	1.4	.5		1.9	1	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	1	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	1	U
Chloroethane	ND	.5	U	ND	.5	U	ND	1	U
Chloroform	.48	.5	J	1.3	.5		1.3	1	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	1	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	1	U
Cymene	ND	.5	U	ND	.5	U	ND	1	U
DBCP	ND	.5	U	ND	.5	U	ND	1	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	1	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	1	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	1	U
EDB	ND	.5	U	ND	.5	U	ND	1	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	1	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	1	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	1	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	1	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	1	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	1	U
Methylene chloride	ND	.5	U	.35	.5	J	.67	1	J
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	1	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	1	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	1	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	1	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	1	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	1	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	1	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	1	U
Styrene	ND	.5	U	ND	.5	U	ND	1	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	1	U
Tetrachloroethylene	ND	.5	U	142	1	D	154	1	
Toluene	ND	.5	U	.34	.5	J	ND	1	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	1	U
Trichloroethylene	ND	.5	U	1.2	.5		.96	1	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	1	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	1	U
TVOC	.48	0		160.07	0		170.73	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID:121-23 Date:08/16/01 Depth: 190			Well ID:121-23 Date:10/24/01 Depth: 190			Well ID:122-02 Date:05/17/01 Depth: 95		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	14.4	.5		19	.5		ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	.28	.5	J	ND	.5	U
1,1-Dichloroethylene	5.2	.5		8	.5		ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	.48	.5	J	.63	.5		ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	1.6	.5		2	.5		ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.3	.5		1.8	.5		.6	.5	
cis-1,2-Dichloroethylene	ND	.5	U	.45	.5	J	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	1.2	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	142	1	D	119	1	D	ND	.5	U
Toluene	ND	1.1	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	1.2	.5		1.4	.5		ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	166.44	0		152.56	0		.6	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID:122-02 Date:10/22/01 Depth: 95			Well ID:122-04 Date:02/26/01 Depth: 203			Well ID:122-04 Date:05/17/01 Depth: 203		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	53.3	.5		65.2	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	.26	.5	J
1,1-Dichloroethane	ND	.5	U	2.6	.5		2.5	.5	
1,1-Dichloroethylene	ND	.5	U	23	.5		29.8	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	.33	.5	J	.66	.5	
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.47	.5	J	1	.5		1.7	.5	
cis-1,2-Dichloroethylene	ND	.5	U	2.9	.5		6.5	.5	
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	11.1	.5		88.1	.5	
Toluene	ND	.5	U	.82	.5		ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	2.6	.5		5.2	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.47	0		98.01	0		199.92	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID:122-04 Date:08/15/01 Depth: 203			Well ID:122-04 Date:10/22/01 Depth: 203			Well ID:122-05 Date:02/26/01 Depth: 272		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	1	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	106	1		51.3	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	1	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	.6	1	J	ND	.5	U
1,1-Dichloroethane	ND	.5	U	1.4	1		ND	.5	U
1,1-Dichloroethylene	ND	.5	U	56.6	1		24.4	.5	
1,1-Dichloropropene	ND	.5	U	ND	1	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	1	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	1	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	1	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	1	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	1	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	1	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	1	U	ND	.5	U
Benzene	ND	.5	U	ND	1	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	1	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	1	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	1	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	1	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	1	U	ND	.5	U
Bromoform	ND	.5	U	ND	1	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	1	U	2.3	.5	
Chlorobenzene	ND	.5	U	ND	1	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	1	U	ND	.5	U
Chloroethane	ND	.5	U	ND	1	U	ND	.5	U
Chloroform	ND	.5	U	.55	1	J	.78	.5	
cis-1,2-Dichloroethylene	ND	.5	U	2	1		.66	.5	
cis-1,3-Dichloropropene	ND	.5	U	ND	1	U	ND	.5	U
Cymene	ND	.5	U	ND	1	U	ND	.5	U
DBCP	ND	.5	U	ND	1	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	1	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	1	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	1	U	ND	.5	U
EDB	ND	.5	U	ND	1	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	1	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	1	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	1	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	1	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	1	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	1	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	1	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	1	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	1	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	1	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	1	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	1	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	1	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	1	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	1	U	ND	.5	U
Styrene	ND	.5	U	ND	1	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	1	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	36.3	1		ND	.5	U
Toluene	ND	.5	U	ND	.76	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	1	U	ND	.5	U
Trichloroethylene	ND	.5	U	6.5	1		8.4	.5	
Trichlorofluoromethane	ND	.5	U	ND	1	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	1	U	ND	.5	U
TVOC	0	0		210.01	0		87.85	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID:122-05 Date:05/17/01 Depth: 272			Well ID:122-05 Date:08/20/01 Depth: 272			Well ID:122-05 Date:10/22/01 Depth: 272		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	44.1	.5		34.2	.5		29.1	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	20.4	.5		15.7	.5		14.2	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	.28	.5	J	.26	.5	J	.39	.5	J
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	2.3	.5		2.5	.5		2.1	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.9	.5		.78	.5		.8	.5	
cis-1,2-Dichloroethylene	.52	.5		.42	.5	J	.38	.5	J
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	.31	.5	J	ND	.5	U	ND	.75	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	7.7	.5		8	.5		8	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	76.51	0		61.86	0		54.97	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID:122-09 Date:05/18/01 Depth: 115			Well ID:122-09 Date:10/19/01 Depth: 115			Well ID:122-10 Date:02/23/01 Depth: 155		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.81	.5		.68	.5		.51	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	3.4	.5	
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	.36	.5	J
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	.44	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.81	0		.68	0		7	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID:122-10 Date:05/18/01 Depth: 155			Well ID:122-10 Date:08/15/01 Depth: 155			Well ID:122-15 Date:05/17/01 Depth: 60		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.68	.5		.83	.5		1.1	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	1.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.68	0		.83	0		1.1	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID:122-16 Date:02/21/01 Depth: 150			Well ID:122-16 Date:05/17/01 Depth: 150			Well ID:122-16 Date:08/16/01 Depth: 150		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1	.5		.74	.5		.44	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.54	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	1.7	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.29	0		.74	0		.7	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID:122-16 Date:10/19/01 Depth: 150			Well ID:122-17 Date:02/21/01 Depth: 210			Well ID:122-17 Date:05/23/01 Depth: 210		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	74.2	.5		61.7	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	.37	.5	J	.32	.5	J
1,1-Dichloroethylene	ND	.5	U	35.2	.5		29.5	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	.67	.5		1	.5	
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	1.2	.5		1.2	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.36	.5	J	1.6	.5		1.8	.5	
cis-1,2-Dichloroethylene	ND	.5	U	.72	.5		.54	.5	
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	.25	.5	J	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	5.6	.5		4.4	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.61	0		119.56	0		100.46	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID:122-17 Date:08/16/01 Depth: 210			Well ID:122-17 Date:10/25/01 Depth: 210			Well ID:122-18 Date:02/21/01 Depth: 140		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	74.4	.5		73.1	.5		ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	.38	.5	J	.41	.5	J	ND	.5	U
1,1-Dichloroethylene	36	.5		34.8	.5		ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	1.9	.5		2.6	.5		ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	1.3	.5		1.2	.5		ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.9	.5		2.3	.5		.76	.5	
cis-1,2-Dichloroethylene	.69	.5		.63	.5		ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	1.3	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.9	U	ND	.86	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	4.6	.5		4.1	.5		ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	121.45	0		119.14	0		.76	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID:122-18 Date:05/18/01 Depth: 140			Well ID:122-18 Date:08/15/01 Depth: 140			Well ID:122-19 Date:02/21/01 Depth: 200		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.36	.5	J	.26	.5	J	.78	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	.5	.5	
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.36	0		.26	0		1.54	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID:122-19 Date:05/18/01 Depth: 200			Well ID:122-19 Date:08/15/01 Depth: 200			Well ID:122-19 Date:10/19/01 Depth: 200		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.64	.5		.35	.5	J	.29	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.64	0		.35	0		.29	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID:122-20 Date:02/21/01 Depth: 260			Well ID:122-20 Date:05/18/01 Depth: 260			Well ID:122-20 Date:08/15/01 Depth: 260		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	1.6	.5		5.5	.5		7.4	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	.76	.5		2.6	.5		3.5	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	.3	.5	J	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	.35	.5	J	.54	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	.26	.5	J	.3	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	.27	.5	J
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	.98	.5		.28	.5	J	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	.36	.5	J	.62	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	3.69	0		9.65	0		12.63	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID:122-20 Date:10/19/01 Depth: 260			Well ID:122-21 Date:02/23/01 Depth: 185			Well ID:122-21 Date:05/18/01 Depth: 185		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	4.2	.5		.59	.5		.53	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	2	.5		.26	.5	J	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	.37	.5	J	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	.33	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.26	.5	J	.26	.5	J	.26	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	6.46	0		1.88	0		1.47	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID:122-21 Date:08/15/01 Depth: 185			Well ID:122-21 Date:10/19/01 Depth: 185			Well ID:122-22 Date:02/23/01 Depth: 205		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	.3	.5	J	4.9	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	1.3	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.82	.5		ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	.35	.5	J
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	.54	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.82	0		.3	0		7.4	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID:122-22 Date:05/18/01 Depth: 205			Well ID:122-22 Date:08/15/01 Depth: 205			Well ID:122-22 Date:10/22/01 Depth: 205		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	4.2	.5		2.2	.5		1.4	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	1.1	.5		.6	.5		.4	.5	J
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	.27	.5	J	ND	.5	U	ND	.74	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.78	.5		.74	.5		.6	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	6.35	0		3.54	0		2.4	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID:122-31 Date:02/26/01 Depth: 155			Well ID:122-31 Date:05/18/01 Depth: 155			Well ID:122-31 Date:08/16/01 Depth: 155		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	1.3	.5		1	.5		.74	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	.31	.5	J	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.42	.5	J	.55	.5		.5	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	.7	.5		ND	.5	U	ND	.98	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.76	.5		.63	.5		.48	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	4.2	0		2.18	0		1.72	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID:122-31 Date:10/25/01 Depth: 155			Well ID:122-32 Date:02/26/01 Depth: 205			Well ID:122-32 Date:05/18/01 Depth: 205		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.57	.5		11.9	.5		17.5	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	1.8	.5	
1,1-Dichloroethylene	ND	.5	U	4.3	.5		6.3	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.46	.5	J	.72	.5		.67	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.35	.5	J	1.2	.5		.96	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.38	0		18.52	0		27.23	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID:122-32 Date:08/16/01 Depth: 205			Well ID:122-32 Date:10/25/01 Depth: 205			Well ID:122-33 Date:02/26/01 Depth: 190		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	9.3	.5		7.6	.5		1.6	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	3.6	.5		2.9	.5		.46	.5	J
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.77	.5		.78	.5		1.2	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.63	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	1.4	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	1.4	.5		1.3	.5		1.1	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	15.07	0		12.58	0		4.75	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID:122-33 Date:05/18/01 Depth: 190			Well ID:122-33 Date:08/16/01 Depth: 190			Well ID:122-33 Date:10/25/01 Depth: 190		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	1.1	.5		1.1	.5		.84	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	.3	.5	J	.27	.5	J	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.4	.5		1.4	.5		1.3	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.62	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.98	U	ND	.53	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.88	.5		.98	.5		.78	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	3.68	0		5.35	0		2.92	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID:122-34 Date:02/28/01 Depth: 200			Well ID:122-34 Date:05/23/01 Depth: 200			Well ID:122-34 Date:08/20/01 Depth: 200		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	35.7	.5		27.7	.5		18.2	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	.26	.5	J	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	12.4	.5		10.3	.5		7.3	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.59	.5		.65	.5		.68	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	.71	.71	B
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	1.5	.5		1.6	.5		1.8	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	50.46	0		40.25	0		27.98	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID:122-34 Date:10/26/01 Depth: 200			Well ID:122-35 Date:02/28/01 Depth: 200			Well ID:122-35 Date:05/23/01 Depth: 205		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	6.1	.5		1.6	.5		1	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	2.5	.5		.42	.5	J	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.49	.5	J	.3	.5	J	.48	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	1.3	.5		ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	10.39	0		2.32	0		1.49	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID:122-35 Date:08/20/01 Depth: 205			Well ID:122-35 Date:10/26/01 Depth: 205			Well ID:124-02 Date:02/26/01 Depth: 195		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.83	.5		ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.58	.5		.68	.5		ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.52	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	.78	.5	
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.41	0		.68	0		1.39	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID:124-02 Date:05/18/01 Depth: 195			Well ID:124-02 Date:08/16/01 Depth: 195			Well ID:124-02 Date:10/26/01 Depth: 195		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	.28	.5	J	.27	.5	J
Methylene chloride	ND	.5	U	ND	.86	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		.55	0		.27	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID:126-01 Date:02/21/01 Depth: 65			Well ID:126-01 Date:05/17/01 Depth: 65			Well ID:126-01 Date:08/16/01 Depth: 65		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.76	.5		.76	.5		.76	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	.93	.5		ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.72	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.69	0		.76	0		.76	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID:126-01 Date:10/25/01 Depth: 70			Well ID:130-02 Date:02/21/01 Depth: 115			Well ID:130-02 Date:05/18/01 Depth: 115		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	7.6	.5		7	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	1.5	.5		1.2	.5	
1,1-Dichloroethylene	ND	.5	U	4.2	.5		3.8	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.67	.5		11.2	.5		9.5	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	.84	.5		.67	.5	
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	1	.5		ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	.78	.5		.63	.5	
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	2	.5		1.6	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.67	0		29.12	0		24.4	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID:130-02 Date:08/16/01 Depth: 115			Well ID:130-02 Date:10/24/01 Depth: 115			Well ID:130-03 Date:02/21/01 Depth: 163		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	8	.5		7.9	.5		6.2	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	1.4	.5		1.5	.5		1.1	.5	
1,1-Dichloroethylene	4.3	.5		4.3	.5		4.4	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	.34	.5	J
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	10.2	.5		10	.5		1.3	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	.87	.5		1.4	.5		ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	1.4	U	ND	.5	U	1.2	.5	
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	.66	.5		.69	.5		ND	.5	U
Toluene	ND	.89	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	1.8	.5		1.8	.5		6.5	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	27.23	0		27.59	0		21.04	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID:130-03 Date:05/18/01 Depth: 163			Well ID:130-03 Date:08/16/01 Depth: 163			Well ID:130-03 Date:10/24/01 Depth: 164		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	6.2	.5		7	.5		6.4	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	1.1	.5		1.2	.5		1.2	.5	
1,1-Dichloroethylene	4.4	.5		5	.5		4.7	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	.32	.5	J	.33	.5	J	.31	.5	J
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.1	.5		1.2	.5		1.2	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	.36	.5	J	.58	.5	
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.95	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	5.8	.5		6.4	.5		6.6	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	18.92	0		21.49	0		20.99	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID:130-04 Date:02/21/01 Depth: 288			Well ID:130-04 Date:05/18/01 Depth: 288			Well ID:130-04 Date:08/16/01 Depth: 288		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	1.1	.5		ND	.5	U	ND	.82	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.77	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.1	0		0	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID:130-04 Date:10/24/01 Depth: 288		
Analyte	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U
1,1-Dichloroethane	ND	.5	U
1,1-Dichloroethylene	ND	.5	U
1,1-Dichloropropene	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U
1,2-Dichloroethane	ND	.5	U
1,2-Dichloropropane	ND	.5	U
1,3-Dichloropropane	ND	.5	U
2,2-Dichloropropane	ND	.5	U
Benzene	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U
Bromobenzene	ND	.5	U
Bromodichloromethane	ND	.5	U
Bromoform	ND	.5	U
Carbon tetrachloride	ND	.5	U
Chlorobenzene	ND	.5	U
Chlorobromomethane	ND	.5	U
Chloroethane	ND	.5	U
Chloroform	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U
Cymene	ND	.5	U
DBCP	ND	.5	U
Dibromochloromethane	ND	.5	U
Dibromomethane	ND	.5	U
Dichlorodifluoromethane	ND	.5	U
EDB	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U
Ethylbenzene	ND	.5	U
Hexachlorobutadiene*	ND	.5	U
m-Dichlorobenzene	ND	.5	U
Methyl bromide	ND	.5	U
Methyl chloride	ND	.5	U
Methylene chloride	ND	.5	U
n-Butylbenzene	ND	.5	U
n-Propylbenzene	ND	.5	U
Naphthalene*	ND	.5	U
o-Chlorotoluene	ND	.5	U
o-Dichlorobenzene	ND	.5	U
p-Chlorotoluene	ND	.5	U
p-Dichlorobenzene	ND	.5	U
sec-Butylbenzene	ND	.5	U
Styrene	ND	.5	U
tert-Butylbenzene	ND	.5	U
Tetrachloroethylene	ND	.5	U
Toluene	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U
Trichloroethylene	ND	.5	U
Trichlorofluoromethane	ND	.5	U
Vinyl chloride	ND	.5	U
TVOC	0	0	

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	Well ID: 114-06 Date: 02/23/01 Depth: 185				Well ID: 114-06 Date: 05/16/01 Depth: 185				Well ID: 114-06 Date: 08/15/01 Depth: 185			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241					<MDL	18.5	11.5	U				
Beryllium-7					<MDL	23.8	14.3	U				
Cesium-134					<MDL	1.98	1.31	U				
Cesium-137					<MDL	2.45	1.3	U				
Co-60					<MDL	2.23	1.21	U				
Cobalt-57					<MDL	2.02	1.16	U				
Europium-152					<MDL	6.4	3.7	U				
Europium-154					<MDL	6.65	4.23	U				
Europium-155					<MDL	8.18	4.73	U				
Gross Alpha					<MDL	1.62	.438	UJ				
Gross Beta					<MDL	2.84	1.29	UJ				
Manganese-54					<MDL	2.1	1.18	U				
Sodium-22					<MDL	2.39	1.52	U				
Strontium-90					<MDL	.244	.134	UJ-T				
Tritium	<MDL	515	297	U	<MDL	416	246	U	<MDL	481	274	U
Vanadium-48					<MDL	5.71	3.22	U				
Zinc-65					<MDL	4.49	2.84	U				

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	Well ID: 114-06 Date: 10/19/01 Depth: 185				Well ID: 114-07 Date: 02/23/01 Depth: 205				Well ID: 114-07 Date: 05/16/01 Depth: 205			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241									<MDL	20.1	16.6	U-DL
Beryllium-7									<MDL	39.3	24.4	U
Cesium-134									<MDL	3.68	2.24	U
Cesium-137									7.39	3.45	4.13	J-N2
Co-60									<MDL	4.62	2.45	U
Cobalt-57									<MDL	2.63	1.56	U
Europium-152									<MDL	10.1	6.21	U
Europium-154									<MDL	11.9	7.41	U
Europium-155									<MDL	11.1	6.4	U
Gross Alpha									<MDL	1.76	.644	UJ
Gross Beta									<MDL	3.56	1.66	UJ
Manganese-54									<MDL	3.7	2.17	U
Sodium-22									<MDL	3.62	2.66	U
Strontium-90									<MDL	.581	.345	UJ-T
Tritium	<MDL	436	254	U	<MDL	500	291	U	<MDL	421	252	U
Vanadium-48									<MDL	10.3	6.16	U-DL
Zinc-65									<MDL	8.4	4.86	U

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	Well ID: 114-07 Date: 08/15/01 Depth: 205				Well ID: 114-07 Date: 10/22/01 Depth: 205				Well ID: 121-06 Date: 05/16/01 Depth: 45			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241									<MDL	13.9	8.2	U
Beryllium-7									<MDL	22.6	13.5	U
Cesium-134									<MDL	1.98	1.38	U
Cesium-137									<MDL	2.2	1.21	U
Co-60									<MDL	2.36	1.41	U
Cobalt-57									<MDL	2.13	1.23	U
Europium-152									<MDL	6.79	3.79	U
Europium-154									<MDL	6.75	3.69	U
Europium-155									<MDL	8.97	5.17	U
Gross Alpha									<MDL	1.15	.416	UJ
Gross Beta									<MDL	2.51	1.2	UJ
Manganese-54									<MDL	2.09	1.17	U
Sodium-22									<MDL	2.43	1.33	U
Strontium-90									<MDL	.351	.201	UJ-T
Tritium	<MDL	476	265	U	<MDL	434	255	U	<MDL	422	243	U
Vanadium-48									<MDL	6.06	3.25	U
Zinc-65									<MDL	4.77	3	U

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	Well ID: 121-07 Date: 05/16/01 Depth: 94				Well ID: 121-07 Date: 10/25/01 Depth: 94				Well ID: 121-08 Date: 05/16/01 Depth: 185			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	12.1	7.52	U					<MDL	12.4	6.85	U
Beryllium-7	<MDL	23.3	13	U					<MDL	24.2	13	U
Cesium-134	<MDL	2.15	1.25	U					<MDL	2.25	1.35	U
Cesium-137	<MDL	2.49	1.62	U					<MDL	2.26	1.34	U
Co-60	<MDL	2.62	1.45	U					<MDL	2.47	1.31	U
Cobalt-57	<MDL	2.05	1.78	U					<MDL	2.02	1.16	U
Europium-152	<MDL	6.81	3.98	U					<MDL	6.8	4.02	U
Europium-154	<MDL	6.76	3.58	U					<MDL	6.64	3.53	U
Europium-155	<MDL	8.18	4.69	U					<MDL	8.21	4.74	U
Gross Alpha	<MDL	1.91	.618	UJ					<MDL	2.07	.842	UJ-DL
Gross Beta	<MDL	2.48	1.14	UJ					<MDL	2.81	1.33	UJ
Manganese-54	<MDL	2.38	1.29	U					<MDL	2.17	1.2	U
Sodium-22	<MDL	2.43	1.29	U					<MDL	2.39	1.27	U
Strontium-90	<MDL	.283	.162	UJ-T					<MDL	.253	.143	UJ-T
Tritium	<MDL	419	239	U	<MDL	386	216	U	<MDL	415	238	U
Vanadium-48	<MDL	5.17	3.34	U					<MDL	6.55	3.85	U
Zinc-65	<MDL	5.04	2.92	U					<MDL	4.6	2.95	U

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	Well ID: 121-08 Date: 10/25/01 Depth: 185				Well ID: 121-09 Date: 05/17/01 Depth: 95				Well ID: 121-10 Date: 02/23/01 Depth: 165			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241					<MDL	12.2	7.73	U				
Beryllium-7					<MDL	20.9	12	U				
Cesium-134					<MDL	1.93	1.29	U				
Cesium-137					<MDL	1.87	1.13	U				
Co-60					<MDL	2.16	1.22	U				
Cobalt-57					<MDL	1.81	1.08	U				
Europium-152					<MDL	6.1	3.4	U				
Europium-154					<MDL	6.09	3.3	U				
Europium-155					<MDL	7.57	4.46	U				
Gross Alpha					<MDL	.885	.418	UJ				
Gross Beta					<MDL	1.85	.753	UJ				
Manganese-54					<MDL	1.79	1.19	U				
Sodium-22					<MDL	2.19	1.19	U				
Strontium-90					<MDL	.271	.128	U				
Tritium	<MDL	394	227	U	<MDL	871	501	U	<MDL	523	301	U
Vanadium-48					<MDL	4.3	2.44	U				
Zinc-65					<MDL	4.4	2.71	U				

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	Well ID: 121-10 Date: 05/17/01 Depth: 165				Well ID: 121-10 Date: 08/20/01 Depth: 165				Well ID: 121-10 Date: 10/24/01 Depth: 165			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	15.7	8.98	U								
Beryllium-7	<MDL	26.4	14.6	U								
Cesium-134	<MDL	2.72	1.57	U								
Cesium-137	<MDL	2.63	1.54	U								
Co-60	<MDL	2.58	1.48	U								
Cobalt-57	<MDL	2.53	1.46	U								
Europium-152	<MDL	7.47	4.33	U								
Europium-154	<MDL	8.15	4.29	U								
Europium-155	<MDL	10.7	5.99	U								
Gross Alpha	<MDL	1.62	.797	UJ								
Gross Beta	3.12	2.15	1.09	J-N2								
Manganese-54	<MDL	2.85	1.59	U								
Sodium-22	<MDL	2.93	1.54	U								
Strontium-90	<MDL	.275	.135	U								
Tritium	<MDL	920	535	U	<MDL	448	250	U	<MDL	401	229	U
Vanadium-48	<MDL	6	3.18	U								
Zinc-65	<MDL	6.36	3.49	U								

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	Well ID: 121-11 Date: 02/23/01 Depth: 205				Well ID: 121-11 Date: 05/17/01 Depth: 205				Well ID: 121-11 Date: 08/20/01 Depth: 205			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241					<MDL	16.8	10.5	U				
Beryllium-7					<MDL	18.3	10.9	U				
Cesium-134					<MDL	1.9	1.09	U				
Cesium-137					<MDL	1.98	1.09	U				
Co-60					<MDL	1.98	1.13	U				
Cobalt-57					<MDL	1.81	1.03	U				
Europium-152					<MDL	5.59	3.31	U				
Europium-154					<MDL	5.74	3.22	U				
Europium-155					<MDL	7.16	4.28	U				
Gross Alpha					<MDL	1.65	.637	UJ				
Gross Beta					<MDL	2.05	.899	UJ				
Manganese-54					<MDL	2.02	1.15	U				
Sodium-22					<MDL	2.06	1.16	U				
Strontium-90					<MDL	.288	.138	U				
Tritium	<MDL	537	296	U	<MDL	878	512	U	<MDL	451	255	U
Vanadium-48					<MDL	4.8	2.72	U				
Zinc-65					<MDL	4.1	2.47	U				

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	Well ID: 121-11 Date: 10/24/01 Depth: 205				Well ID: 121-12 Date: 05/16/01 Depth: 50				Well ID: 121-13 Date: 02/23/01 Depth: 110			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241					<MDL	11.7	6.74	U				
Beryllium-7					<MDL	20.9	12.2	U				
Cesium-134					<MDL	1.89	1.23	U				
Cesium-137					<MDL	2.06	1.23	U				
Co-60					<MDL	2.33	1.27	U				
Cobalt-57					<MDL	2.05	1.21	U				
Europium-152					<MDL	6.24	3.56	U				
Europium-154					<MDL	6.43	3.76	U				
Europium-155					<MDL	8.72	4.93	U				
Gross Alpha					<MDL	1.19	.324	UJ				
Gross Beta					<MDL	2.42	1.08	UJ				
Manganese-54					<MDL	2.07	1.21	U				
Sodium-22					<MDL	2.31	1.35	U				
Strontium-90					<MDL	.375	.196	UJ-T				
Tritium	<MDL	413	232	U	<MDL	420	243	U	<MDL	513	294	U
Vanadium-48					<MDL	7.03	3.57	U				
Zinc-65					<MDL	4.72	2.76	U				

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	Well ID: 121-13 Date: 05/16/01 Depth: 125				Well ID: 121-13 Date: 08/16/01 Depth: 125				Well ID: 121-13 Date: 10/22/01 Depth: 125			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	4.58	2.98	U								
Beryllium-7	<MDL	25.9	14.7	U								
Cesium-134	<MDL	2.37	1.62	U								
Cesium-137	<MDL	2.66	1.74	U								
Co-60	<MDL	2.75	1.48	U								
Cobalt-57	<MDL	1.72	1.02	U								
Europium-152	<MDL	6.57	3.98	U								
Europium-154	<MDL	6.64	4.01	U								
Europium-155	<MDL	6.98	4.05	U								
Gross Alpha	<MDL	2.35	1.02	UJ-DL								
Gross Beta	<MDL	2.71	1.27	UJ								
Manganese-54	<MDL	2.47	1.4	U								
Sodium-22	<MDL	2.39	1.44	U								
Strontium-90	<MDL	.278	.154	U								
Tritium	<MDL	424	258	U	<MDL	413	241	U	<MDL	435	245	U
Vanadium-48	<MDL	7.4	4.67	U								
Zinc-65	<MDL	5.28	3.19	U								

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	Well ID: 121-14 Date: 02/23/01 Depth: 195				Well ID: 121-14 Date: 05/16/01 Depth: 195				Well ID: 121-14 Date: 08/16/01 Depth: 195			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241					<MDL	13.2	8.87	U				
Beryllium-7					<MDL	35.6	20.6	U				
Cesium-134					<MDL	3.19	2.08	U				
Cesium-137					<MDL	3.31	1.93	U				
Co-60					<MDL	3.31	1.69	U				
Cobalt-57					<MDL	2.86	1.74	U				
Europium-152					<MDL	9.18	5.34	U				
Europium-154					<MDL	8.68	5.06	U				
Europium-155					<MDL	12.3	7.24	U				
Gross Alpha					<MDL	2.2	1.11	UJ-DL				
Gross Beta					3.33	2.83	1.5	J-N2				
Manganese-54					<MDL	3.34	2.07	U				
Sodium-22					<MDL	3.12	1.82	U				
Strontium-90					<MDL	.224	.126	U				
Tritium	<MDL	537	308	U	<MDL	412	245	U	<MDL	408	246	U
Vanadium-48					<MDL	8.51	4.66	U				
Zinc-65					<MDL	6.99	4.25	U				

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	Well ID: 121-14 Date: 10/22/01 Depth: 195				Well ID: 121-18 Date: 05/17/01 Depth: 70				Well ID: 121-19 Date: 05/17/01 Depth: 100			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241					<MDL	10.9	7.31	U	<MDL	16.1	10.2	U
Beryllium-7					<MDL	28.2	16.8	U	<MDL	21.1	12.1	U
Cesium-134					<MDL	2.72	1.76	U	<MDL	1.78	1.12	U
Cesium-137					<MDL	2.66	1.04	U	<MDL	1.94	2.56	U
Co-60					<MDL	2.98	3.59	U	<MDL	2.22	1.21	U
Cobalt-57					<MDL	2.38	1.42	U	<MDL	1.72	.983	U
Europium-152					<MDL	7.9	4.57	U	<MDL	5.72	3.38	U
Europium-154					<MDL	7.37	4.08	U	<MDL	5.28	2.86	U
Europium-155					<MDL	9.66	5.95	U	<MDL	7.34	4.12	U
Gross Alpha					<MDL	1.18	.46	UJ	<MDL	.828	.407	U
Gross Beta					<MDL	2.11	.888	UJ	<MDL	2.08	.862	U
Manganese-54					<MDL	2.85	1.65	U	<MDL	1.8	1.16	U
Sodium-22					<MDL	2.65	1.47	U	<MDL	1.9	1.03	U
Strontium-90					<MDL	.328	.147	U	<MDL	.32	.154	U
Tritium	<MDL	429	241	U	<MDL	885	511	U	<MDL	765	444	U
Vanadium-48					<MDL	7.4	4.2	U	<MDL	5.2	3.16	U
Zinc-65					<MDL	5.61	4.15	U	<MDL	3.96	2.62	U

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	Well ID: 121-19 Date: 10/24/01 Depth: 100				Well ID: 121-20 Date: 02/26/01 Depth: 190				Well ID: 121-20 Date: 05/17/01 Depth: 190			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241									<MDL	15.4	9.04	U
Beryllium-7									<MDL	24.9	16	U
Cesium-134									<MDL	2.18	1.25	U
Cesium-137									<MDL	2.34	1.4	U
Co-60									<MDL	2.95	3.21	U
Cobalt-57									<MDL	2.16	1.22	U
Europium-152									<MDL	7.02	4.27	U
Europium-154									<MDL	7.2	3.68	U
Europium-155									<MDL	8.66	5.07	U
Gross Alpha									<MDL	.798	.344	UJ
Gross Beta									<MDL	1.55	.645	UJ
Manganese-54									<MDL	2.38	1.31	U
Sodium-22									<MDL	2.58	1.32	U
Strontium-90									<MDL	.283	.142	U
Tritium	<MDL	399	246	U	<MDL	460	262	U	<MDL	901	522	U
Vanadium-48									<MDL	6.45	3.63	U
Zinc-65									<MDL	5.29	2.85	U

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	Well ID: 121-20 Date: 08/20/01 Depth: 190				Well ID: 121-20 Date: 10/24/01 Depth: 190				Well ID: 121-21 Date: 02/23/01 Depth: 70			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	456	253	U	<MDL	404	234	U	<MDL	525	307	U
Vanadium-48												
Zinc-65												

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	Well ID: 121-21 Date: 05/17/01 Depth: 70				Well ID: 121-21 Date: 08/16/01 Depth: 70				Well ID: 121-22 Date: 05/17/01 Depth: 130			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	14	8.98	U					<MDL	18.7	11.2	U
Beryllium-7	<MDL	24.8	14	U					<MDL	22.4	13.3	U
Cesium-134	<MDL	2.48	1.52	U					<MDL	2.11	1.48	U
Cesium-137	<MDL	2.35	1.43	U					<MDL	2.41	1.38	U
Co-60	<MDL	2.73	1.38	U					<MDL	2.35	1.36	U
Cobalt-57	<MDL	2.28	1.38	U					<MDL	2.18	1.29	U
Europium-152	<MDL	7.64	4.28	U					<MDL	6.48	3.78	U
Europium-154	<MDL	7.99	4.45	U					<MDL	5.92	3.33	U
Europium-155	<MDL	8.91	5.17	U					<MDL	8.87	5.31	U
Gross Alpha	<MDL	1.11	.39	UJ					<MDL	1.06	.487	UJ
Gross Beta	<MDL	1.86	.809	UJ					<MDL	2.18	.853	UJ
Manganese-54	<MDL	2.75	2.65	U					<MDL	2.14	1.28	U
Sodium-22	<MDL	2.87	1.6	U					<MDL	2.13	1.2	U
Strontium-90	<MDL	.31	.134	U					<MDL	.246	.115	U
Tritium	<MDL	882	503	U	<MDL	408	236	U	<MDL	866	508	U
Vanadium-48	<MDL	5.57	3.39	U					<MDL	5.79	3.02	U
Zinc-65	<MDL	4.64	3.02	U					<MDL	5.21	2.83	U

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	Well ID: 121-22 Date: 10/19/01 Depth: 130				Well ID: 121-23 Date: 02/23/01 Depth: 190				Well ID: 121-23 Date: 05/17/01 Depth: 190			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241									<MDL	15.3	10.6	U
Beryllium-7									<MDL	22.1	12.6	U
Cesium-134									<MDL	2.49	1.39	U
Cesium-137									<MDL	2.36	1.35	U
Co-60									<MDL	2.67	1.4	U
Cobalt-57									<MDL	2.05	1.18	U
Europium-152									<MDL	7.23	4.33	U
Europium-154									<MDL	8.05	4.01	U
Europium-155									<MDL	8.64	5.05	U
Gross Alpha									<MDL	1.37	.33	U
Gross Beta									<MDL	2.37	1.03	U
Manganese-54									<MDL	2.72	1.47	U
Sodium-22									<MDL	2.89	1.44	U
Strontium-90									<MDL	.352	.168	U
Tritium	<MDL	433	246	U	<MDL	540	295	U	<MDL	881	516	U
Vanadium-48									<MDL	4.99	2.85	U
Zinc-65									<MDL	5.1	3.18	U

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	Well ID: 121-23 Date: 08/16/01 Depth: 190				Well ID: 121-23 Date: 10/24/01 Depth: 190				Well ID: 122-02 Date: 05/17/01 Depth: 95			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241									<MDL	12.3	7.78	U
Beryllium-7									<MDL	23.7	13.7	U
Cesium-134									<MDL	1.93	1.37	U
Cesium-137									<MDL	2.43	1.32	U
Co-60									<MDL	2.73	1.55	U
Cobalt-57									<MDL	2.06	1.2	U
Europium-152									<MDL	6.77	4.13	U
Europium-154									<MDL	7.69	4.14	U
Europium-155									<MDL	8.38	4.85	U
Gross Alpha									<MDL	.866	.373	UJ
Gross Beta									<MDL	1.92	.835	UJ
Manganese-54									<MDL	2.03	1.59	U
Sodium-22									<MDL	2.77	1.49	U
Strontium-90									<MDL	.256	.119	U
Tritium	<MDL	408	244	U	<MDL	396	236	U	<MDL	765	455	U
Vanadium-48									<MDL	6.29	4.25	U
Zinc-65									<MDL	4.9	2.92	U

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	Well ID: 122-02 Date: 10/22/01 Depth: 95				Well ID: 122-04 Date: 02/26/01 Depth: 203				Well ID: 122-04 Date: 05/17/01 Depth: 203			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	17.9	11.5	U	<MDL	12.6	8.4	U	<MDL	12.3	6.97	U
Beryllium-7	<MDL	29	16.7	U	<MDL	19.6	10.9	U	<MDL	20.8	12.1	U
Cesium-134	<MDL	2.47	1.49	U	<MDL	2.22	1.5	U	<MDL	2.1	1.2	U
Cesium-137	<MDL	2.61	1.44	U	<MDL	2.29	1.39	U	<MDL	2.16	1.72	U
Co-60	<MDL	2.92	1.49	U	<MDL	2.6	1.41	U	3.08	2.94	3.22	J-IN2
Cobalt-57	<MDL	2.33	1.3	U	<MDL	2.11	1.19	U	<MDL	1.97	1.16	U
Europium-152	<MDL	7.36	4.26	U	<MDL	6.61	3.99	U	<MDL	6.22	3.62	U
Europium-154	<MDL	8.34	4.34	U	<MDL	7.61	4.71	U	<MDL	5.97	3.89	U
Europium-155	<MDL	9.85	5.58	U	<MDL	8.4	5	U	<MDL	8.13	4.7	U
Gross Alpha	<MDL	1.12	.578	U	<MDL	.869	.337	UJ	<MDL	1.5	.468	UJ
Gross Beta	2.2	2.17	1.14	J-N2	<MDL	1.74	.862	U	<MDL	1.9	.816	UJ
Manganese-54	<MDL	3.24	1.65	U	<MDL	2.21	1.27	U	<MDL	2.31	1.3	U
Sodium-22	<MDL	3	1.56	U	<MDL	2.72	1.68	U	<MDL	2.15	1.4	U
Strontium-90	<MDL	.451	.233	U	<MDL	.678	.299	U	<MDL	.301	.147	U
Tritium	<MDL	446	266	U	<MDL	434	240	U	<MDL	860	507	U
Vanadium-48					<MDL	3.01	1.68	U	<MDL	6.07	3.47	U
Zinc-65	<MDL	6.25	3.76	U	<MDL	4.89	2.9	U	<MDL	5.23	2.84	U

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	Well ID: 122-04 Date: 08/15/01 Depth: 203				Well ID: 122-04 Date: 10/22/01 Depth: 203				Well ID: 122-05 Date: 02/26/01 Depth: 272			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	15.5	9.59	U	<MDL	17.8	10.2	U	<MDL	18.5	11.5	U
Beryllium-7	<MDL	28.1	16.2	U	<MDL	30.4	16.7	U	<MDL	19.6	11.3	U
Cesium-134	<MDL	2.57	1.44	U	<MDL	2.93	1.73	U	<MDL	2.22	1.56	U
Cesium-137	<MDL	2.82	1.58	U	<MDL	3	1.76	U	<MDL	2.83	1.51	U
Co-60	<MDL	3.12	1.63	U	<MDL	3.56	1.84	U	<MDL	2.57	1.43	U
Cobalt-57	<MDL	2.32	1.8	U	<MDL	2.74	1.56	U	<MDL	1.91	1.19	U
Europium-152	<MDL	8.2	4.61	U	<MDL	8.53	4.66	U	<MDL	7.2	3.98	U
Europium-154	<MDL	10.1	5	U	<MDL	8.25	5.01	U	<MDL	7.63	4.13	U
Europium-155	<MDL	10.9	5.89	U	<MDL	11	6.34	U	<MDL	8.44	4.85	U
Gross Alpha	<MDL	1.97	.649	UJ	<MDL	1.2	.571	U	<MDL	.781	.426	UJ
Gross Beta	<MDL	3.1	1.41	UJ	<MDL	1.93	1.02	U	<MDL	1.76	.893	U
Manganese-54	<MDL	3.23	1.73	U	<MDL	2.49	1.76	U	<MDL	2.06	1.38	U
Sodium-22	<MDL	3.63	1.79	U	<MDL	2.96	1.8	U	<MDL	2.72	1.47	U
Strontium-90	<MDL	.454	.196	U	<MDL	.399	.206	U	<MDL	.416	.193	U
Tritium	<MDL	479	268	U	<MDL	423	250	U	<MDL	449	251	U
Vanadium-48									<MDL	3.05	1.8	U
Zinc-65	<MDL	6.72	3.6	U	<MDL	5.87	4.35	U	<MDL	4.93	2.88	U

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	Well ID: 122-05 Date: 05/17/01 Depth: 272				Well ID: 122-05 Date: 08/20/01 Depth: 272				Well ID: 122-05 Date: 10/22/01 Depth: 272			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	5.55	3.56	U	<MDL	14.9	5.94	U	<MDL	15.2	9.15	U
Beryllium-7	<MDL	32.6	18	U	<MDL	26.4	15.6	U	<MDL	29.6	16.4	U
Cesium-134	<MDL	2.82	1.9	U	<MDL	2.83	1.58	U	<MDL	2.44	1.45	U
Cesium-137	<MDL	3.49	1.92	U	<MDL	3	1.59	U	<MDL	2.45	1.35	U
Co-60	<MDL	3.16	1.72	U	<MDL	3.05	1.47	U	<MDL	3.43	1.91	U
Cobalt-57	<MDL	2.13	1.26	U	<MDL	2.45	1.37	U	<MDL	2.33	1.36	U
Europium-152	<MDL	7.98	4.9	U	<MDL	8.37	4.58	U	<MDL	7.15	5.2	U
Europium-154	<MDL	8.52	5.17	U	<MDL	8.24	4.38	U	<MDL	7.51	4.1	U
Europium-155	<MDL	8.6	4.98	U	<MDL	9.64	5.7	U	<MDL	9.55	5.41	U
Gross Alpha	<MDL	1.26	.482	UJ	<MDL	1.12	.537	UJ	<MDL	.916	.563	U
Gross Beta	<MDL	2.18	.96	UJ	<MDL	2.26	1.05	UJ	<MDL	1.22	.739	U
Manganese-54	<MDL	3.04	1.88	U	<MDL	2.91	1.58	U	<MDL	2.44	1.5	U
Sodium-22	<MDL	3.07	1.86	U	<MDL	2.95	1.57	U	<MDL	2.7	1.47	U
Strontium-90	<MDL	.317	.154	U	<MDL	.523	.237	U	<MDL	.348	.168	U
Tritium	<MDL	761	452	U	<MDL	456	260	U	<MDL	441	255	U
Vanadium-48	<MDL	9.26	5.17	U								
Zinc-65	<MDL	7.44	4.03	U	<MDL	5.59	3.19	U	<MDL	5.61	3.8	U

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	Well ID: 122-09 Date: 05/18/01 Depth: 115				Well ID: 122-09 Date: 10/19/01 Depth: 115				Well ID: 122-10 Date: 02/23/01 Depth: 155			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	14.7	8.05	U								
Beryllium-7	<MDL	23.8	13.9	U								
Cesium-134	<MDL	2.29	1.46	U								
Cesium-137	<MDL	2.49	1.44	U								
Co-60	<MDL	3.17	1.61	U								
Cobalt-57	<MDL	2.35	1.69	U								
Europium-152	<MDL	7.83	4.73	U								
Europium-154	<MDL	8.18	4.25	U								
Europium-155	<MDL	9.37	5.31	U								
Gross Alpha	<MDL	.805	.456	U								
Gross Beta	<MDL	2.16	.887	U								
Manganese-54	<MDL	2.61	1.52	U								
Sodium-22	<MDL	2.93	1.52	U								
Strontium-90	<MDL	.476	.217	U								
Tritium	<MDL	430	248	U	<MDL	435	251	U	<MDL	512	294	U
Vanadium-48	<MDL	5.15	3.34	U								
Zinc-65	<MDL	6.37	3.4	U								

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	Well ID: 122-10 Date: 05/18/01 Depth: 155				Well ID: 122-10 Date: 08/15/01 Depth: 155				Well ID: 122-15 Date: 05/17/01 Depth: 60			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	14	7.95	U					<MDL	15	9.69	U
Beryllium-7	<MDL	25.9	14.6	U					<MDL	24.4	14.9	U
Cesium-134	<MDL	2.54	1.54	U					<MDL	2.42	1.65	U
Cesium-137	<MDL	2.36	1.35	U					<MDL	2.69	1.52	U
Co-60	<MDL	2.74	1.48	U					<MDL	2.9	1.66	U
Cobalt-57	<MDL	2.38	1.39	U					<MDL	2.47	1.45	U
Europium-152	<MDL	7.47	4.19	U					<MDL	7.8	4.45	U
Europium-154	<MDL	7.85	4.33	U					<MDL	8.19	4.34	U
Europium-155	<MDL	9.27	5.21	U					<MDL	10	5.92	U
Gross Alpha	<MDL	1.03	.374	U					<MDL	.87	.382	UJ
Gross Beta	<MDL	2.04	.829	U					<MDL	1.7	.794	UJ
Manganese-54	<MDL	2.78	1.53	U					<MDL	2.58	1.5	U
Sodium-22	<MDL	2.81	1.55	U					<MDL	2.94	1.56	U
Strontium-90	<MDL	.327	.156	U					<MDL	.306	.147	U
Tritium	<MDL	407	235	U	<MDL	479	277	U	<MDL	761	435	U
Vanadium-48	<MDL	5.22	2.98	U					<MDL	6.5	3.23	U
Zinc-65	<MDL	4.7	3.08	U					<MDL	5.91	3.43	U

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	Well ID: 122-16 Date: 02/21/01 Depth: 150				Well ID: 122-16 Date: 05/17/01 Depth: 150				Well ID: 122-16 Date: 08/16/01 Depth: 150			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241					<MDL	14.4	8.89	U				
Beryllium-7					<MDL	25.2	13.8	U				
Cesium-134					<MDL	2.49	1.6	U				
Cesium-137					<MDL	2.62	1.47	U				
Co-60					<MDL	2.67	1.52	U				
Cobalt-57					<MDL	2.44	1.42	U				
Europium-152					<MDL	7.42	4.48	U				
Europium-154					<MDL	7.87	4.33	U				
Europium-155					<MDL	9.83	5.77	U				
Gross Alpha					<MDL	1.3	.367	UJ				
Gross Beta					<MDL	1.83	.805	UJ				
Manganese-54					<MDL	2.99	1.55	U				
Sodium-22					<MDL	2.82	1.55	U				
Strontium-90					<MDL	.267	.13	U				
Tritium	<MDL	462	254	U	<MDL	761	449	U	<MDL	527	301	U
Vanadium-48					<MDL	6.46	3.42	U				
Zinc-65					<MDL	4.82	3.3	U				

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	Well ID: 122-16 Date: 10/19/01 Depth: 150				Well ID: 122-17 Date: 02/21/01 Depth: 210				Well ID: 122-17 Date: 05/23/01 Depth: 210			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241									<MDL	12.6	7.61	U
Beryllium-7									<MDL	17.8	10.2	U
Cesium-134									<MDL	1.87	1.31	U
Cesium-137									<MDL	2.1	1.28	U
Co-60									<MDL	2.19	1.23	U
Cobalt-57									<MDL	1.86	1.09	U
Europium-152									<MDL	5.95	3.34	U
Europium-154									<MDL	6.03	3.62	U
Europium-155									<MDL	7.99	4.64	U
Gross Alpha									<MDL	2.11	.894	UJDL
Gross Beta									<MDL	2.56	1.21	UJ
Manganese-54									<MDL	1.78	1.02	U
Sodium-22									<MDL	2.15	1.29	U
Strontium-90									<MDL	.497	.232	U
Tritium	<MDL	436	264	U	<MDL	467	265	U	<MDL	879	511	U
Vanadium-48									<MDL	2.78	1.5	U
Zinc-65									<MDL	4.3	2.86	U

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	Well ID: 122-17 Date: 08/16/01 Depth: 210				Well ID: 122-17 Date: 10/25/01 Depth: 210				Well ID: 122-18 Date: 02/21/01 Depth: 140			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	513	290	U	<MDL	439	251	U	<MDL	457	249	U
Vanadium-48												
Zinc-65												

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	Well ID: 122-18 Date: 05/18/01 Depth: 140				Well ID: 122-18 Date: 08/15/01 Depth: 140				Well ID: 122-19 Date: 02/21/01 Depth: 200			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	17.3	11.6	U								
Beryllium-7	<MDL	19.1	11.7	U								
Cesium-134	<MDL	1.79	1.05	U								
Cesium-137	<MDL	1.98	1.16	U								
Co-60	<MDL	1.97	1.35	U								
Cobalt-57	<MDL	1.77	1.02	U								
Europium-152	<MDL	5.32	3.16	U								
Europium-154	11.1	5.83	12.5	J-IN2								
Europium-155	<MDL	7.37	4.15	U								
Gross Alpha	<MDL	1.41	.51	U								
Gross Beta	<MDL	2.84	1.17	U								
Manganese-54	<MDL	1.86	1	U								
Sodium-22	3.99	2.15	4.48	J-IN2								
Strontium-90	<MDL	.398	.197	U								
Tritium	<MDL	884	492	U	<MDL	477	270	U	<MDL	451	251	U
Vanadium-48	<MDL	3.87	2.05	U								
Zinc-65	<MDL	4.08	2.47	U								

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	Well ID: 122-19 Date: 05/18/01 Depth: 200				Well ID: 122-19 Date: 08/15/01 Depth: 200				Well ID: 122-19 Date: 10/19/01 Depth: 200			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	14.6	9.17	U								
Beryllium-7	<MDL	20.7	11.5	U								
Cesium-134	<MDL	2.19	1.22	U								
Cesium-137	<MDL	2.19	1.29	U								
Co-60	<MDL	2.16	1.34	U								
Cobalt-57	<MDL	1.82	1.06	U								
Europium-152	<MDL	6.36	3.84	U								
Europium-154	<MDL	6.85	3.47	U								
Europium-155	<MDL	8.12	4.66	U								
Gross Alpha	<MDL	.904	.414	U								
Gross Beta	<MDL	2.13	1.03	U								
Manganese-54	<MDL	2.15	1.29	U								
Sodium-22	<MDL	2.46	1.24	U								
Strontium-90	<MDL	.34	.167	U								
Tritium	<MDL	857	488	U	<MDL	476	262	U	<MDL	437	261	U
Vanadium-48	<MDL	4.89	2.76	U								
Zinc-65	<MDL	4.05	2.39	U								

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Project: OU III (South Boundary)

	Well ID: 122-20 Date: 02/21/01 Depth: 260				Well ID: 122-20 Date: 05/18/01 Depth: 260				Well ID: 122-20 Date: 08/15/01 Depth: 260			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241					<MDL	17	11.4	U				
Beryllium-7					<MDL	19.6	10.8	U				
Cesium-134					<MDL	1.73	1.02	U				
Cesium-137					<MDL	1.84	2.65	U				
Co-60					<MDL	2.14	1.18	U				
Cobalt-57					<MDL	1.77	.982	U				
Europium-152					<MDL	5.44	3.3	U				
Europium-154					<MDL	6.36	3.45	U				
Europium-155					<MDL	7.31	4.07	U				
Gross Alpha					<MDL	2.03	.797	U-DL				
Gross Beta					4.01	2.65	1.37	N2				
Manganese-54					<MDL	1.85	1.04	U				
Sodium-22					<MDL	2.28	1.23	U				
Strontium-90					<MDL	.434	.203	U				
					--	--	--	R				
Tritium	<MDL	447	248	U	<MDL	844	469	U	<MDL	474	270	U
Vanadium-48					<MDL	3.8	2.26	U				
Zinc-65					<MDL	4.08	2.78	U				

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	Well ID: 122-20 Date: 10/19/01 Depth: 260				Well ID: 122-21 Date: 02/23/01 Depth: 185				Well ID: 122-21 Date: 05/18/01 Depth: 185			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241									<MDL	13.4	8.89	U
Beryllium-7									<MDL	34	19.6	U
Cesium-134									<MDL	3.34	2.02	U
Cesium-137									<MDL	3.93	2.14	U
Co-60									<MDL	3.97	2.22	U
Cobalt-57									<MDL	2.86	1.73	U
Europium-152									<MDL	9.78	5.79	U
Europium-154									<MDL	9.82	5.65	U
Europium-155									<MDL	11.9	7.1	U
Gross Alpha									<MDL	1.69	.637	U
Gross Beta									<MDL	2.23	.962	U
Manganese-54									<MDL	3.3	1.86	U
Sodium-22									<MDL	3.53	2.03	U
Strontium-90									<MDL	.285	.121	U
Tritium	<MDL	449	253	U	<MDL	538	303	U	<MDL	387	226	U
Vanadium-48									<MDL	6.45	4.34	U
Zinc-65									<MDL	7.52	4.5	U

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	Well ID: 122-21 Date: 08/15/01 Depth: 185				Well ID: 122-21 Date: 10/19/01 Depth: 185				Well ID: 122-22 Date: 02/23/01 Depth: 205			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	473	283	U	<MDL	436	263	U	<MDL	537	306	U
Vanadium-48												
Zinc-65												

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	Well ID: 122-22 Date: 05/18/01 Depth: 205				Well ID: 122-22 Date: 08/15/01 Depth: 205				Well ID: 122-22 Date: 10/22/01 Depth: 205			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	13.9	9.11	U								
Beryllium-7	<MDL	25.4	13.7	U								
Cesium-134	<MDL	2.45	1.43	U								
Cesium-137	<MDL	2.92	1.51	U								
Co-60	<MDL	3.12	1.46	U								
Cobalt-57	<MDL	2.37	1.36	U								
Europium-152	<MDL	7.57	4.86	U								
Europium-154	<MDL	8.49	4.65	U								
Europium-155	<MDL	9.2	5.35	U								
Gross Alpha	<MDL	1.49	.446	U								
Gross Beta	<MDL	2.22	.94	U								
Manganese-54	<MDL	2.52	1.52	U								
Sodium-22	<MDL	3.04	1.67	U								
Strontium-90	<MDL	.558	.266	UJ								
	--	--	--	R								
Tritium	<MDL	843	478	U	<MDL	469	266	U	<MDL	441	249	U
Vanadium-48	<MDL	5.7	2.93	U								
Zinc-65	<MDL	6.65	3.31	U								

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	Well ID: 122-31 Date: 02/26/01 Depth: 155				Well ID: 122-31 Date: 05/18/01 Depth: 155				Well ID: 122-31 Date: 08/16/01 Depth: 155			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241					<MDL	4.77	3.21	U				
Beryllium-7					<MDL	26	14.8	U				
Cesium-134					<MDL	2.52	2.57	U				
Cesium-137					<MDL	2.79	1.61	U				
Co-60					<MDL	3.07	1.69	U				
Cobalt-57					<MDL	1.87	1.1	U				
Europium-152					<MDL	7.15	4.44	U				
Europium-154					<MDL	8.05	4.63	U				
Europium-155					<MDL	7.39	4.39	U				
Gross Alpha					<MDL	1.27	.476	U				
Gross Beta					<MDL	2.13	.946	U				
Manganese-54					<MDL	2.69	1.51	U				
Sodium-22					<MDL	2.88	1.66	U				
Strontium-90					<MDL	.463	.218	U				
					--	--	--	R				
Tritium	<MDL	444	246	U	<MDL	854	477	U	<MDL	402	238	U
Vanadium-48					<MDL	5.54	3.33	U				
Zinc-65					<MDL	5.74	3.62	U				

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	Well ID: 122-31 Date: 10/25/01 Depth: 155				Well ID: 122-32 Date: 02/26/01 Depth: 205				Well ID: 122-32 Date: 05/18/01 Depth: 205			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241									<MDL	11.9	8.47	U
Beryllium-7									<MDL	28.7	16.5	U
Cesium-134									<MDL	2.73	1.85	U
Cesium-137									<MDL	3.11	1.84	U
Co-60									<MDL	2.52	1.51	U
Cobalt-57									<MDL	2.54	1.56	U
Europium-152									<MDL	8.31	4.93	U
Europium-154									<MDL	9.14	5.11	U
Europium-155									<MDL	10.8	6.41	U
Gross Alpha									<MDL	1.08	.501	U
Gross Beta									<MDL	2.54	1.01	U
Manganese-54									<MDL	2.9	1.83	U
Sodium-22									<MDL	3.28	1.83	U
Strontium-90									<MDL	.337	.177	U
Tritium	<MDL	446	255	U	<MDL	437	248	U	<MDL	912	511	U
Vanadium-48									<MDL	5.86	3.38	U
Zinc-65									<MDL	5.97	3.48	U

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	Well ID: 122-32 Date: 08/16/01 Depth: 205				Well ID: 122-32 Date: 10/25/01 Depth: 205				Well ID: 122-33 Date: 02/26/01 Depth: 190			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	425	249	U	<MDL	436	251	U	<MDL	452	243	U
Vanadium-48												
Zinc-65												

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	Well ID: 122-33 Date: 05/18/01 Depth: 190				Well ID: 122-33 Date: 08/16/01 Depth: 190				Well ID: 122-33 Date: 10/25/01 Depth: 190			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	5.62	4.89	U								
Beryllium-7	<MDL	28.2	15.7	U								
Cesium-134	<MDL	2.86	1.92	U								
Cesium-137	<MDL	3.55	1.99	U								
Co-60	<MDL	3.5	2.08	U								
Cobalt-57	<MDL	2.11	1.24	U								
Europium-152	<MDL	7.73	4.7	U								
Europium-154	<MDL	9.65	5.55	U								
Europium-155	<MDL	8.3	5.02	U								
Gross Alpha	<MDL	2.09	.869	U-DL								
Gross Beta	<MDL	2.41	1.13	U								
Manganese-54	<MDL	3.24	1.81	U								
Sodium-22	<MDL	3.46	1.99	U								
Strontium-90	<MDL	.626	.295	U								
Tritium	<MDL	373	209	U	<MDL	406	226	U	<MDL	431	241	U
Vanadium-48	<MDL	7.24	4.08	U								
Zinc-65	<MDL	7.05	3.83	U								

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	Well ID: 122-34 Date: 02/28/01 Depth: 200				Well ID: 122-34 Date: 05/23/01 Depth: 200				Well ID: 122-34 Date: 08/20/01 Depth: 200			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241					<MDL	13.9	9.64	U				
Beryllium-7					<MDL	28.9	19.7	U				
Cesium-134					<MDL	3.19	2.33	U				
Cesium-137					<MDL	3.94	2.19	U				
Co-60					<MDL	3.8	2.08	U				
Cobalt-57					<MDL	2.85	1.78	U				
Europium-152					<MDL	9.44	6.31	U				
Europium-154					<MDL	10.8	6.2	U				
Europium-155					<MDL	12.9	7.61	U				
Gross Alpha					<MDL	1.47	.706	UJ				
Gross Beta					<MDL	2.26	1.02	UJ				
Manganese-54					<MDL	3.33	2.02	U				
Sodium-22					<MDL	3.83	2.21	U				
Strontium-90					<MDL	.488	.238	U				
Tritium	<MDL	536	298	U	<MDL	896	519	U	<MDL	448	252	U
Vanadium-48					<MDL	4.93	2.81	U				
Zinc-65					<MDL	7.93	5.02	U				

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	Well ID: 122-34 Date: 10/26/01 Depth: 200				Well ID: 122-35 Date: 02/28/01 Depth: 200				Well ID: 122-35 Date: 05/23/01 Depth: 205			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241									<MDL	12.7	7.18	U
Beryllium-7									<MDL	18.7	10.7	U
Cesium-134									<MDL	2.1	1.81	U
Cesium-137									<MDL	2.19	1.29	U
Co-60									<MDL	2.48	1.41	U
Cobalt-57									<MDL	1.97	1.16	U
Europium-152									<MDL	6.55	3.58	U
Europium-154									<MDL	6.83	3.6	U
Europium-155									<MDL	8.18	4.75	U
Gross Alpha									<MDL	1.39	.514	UJ
Gross Beta									<MDL	2.64	1.04	UJ
Manganese-54									<MDL	2.15	1.3	U
Sodium-22									<MDL	2.43	1.28	U
Strontium-90									<MDL	.585	.278	U
Tritium	<MDL	428	237	U	<MDL	510	293	U	<MDL	873	494	U
Vanadium-48									<MDL	3.17	1.75	U
Zinc-65									<MDL	4.85	2.76	U

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	Well ID: 122-35 Date: 08/20/01 Depth: 205				Well ID: 122-35 Date: 10/26/01 Depth: 205				Well ID: 124-02 Date: 02/26/01 Depth: 195			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241									<MDL	12.7	7.23	U
Beryllium-7									<MDL	19.9	11	U
Cesium-134									<MDL	2.09	1.4	U
Cesium-137									<MDL	2.27	1.3	U
Co-60									<MDL	2.67	1.4	U
Cobalt-57									<MDL	1.89	1.09	U
Europium-152									<MDL	6.5	3.82	U
Europium-154									<MDL	7.01	3.7	U
Europium-155									<MDL	8.54	4.72	U
Gross Alpha									<MDL	1.05	.434	U
Gross Beta									<MDL	1.77	.895	U
Manganese-54									<MDL	2.21	1.26	U
Sodium-22									<MDL	2.51	1.32	U
Strontium-90									<MDL	.769	.324	U
Tritium	<MDL	454	254	U	<MDL	435	256	U	<MDL	445	246	U
Vanadium-48									<MDL	3.36	1.97	U
Zinc-65									<MDL	5.07	2.83	U

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	Well ID: 124-02 Date: 05/18/01 Depth: 195				Well ID: 124-02 Date: 08/16/01 Depth: 195				Well ID: 124-02 Date: 10/26/01 Depth: 195			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	13.9	7.75	U	<MDL	2.41	3.07	U	<MDL	5.29	3.22	U
Beryllium-7	<MDL	26.4	14.6	U	<MDL	15.2	18.1	U	<MDL	30.3	16.7	U
Cesium-134	<MDL	2.48	1.46	U	<MDL	1.32	1.56	U	<MDL	3.09	1.77	U
Cesium-137	<MDL	2.76	1.52	U	<MDL	1.37	1.67	U	<MDL	3.42	1.89	U
Co-60	<MDL	2.52	1.43	U	<MDL	1.5	1.7	U	<MDL	3.56	1.91	U
Cobalt-57	<MDL	2.45	1.38	U	<MDL	1.02	1.29	U	<MDL	2.2	1.38	U
Europium-152	<MDL	7.06	4.16	U	<MDL	3.61	4.45	U	<MDL	7.77	5.13	U
Europium-154	<MDL	7.57	3.97	U	<MDL	3.26	4.32	U	<MDL	9.07	5.25	U
Europium-155	<MDL	9.8	5.56	U	<MDL	3.8	4.86	U	<MDL	8.76	5.1	U
Gross Alpha	<MDL	1.37	.448	U	<MDL	.7	.397	UJ	<MDL	.64	.384	U
Gross Beta	<MDL	2.57	1.14	U	<MDL	.905	.549	U	1.29	1.18	.722	J-N2
Manganese-54	<MDL	2.57	1.49	U	<MDL	1.24	1.66	U	<MDL	3.09	1.75	U
Sodium-22	<MDL	2.71	1.43	U	<MDL	1.18	1.56	U	<MDL	3.26	1.89	U
Strontium-90	<MDL	.417	.194	U	<MDL	.722	.345	U	<MDL	.373	.189	U
Tritium	<MDL	399	222	U	<MDL	413	237	U	<MDL	431	232	U
Vanadium-48	<MDL	5.15	2.84	U								
Zinc-65	<MDL	5.17	3.23	U	<MDL	2.94	3.56	U	<MDL	6.81	3.71	U

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	Well ID: 126-01 Date: 02/21/01 Depth: 65				Well ID: 126-01 Date: 05/17/01 Depth: 65				Well ID: 126-01 Date: 08/16/01 Depth: 65			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241					<MDL	14.6	11.5	U				
Beryllium-7					<MDL	27.2	15.2	U				
Cesium-134					<MDL	2.34	1.41	U				
Cesium-137					<MDL	2.61	1.41	U				
Co-60					<MDL	2.68	1.4	U				
Cobalt-57					<MDL	2.28	1.32	U				
Europium-152					<MDL	7.85	5.08	U				
Europium-154					<MDL	7.62	3.84	U				
Europium-155					<MDL	8.94	5.05	U				
Gross Alpha					<MDL	1.01	.371	UJ				
Gross Beta					<MDL	2	.894	UJ				
Manganese-54					<MDL	2.45	1.41	U				
Sodium-22					<MDL	2.73	1.38	U				
Strontium-90					<MDL	.279	.131	U				
Tritium	<MDL	463	259	U	<MDL	867	479	U	<MDL	392	215	U
Vanadium-48					<MDL	5.69	3.77	U				
Zinc-65					<MDL	4.97	2.91	U				

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	Well ID: 126-01 Date: 10/25/01 Depth: 70				Well ID: 130-02 Date: 02/21/01 Depth: 115				Well ID: 130-02 Date: 05/18/01 Depth: 115			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241									<MDL	9.34	5.41	U
Beryllium-7									<MDL	14	8.2	U
Cesium-134									<MDL	1.48	.975	U
Cesium-137									<MDL	1.58	.932	U
Co-60									<MDL	1.59	1.04	U
Cobalt-57									<MDL	1.39	.816	U
Europium-152									<MDL	4.29	2.51	U
Europium-154									<MDL	4.57	2.58	U
Europium-155									<MDL	5.93	3.51	U
Gross Alpha									<MDL	1.45	.678	U
Gross Beta									<MDL	2.69	1.14	U
Manganese-54									<MDL	1.41	.831	U
Sodium-22									<MDL	1.63	.923	U
Strontium-90									<MDL	.582	.303	U
Tritium	<MDL	427	243	U	<MDL	460	258	U	<MDL	410	231	U
Vanadium-48									<MDL	2.28	1.39	U
Zinc-65									<MDL	3.25	1.95	U

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	Well ID: 130-02 Date: 08/16/01 Depth: 115				Well ID: 130-02 Date: 10/24/01 Depth: 115				Well ID: 130-03 Date: 02/21/01 Depth: 163			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	393	227	U	<MDL	409	238	U	<MDL	463	263	U
Vanadium-48												
Zinc-65												

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	Well ID: 130-03 Date: 05/18/01 Depth: 163				Well ID: 130-03 Date: 08/16/01 Depth: 163				Well ID: 130-03 Date: 10/24/01 Depth: 164			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	12.6	7.09	U								
Beryllium-7	<MDL	20.7	11.3	U								
Cesium-134	<MDL	2.07	1.39	U								
Cesium-137	<MDL	2.11	1.29	U								
Co-60	<MDL	2.51	1.27	U								
Cobalt-57	<MDL	1.93	1.16	U								
Europium-152	<MDL	6.22	3.47	U								
Europium-154	<MDL	6.56	3.57	U								
Europium-155	<MDL	8.39	5.54	U								
Gross Alpha	<MDL	.86	.232	U								
Gross Beta	<MDL	2.09	.946	U								
Manganese-54	<MDL	2.02	1.22	U								
Sodium-22	<MDL	2.34	1.28	U								
Strontium-90	<MDL	.375	.177	U								
Tritium	<MDL	428	252	U	<MDL	416	234	U	<MDL	419	245	U
Vanadium-48	<MDL	3.76	2.03	U								
Zinc-65	<MDL	5.42	3.26	U								

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID: 130-04 Date: 02/21/01 Depth: 288				Well ID: 130-04 Date: 05/18/01 Depth: 288				Well ID: 130-04 Date: 08/16/01 Depth: 288			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241					<MDL	8.56	5.29	U				
Beryllium-7					<MDL	14.2	8	U				
Cesium-134					<MDL	1.52	.965	U				
Cesium-137					<MDL	1.64	.922	U				
Co-60					<MDL	1.55	.925	U				
Cobalt-57					<MDL	1.36	.803	U				
Europium-152					<MDL	4.38	2.66	U				
Europium-154					<MDL	4.62	2.62	U				
Europium-155					<MDL	5.62	3.28	U				
Gross Alpha					<MDL	1.17	.492	U				
Gross Beta					<MDL	2.52	1.06	U				
Manganese-54					<MDL	1.49	.878	U				
Sodium-22					<MDL	1.65	.936	U				
Strontium-90					<MDL	.625	.313	U				
Tritium	<MDL	467	249	U	<MDL	403	224	U	<MDL	412	223	U
Vanadium-48					<MDL	2.48	1.34	U				
Zinc-65					<MDL	3.34	2.02	U				

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (South Boundary)

	Well ID: 130-04 Date: 10/24/01 Depth: 288			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241				
Beryllium-7				
Cesium-134				
Cesium-137				
Co-60				
Cobalt-57				
Europium-152				
Europium-154				
Europium-155				
Gross Alpha				
Gross Beta				
Manganese-54				
Sodium-22				
Strontium-90				
Tritium	<MDL	412	235	U
Vanadium-48				
Zinc-65				

OU III (INDUSTRIAL PARK)

ANALYTICAL RESULTS

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-112 Date:02/14/01 Depth: 180			Well ID:000-112 Date:05/10/01 Depth: 180			Well ID:000-112 Date:08/08/01 Depth: 180		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.8	.5		ND	.5	U	.67	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	35.3	.5		6.6	.5		10.2	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.6	.5		.95	.5		.84	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.51	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	36.2	.5		16.1	.5		22.7	.5	
Toluene	ND	.5	U	.56	.5		ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	73.9	0		24.7	0		34.41	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-112 Date:10/17/01 Depth: 180			Well ID:000-114 Date:02/14/01 Depth: 135			Well ID:000-114 Date:05/10/01 Depth: 135		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.65	.5		.57	.5		.84	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	7.1	.5		ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.1	.5		.98	.5		.89	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	.77	.5		ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.51	U	.52	.5	B
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	14.1	.5		ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	.48	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	23.72	0		1.55	0		2.73	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-114 Date:08/08/01 Depth: 135			Well ID:000-114 Date:10/17/01 Depth: 135			Well ID:000-130 Date:02/15/01 Depth: 270		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	25	U
1,1,1-Trichloroethane	1.2	.5		.81	.5		ND	25	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	25	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	25	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	25	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	25	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	25	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	25	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	25	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	25	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	25	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	25	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	25	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	25	U
Benzene	ND	.5	U	ND	.5	U	ND	25	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	25	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	25	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	25	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	25	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	25	U
Bromoform	ND	.5	U	ND	.5	U	ND	25	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	2140	25	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	25	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	25	U
Chloroethane	ND	.5	U	ND	.5	U	ND	25	U
Chloroform	.95	.5		1	.5		21.3	25	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	25	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	25	U
Cymene	ND	.5	U	ND	.5	U	ND	25	U
DBCP	ND	.5	U	ND	.5	U	ND	25	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	25	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	25	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	25	U
EDB	ND	.5	U	ND	.5	U	ND	25	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	25	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	25	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	25	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	25	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	25	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	25	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	27.2	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	25	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	25	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	25	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	25	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	25	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	25	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	25	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	25	U
Styrene	ND	.5	U	ND	.5	U	ND	25	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	25	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	25	U
Toluene	ND	.5	U	ND	.5	U	ND	25	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	25	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	25	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	25	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	25	U
TVOC	2.15	0		1.81	0		2161.3	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-130 Date:05/11/01 Depth: 280			Well ID:000-130 Date:08/07/01 Depth: 280			Well ID:000-130 Date:10/16/01 Depth: 280		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.8	.5		.59	.5		.4	.5	J
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	.46	.5	J	.31	.5	J	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	1420	10	D	1550	12.5	D	1260	10	D
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	19.3	U	24	.5		20	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.62	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	7	.5		36	.5		42.2	.5	
Toluene	ND	.5	U	ND	.5	U	ND	.6	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	6.2	.5		4.9	.5		2.8	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1434.62	0		1615.8	0		1325.4	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-245 Date:02/15/01 Depth: 212			Well ID:000-245 Date:05/10/01 Depth: 212			Well ID:000-245 Date:08/03/01 Depth: 212		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	1.1	.5		.8	.5		.9	.5	
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.81	.5		.61	.5		.73	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.71	U	.64	.5	B	.6	.5	
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	.48	.5	J	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.1	0		2.53	0		2.23	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-245 Date:10/15/01 Depth: 212			Well ID:000-246 Date:02/09/01 Depth: 138			Well ID:000-246 Date:05/10/01 Depth: 133		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	.59	.5		.35	.5	J
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	.76	.5		ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	.25	.5	J	.44	.5	J
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	1.1	.5		.61	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.68	.5		ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	1.4	U	ND	.5	U	.7	.5	B
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	18.3	.5		8.4	.5	
Toluene	ND	.5	U	ND	.5	U	1.2	.5	
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.44	0		20.24	0		11.7	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-246 Date:07/31/01 Depth: 138			Well ID:000-246 Date:10/10/01 Depth: 138			Well ID:000-247 Date:02/09/01 Depth: 181		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	.54	.5	
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	.54	.5		.33	.5	J
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	.33	.5	J	1	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	1	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	2.1	.5		3.8	.5		15.8	.5	
Toluene	ND	.68	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	2.1	0		4.67	0		17.67	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-247 Date:05/10/01 Depth: 181			Well ID:000-247 Date:07/31/01 Depth: 181			Well ID:000-247 Date:10/10/01 Depth: 181		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	.34	.5	J	.28	.5	J	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	.47	.5	J	.84	.5		.74	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	.57	.5		.42	.5	J	.34	.5	J
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	.61	.5	B	ND	.5	U	ND	1	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	7.8	.5		5.1	.5		4.1	.5	
Toluene	.45	.5	J	ND	.5	U	ND	.51	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	10.24	0		6.64	0		5.18	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-248 Date:02/09/01 Depth: 234			Well ID:000-248 Date:05/10/01 Depth: 233			Well ID:000-248 Date:07/31/01 Depth: 233		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.71	.5		ND	.5	U	1.3	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	.33	.5	J
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	.37	.5	J	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.55	.5		.55	.5		.54	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	.75	.5	B	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	3.6	.5		1	.5		1.4	.5	
Toluene	ND	.5	U	.33	.5	J	ND	.54	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	5.23	0		2.63	0		3.57	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-248 Date:10/10/01 Depth: 233			Well ID:000-249 Date:02/09/01 Depth: 270			Well ID:000-249 Date:05/10/01 Depth: 264		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	10	U	ND	10	U
1,1,1-Trichloroethane	ND	.5	U	ND	10	U	ND	10	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	10	U	ND	10	U
1,1,2-Trichloroethane	ND	.5	U	ND	10	U	ND	10	U
1,1-Dichloroethane	ND	.5	U	ND	10	U	ND	10	U
1,1-Dichloroethylene	ND	.5	U	ND	10	U	ND	10	U
1,1-Dichloropropene	ND	.5	U	ND	10	U	ND	10	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	10	U	ND	10	U
1,2,3-Trichloropropane	ND	.5	U	ND	10	U	ND	10	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	10	U	ND	10	U
1,2-Dichloroethane	ND	.5	U	ND	10	U	ND	10	U
1,2-Dichloropropane	ND	.5	U	ND	10	U	ND	10	U
1,3-Dichloropropane	ND	.5	U	ND	10	U	ND	10	U
2,2-Dichloropropane	ND	.5	U	ND	10	U	ND	10	U
Benzene	ND	.5	U	ND	10	U	ND	10	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	10	U	ND	10	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	10	U	ND	10	U
Benzene, 1-methylethyl-	ND	.5	U	ND	10	U	ND	10	U
Bromobenzene	ND	.5	U	ND	10	U	ND	10	U
Bromodichloromethane	ND	.5	U	ND	10	U	ND	10	U
Bromoform	ND	.5	U	ND	10	U	ND	10	U
Carbon tetrachloride	ND	.5	U	1100	10		1080	10	
Chlorobenzene	ND	.5	U	ND	10	U	ND	10	U
Chlorobromomethane	ND	.5	U	ND	10	U	ND	10	U
Chloroethane	ND	.5	U	ND	10	U	ND	10	U
Chloroform	.5	.5		42.9	10		32.6	10	
cis-1,2-Dichloroethylene	ND	.5	U	ND	10	U	ND	10	U
cis-1,3-Dichloropropene	ND	.5	U	ND	10	U	ND	10	U
Cymene	ND	.5	U	ND	10	U	ND	10	U
DBCP	ND	.5	U	ND	10	U	ND	10	U
Dibromochloromethane	ND	.5	U	ND	10	U	ND	10	U
Dibromomethane	ND	.5	U	ND	10	U	ND	10	U
Dichlorodifluoromethane	ND	.5	U	ND	10	U	ND	10	U
EDB	ND	.5	U	ND	10	U	ND	10	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	10	U	ND	10	U
Ethylbenzene	ND	.5	U	ND	10	U	ND	10	U
Hexachlorobutadiene*	ND	.5	U	ND	10	U	ND	10	U
m-Dichlorobenzene	ND	.5	U	ND	10	U	ND	10	U
Methyl bromide	ND	.5	U	ND	10	U	ND	10	U
Methyl chloride	ND	.5	U	ND	10	U	ND	10	U
Methylene chloride	ND	.5	U	ND	10	U	9	10	JB
n-Butylbenzene	ND	.5	U	ND	10	U	ND	10	U
n-Propylbenzene	ND	.5	U	ND	10	U	ND	10	U
Naphthalene*	ND	.5	U	ND	10	U	ND	10	U
o-Chlorotoluene	ND	.5	U	ND	10	U	ND	10	U
o-Dichlorobenzene	ND	.5	U	ND	10	U	ND	10	U
p-Chlorotoluene	ND	.5	U	ND	10	U	ND	10	U
p-Dichlorobenzene	ND	.5	U	ND	10	U	ND	10	U
sec-Butylbenzene	ND	.5	U	ND	10	U	ND	10	U
Styrene	ND	.5	U	ND	10	U	ND	10	U
tert-Butylbenzene	ND	.5	U	ND	10	U	ND	10	U
Tetrachloroethylene	1.9	.5		ND	10	U	ND	10	U
Toluene	ND	.53	U	ND	10	U	ND	10	U
trans-1,3-Dichloropropene	ND	.5	U	ND	10	U	ND	10	U
Trichloroethylene	ND	.5	U	ND	10	U	ND	10	U
Trichlorofluoromethane	ND	.5	U	ND	10	U	ND	10	U
Vinyl chloride	ND	.5	U	ND	10	U	ND	10	U
TVOC	2.4	0		1142.9	0		1121.6	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-249 Date:08/06/01 Depth: 264			Well ID:000-249 Date:10/11/01 Depth: 264			Well ID:000-250 Date:02/09/01 Depth: 301		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.65	.5		.54	.5		ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	UJ	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	200	2.5	D	543	10	D	19.7	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	70.2	.5		50.3	.5		.75	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.73	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	1.1	.5		.65	.5		ND	.5	U
Toluene	ND	.63	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	2.1	.5		1.1	.5		ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	274.5	0		595.59	0		20.45	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-250 Date:05/10/01 Depth: 298			Well ID:000-250 Date:08/06/01 Depth: 298			Well ID:000-250 Date:10/11/01 Depth: 298		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	UJ	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	25.1	.5		.69	.5		13.3	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.54	.5		ND	.5	U	.32	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	.5	.5	B	ND	.5	U	ND	1.2	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	.42	.5	J	ND	1.2	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	.5	.5		ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	26.56	0		2.59	0		13.62	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-251 Date:02/09/01 Depth: 138			Well ID:000-251 Date:05/09/01 Depth: 138			Well ID:000-251 Date:08/03/01 Depth: 138		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.4	.5		1.7	.5		1.7	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.4	0		1.7	0		1.7	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-251 Date:10/11/01 Depth: 138			Well ID:000-252 Date:02/09/01 Depth: 177			Well ID:000-252 Date:05/09/01 Depth: 173		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	.41	.5	J	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	.93	.5		ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.4	.5		.38	.5	J	.77	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	1.2	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	12.8	.5		ND	.5	U
Toluene	ND	.5	U	ND	.5	U	.31	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.4	0		14.52	0		1.08	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-252 Date:08/03/01 Depth: 172			Well ID:000-252 Date:10/11/01 Depth: 172			Well ID:000-253 Date:02/09/01 Depth: 230		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	10	U
1,1,1-Trichloroethane	.72	.5		.42	.5	J	964	10	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	10	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	10	U
1,1-Dichloroethane	.31	.5	J	ND	.5	U	ND	10	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	384	10	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	10	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	10	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	10	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	10	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	10	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	10	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	10	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	10	U
Benzene	ND	.5	U	ND	.5	U	ND	10	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	10	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	10	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	10	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	10	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	10	U
Bromoform	ND	.5	U	ND	.5	U	ND	10	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	10	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	10	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	10	U
Chloroethane	ND	.5	U	ND	.5	U	ND	10	U
Chloroform	.91	.5		.72	.5		ND	10	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	7	10	J
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	10	U
Cymene	ND	.5	U	ND	.5	U	ND	10	U
DBCP	ND	.5	U	ND	.5	U	ND	10	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	10	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	10	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	10	U
EDB	ND	.5	U	ND	.5	U	ND	10	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	10	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	10	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	10	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	10	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	10	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	10	U
Methylene chloride	ND	.5	U	ND	.85	U	ND	10	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	10	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	10	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	10	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	10	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	10	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	10	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	10	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	10	U
Styrene	ND	.5	U	ND	.5	U	ND	10	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	10	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	10	U
Toluene	ND	.5	U	ND	.5	U	ND	10	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	10	U
Trichloroethylene	ND	.5	U	ND	.5	U	21.4	10	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	10	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	10	U
TVOC	1.94	0		1.14	0		1376.4	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-253 Date:05/09/01 Depth: 226			Well ID:000-253 Date:08/03/01 Depth: 226			Well ID:000-253 Date:10/11/01 Depth: 226		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	10	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	10	U	.5	.5		.48	.5	J
1,1,2,2-Tetrachloroethane	ND	10	U	1.4	.5		.9	.5	
1,1,2-Trichloroethane	ND	10	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	10	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	10	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	10	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	10	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	10	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	10	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	10	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	10	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	10	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	10	U	ND	.5	U	ND	.5	U
Benzene	ND	10	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	10	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	10	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	10	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	10	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	10	U	ND	.5	U	ND	.5	U
Bromoform	ND	10	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	14.8	10		21.8	.5		17.2	.5	
Chlorobenzene	ND	10	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	10	U	ND	.5	U	ND	.5	U
Chloroethane	ND	10	U	ND	.5	U	ND	.5	U
Chloroform	ND	10	U	2.4	.5		2	.5	
cis-1,2-Dichloroethylene	ND	10	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	10	U	ND	.5	U	ND	.5	U
Cymene	ND	10	U	ND	.5	U	ND	.5	U
DBCP	ND	10	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	10	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	10	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	10	U	ND	.5	U	ND	.5	U
EDB	ND	10	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	10	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	10	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	10	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	10	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	10	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	10	U	ND	.5	U	ND	.5	U
Methylene chloride	5	10	JB	ND	.5	U	ND	.52	U
n-Butylbenzene	ND	10	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	10	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	10	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	10	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	10	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	10	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	10	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	10	U	ND	.5	U	ND	.5	U
Styrene	ND	10	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	10	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	801	10		150	1	D	131	1	D
Toluene	ND	10	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	10	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	10	U	1.8	.5		1.3	.5	
Trichlorofluoromethane	ND	10	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	10	U	ND	.5	U	ND	.5	U
TVOC	820.8	0		177.9	0		152.88	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-254 Date:02/09/01 Depth: 133			Well ID:000-254 Date:05/09/01 Depth: 133			Well ID:000-254 Date:07/31/01 Depth: 133		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	2	.5		1.8	.5		1.7	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	2	0		1.8	0		1.7	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-254 Date:10/12/01 Depth: 133			Well ID:000-255 Date:02/09/01 Depth: 168			Well ID:000-255 Date:05/09/01 Depth: 168		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.4	.5		1.2	.5		1.2	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.4	0		1.2	0		1.2	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-255 Date:07/31/01 Depth: 168			Well ID:000-255 Date:10/12/01 Depth: 168			Well ID:000-256 Date:02/09/01 Depth: 223		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	1.8	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	3.9	.5	
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	.82	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	18	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	.58	.5	
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.2	.5		.9	.5		2.4	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	.48	.5	J
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	.28	.5	J
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	3820	25	D
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	4.3	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.2	0		.9	0		3852.84	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-256 Date:05/09/01 Depth: 223			Well ID:000-256 Date:07/31/01 Depth: 223			Well ID:000-256 Date:10/12/01 Depth: 223		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	25	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	25	U	2	.5		1.9	.5	
1,1,2,2-Tetrachloroethane	ND	25	U	8.4	.5		7.7	.5	
1,1,2-Trichloroethane	ND	25	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	25	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	25	U	1.1	.5		1	.5	
1,1-Dichloropropene	ND	25	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	25	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	25	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	25	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	25	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	25	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	25	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	25	U	ND	.5	U	ND	.5	U
Benzene	ND	25	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	25	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	25	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	25	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	25	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	25	U	ND	.5	U	ND	.5	U
Bromoform	ND	25	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	12.7	25	J	19.9	.5		11	.5	
Chlorobenzene	ND	25	U	.35	.5	J	.32	.5	J
Chlorobromomethane	ND	25	U	ND	.5	U	ND	.5	U
Chloroethane	ND	25	U	ND	.5	U	ND	.5	U
Chloroform	ND	25	U	2.6	.5		1.7	.5	
cis-1,2-Dichloroethylene	ND	25	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	25	U	ND	.5	U	ND	.5	U
Cymene	ND	25	U	ND	.5	U	ND	.5	U
DBCP	ND	25	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	25	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	25	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	25	U	ND	.5	U	ND	.5	U
EDB	ND	25	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	25	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	25	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	25	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	25	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	25	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	25	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	25	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	25	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	25	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	25	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	25	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	25	U	.34	.5	J	.26	.5	J
p-Chlorotoluene	ND	25	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	25	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	25	U	ND	.5	U	ND	.5	U
Styrene	ND	25	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	25	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	2530	25		1280	10	D	1660	25	D
Toluene	ND	25	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	25	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	25	U	7.9	.5		6.8	.5	
Trichlorofluoromethane	ND	25	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	25	U	ND	.5	U	ND	.5	U
TVOC	2542.7	0		1322.59	0		1690.68	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-257 Date:02/09/01 Depth: 114			Well ID:000-257 Date:05/10/01 Depth: 114			Well ID:000-257 Date:08/06/01 Depth: 114		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	UJ
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.7	.5		1.6	.5		1.8	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	.4	.5	JB	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	.51	.5		ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.7	0		2.51	0		1.8	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-257 Date:10/12/01 Depth: 114			Well ID:000-258 Date:02/09/01 Depth: 148			Well ID:000-258 Date:05/10/01 Depth: 148		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.6	.5		1.9	.5		1.9	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	.61	.5	B
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	.75	.5	
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.6	0		1.9	0		3.26	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-258 Date:08/06/01 Depth: 148			Well ID:000-258 Date:10/11/01 Depth: 148			Well ID:000-259 Date:02/09/01 Depth: 203		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	2.5	5	J
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	5	U
1,1-Dichloroethylene	ND	.5	UJ	ND	.5	U	ND	5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	5	U
Benzene	ND	.5	U	ND	.5	U	ND	5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	5	U
Bromoform	ND	.5	U	ND	.5	U	ND	5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	535	5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	5	U
Chloroform	2.2	.5		1.8	.5		10.3	5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	5	U
Cymene	ND	.5	U	ND	.5	U	ND	5	U
DBCP	ND	.5	U	ND	.5	U	ND	5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	5	U
EDB	ND	.5	U	ND	.5	U	ND	5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	5	U
Methylene chloride	ND	.5	U	ND	.6	U	ND	5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	5	U
Styrene	ND	.5	U	ND	.5	U	ND	5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	142	5	
Toluene	ND	.9	U	ND	.5	U	ND	5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	5	U
Trichloroethylene	.48	.5	J	ND	.5	U	2.8	5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	5	U
TVOC	4.79	0		1.8	0		692.6	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-259 Date:05/10/01 Depth: 203			Well ID:000-259 Date:08/06/01 Depth: 203			Well ID:000-259 Date:10/11/01 Depth: 203		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	6.5	5		12.9	.5		12.4	.5	
1,1,2,2-Tetrachloroethane	ND	5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	5	U	7	.5	J	5.2	.5	
1,1-Dichloropropene	ND	5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	5	U	ND	.5	U	ND	.5	U
Benzene	ND	5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	5	U	ND	.5	U	ND	.5	U
Bromoform	ND	5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	653	5		776	10	D	693	10	D
Chlorobenzene	ND	5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	5	U	ND	.5	U	ND	.5	U
Chloroform	9.9	5		9.5	.5		10.8	.5	
cis-1,2-Dichloroethylene	ND	5	U	.73	.5		.35	.5	J
cis-1,3-Dichloropropene	ND	5	U	ND	.5	U	ND	.5	U
Cymene	ND	5	U	ND	.5	U	ND	.5	U
DBCP	ND	5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	5	U	ND	.5	U	ND	.5	U
EDB	ND	5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	5	U	ND	.5	U	ND	.5	U
Methylene chloride	4.9	5	JB	ND	.5	U	ND	.74	U
n-Butylbenzene	ND	5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	5	U	ND	.5	U	ND	.5	U
Styrene	ND	5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	194	5		133	10	D	212	10	D
Toluene	ND	5	U	ND	1.2	U	ND	.5	U
trans-1,3-Dichloropropene	ND	5	U	ND	.5	U	ND	.5	U
Trichloroethylene	5.2	5		12.9	.5		6	.5	
Trichlorofluoromethane	ND	5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	5	U	ND	.5	U	ND	.5	U
TVOC	873.5	0		952.03	0		939.75	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-260 Date:02/09/01 Depth: 100			Well ID:000-260 Date:05/10/01 Depth: 100			Well ID:000-260 Date:08/06/01 Depth: 98		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	4	.5	J
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.8	.5		1.7	.5		2.1	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	.71	.5	B	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	.34	.5	J	ND	1.6	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	1.1	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	2.8	.5	
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.8	0		2.75	0		10.38	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-260 Date:10/12/01 Depth: 100			Well ID:000-261 Date:02/09/01 Depth: 133			Well ID:000-261 Date:05/10/01 Depth: 133		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.8	.5		1.3	.5		.95	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	.56	.5	B
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	.3	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.8	0		1.3	0		1.81	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-261 Date:08/07/01 Depth: 133			Well ID:000-261 Date:10/12/01 Depth: 133			Well ID:000-262 Date:02/09/01 Depth: 183		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	10	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	991	10	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	10	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	10	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	10	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	393	10	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	10	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	10	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	10	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	10	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	10	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	10	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	10	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	10	U
Benzene	ND	.5	U	ND	.5	U	ND	10	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	10	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	10	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	10	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	10	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	10	U
Bromoform	ND	.5	U	ND	.5	U	ND	10	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	5.6	10	J
Chlorobenzene	ND	.5	U	ND	.5	U	ND	10	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	10	U
Chloroethane	ND	.5	U	ND	.5	U	ND	10	U
Chloroform	1	.5		1	.5		ND	10	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	7.3	10	J
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	10	U
Cymene	ND	.5	U	ND	.5	U	ND	10	U
DBCP	ND	.5	U	ND	.5	U	ND	10	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	10	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	10	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	10	U
EDB	ND	.5	U	ND	.5	U	ND	10	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	10	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	10	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	10	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	10	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	10	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	10	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	10	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	10	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	10	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	10	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	10	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	10	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	10	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	10	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	10	U
Styrene	ND	.5	U	ND	.5	U	ND	10	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	10	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	10	U
Toluene	ND	.5	U	ND	.5	U	ND	10	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	10	U
Trichloroethylene	ND	.5	U	ND	.5	U	22.4	10	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	10	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	10	U
TVOC	1	0		1	0		1419.3	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-262 Date:05/10/01 Depth: 183			Well ID:000-262 Date:08/06/01 Depth: 183			Well ID:000-262 Date:10/12/01 Depth: 183		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	10	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	1090	10		1310	10	D	1440	25	D
1,1,2,2-Tetrachloroethane	ND	10	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	10	U	1.6	.5		1.5	.5	
1,1-Dichloroethane	ND	10	U	3.9	.5		4	.5	
1,1-Dichloroethylene	451	10		602	10	DJ	670	25	D
1,1-Dichloropropene	ND	10	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	10	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	10	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	10	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	10	U	3.3	.5		3.2	.5	
1,2-Dichloropropane	ND	10	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	10	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	10	U	ND	.5	U	ND	.5	U
Benzene	ND	10	U	.28	.5	J	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	10	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	10	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	10	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	10	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	10	U	ND	.5	U	ND	.5	U
Bromoform	ND	10	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	5.4	10	J	5	.5		4.2	.5	
Chlorobenzene	ND	10	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	10	U	ND	.5	U	ND	.5	U
Chloroethane	ND	10	U	ND	.5	U	ND	.5	U
Chloroform	ND	10	U	2.5	.5		2.2	.5	
cis-1,2-Dichloroethylene	7.7	10	J	9.5	.5		8.2	.5	
cis-1,3-Dichloropropene	ND	10	U	ND	.5	U	ND	.5	U
Cymene	ND	10	U	ND	.5	U	ND	.5	U
DBCP	ND	10	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	10	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	10	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	10	U	ND	.5	U	ND	.5	U
EDB	ND	10	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	10	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	10	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	10	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	10	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	10	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	10	U	ND	.5	U	ND	.5	U
Methylene chloride	10.2	10	B	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	10	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	10	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	10	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	10	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	10	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	10	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	10	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	10	U	ND	.5	U	ND	.5	U
Styrene	ND	10	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	10	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	10	U	ND	.5	U	.55	.5	
Toluene	ND	10	U	ND	1.2	U	ND	.5	U
trans-1,3-Dichloropropene	ND	10	U	ND	.5	U	ND	.5	U
Trichloroethylene	31	10		45.3	.5		41.4	.5	
Trichlorofluoromethane	ND	10	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	10	U	ND	.5	U	ND	.5	U
TVOC	1595.3	0		1983.38	0		2175.25	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-263 Date:02/14/01 Depth: 123			Well ID:000-263 Date:05/11/01 Depth: 123			Well ID:000-263 Date:08/07/01 Depth: 123		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.8	.5		ND	1.2	U	1.6	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.64	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.8	0		0	0		1.6	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-263 Date:10/15/01 Depth: 123			Well ID:000-264 Date:02/14/01 Depth: 158			Well ID:000-264 Date:05/11/01 Depth: 158		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.5	.5		.33	.5	J	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.6	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.5	0		.33	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-264 Date:08/06/01 Depth: 158			Well ID:000-264 Date:10/15/01 Depth: 158			Well ID:000-265 Date:02/14/01 Depth: 213		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	.66	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	UJ	ND	.5	U	.35	.5	J
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	.62	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.31	.5	J	ND	.5	U	.43	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.62	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	.45	.5	J
Toluene	ND	.5	U	ND	.5	U	.26	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	.77	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.31	0		0	0		3.54	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-265 Date:05/11/01 Depth: 213			Well ID:000-265 Date:08/07/01 Depth: 213			Well ID:000-265 Date:10/15/01 Depth: 213		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.89	.5		1	.5		.81	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	.45	.5	J	.5	.5		.4	.5	J
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	.95	.5		1.2	.5		.96	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	.5	.5		.38	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	.76	.5		.89	.5		.79	.5	
Toluene	ND	.5	U	ND	.5	U	.26	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	1	.5		1.2	.5		.93	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	4.05	0		5.29	0		4.53	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-266 Date:02/14/01 Depth: 123			Well ID:000-266 Date:05/11/01 Depth: 124			Well ID:000-266 Date:08/06/01 Depth: 124		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	1.8	.5		1.6	.5		1.5	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	.32	.5	J	.54	.5		.71	.5	J
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.29	.5	J	ND	.5	U	.39	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.55	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	.28	.5	J	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.54	.5		.4	.5	J	.42	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	2.95	0		2.82	0		3.02	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-266 Date:10/17/01 Depth: 124			Well ID:000-267 Date:02/14/01 Depth: 161			Well ID:000-267 Date:05/11/01 Depth: 161		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	1.1	.5		2.2	.5		1.7	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	.5	.5		.94	.5		.87	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.42	.5	J	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.58	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.29	.5	J	.62	.5		.41	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	2.31	0		3.76	0		2.98	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-267 Date:08/06/01 Depth: 161			Well ID:000-267 Date:10/16/01 Depth: 161			Well ID:000-268 Date:02/14/01 Depth: 216		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	2.3	.5		3.1	.5		139	2.5	D
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	.63	.5	
1,1-Dichloroethylene	3.8	.5	J	1.5	.5		63.1	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	.85	.5	
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	2.7	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	1.1	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	2.1	.5	
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.66	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.86	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	1.1	.5		.65	.5		7.7	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	7.46	0		5.25	0		217.18	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-268 Date:05/11/01 Depth: 216			Well ID:000-268 Date:08/06/01 Depth: 216			Well ID:000-268 Date:10/17/01 Depth: 216		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	85.8	.5		303	2.5	D	241	2.5	D
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	.37	.5	J	ND	.5	U
1,1-Dichloroethane	.4	.5	J	1.5	.5		1	.5	
1,1-Dichloroethylene	40.1	.5		150	2.5	DJ	116	2.5	D
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	.54	.5		1.9	.5		1.2	.5	
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	1.5	.5		3.5	.5		2.4	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.77	U	1.2	.5		1.2	.5	
cis-1,2-Dichloroethylene	1.4	.5		5.2	.5		3	.5	
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	.63	.5	
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	1.2	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	5.5	.5		15.8	.5		10.4	.5	
Trichlorofluoromethane	ND	.5	U	.68	.5		ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	135.24	0		483.45	0		376.83	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-269 Date:02/14/01 Depth: 121			Well ID:000-269 Date:05/11/01 Depth: 121			Well ID:000-269 Date:08/07/01 Depth: 121		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1	.5		ND	1.1	U	1.4	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.57	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1	0		0	0		1.4	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-269 Date:10/17/01 Depth: 121			Well ID:000-270 Date:02/14/01 Depth: 155			Well ID:000-270 Date:05/11/01 Depth: 155		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	2	.5		1.6	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	.83	.5		.71	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.2	.5		ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	.44	.5	J	ND	.61	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	.58	.5		.41	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.64	0		3.41	0		2.72	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-270 Date:08/06/01 Depth: 155			Well ID:000-270 Date:10/17/01 Depth: 162			Well ID:000-271 Date:02/14/01 Depth: 216		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	2	.5		3.4	.5		2.1	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	1.2	.5	J	1.9	.5		.81	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	.27	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	.31	.5	JB	.47	.5	J	ND	.51	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.55	.5		.7	.5		.69	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	4.06	0		6.47	0		3.87	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-271 Date:05/11/01 Depth: 216			Well ID:000-271 Date:08/07/01 Depth: 216			Well ID:000-271 Date:10/17/01 Depth: 216		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	2.9	.5		93.3	.5		9.2	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	.67	.5		ND	.5	U
1,1-Dichloroethylene	1.2	.5		43.5	.5		4.1	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	.98	.5		ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	.44	.5	J	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	.98	.5		ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	2	.5		ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.58	.5		6.9	.5		.66	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	4.68	0		148.77	0		13.94	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-272 Date:02/14/01 Depth: 191			Well ID:000-272 Date:05/10/01 Depth: 191			Well ID:000-272 Date:08/06/01 Depth: 186		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	UJ
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.1	.5		.94	.5		.97	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.54	U	.47	.5	JB	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	.37	.5	J	ND	.58	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.1	0		1.78	0		.97	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-272 Date:10/12/01 Depth: 191			Well ID:000-273 Date:02/15/01 Depth: 185			Well ID:000-273 Date:05/11/01 Depth: 185		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.81	.5		.87	.5		ND	.78	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	1	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.81	0		.87	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-273 Date:08/07/01 Depth: 185			Well ID:000-273 Date:10/16/01 Depth: 185			Well ID:000-274 Date:02/15/01 Depth: 242		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	25.9	.5		6.3	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.99	.5		1.5	.5		.97	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.87	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	.72	.5		ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.99	0		28.12	0		7.27	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-274 Date:05/11/01 Depth: 242			Well ID:000-274 Date:08/07/01 Depth: 242			Well ID:000-274 Date:10/16/01 Depth: 242		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	2.5	.5		1.6	.5		.96	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.7	U	.8	.5		.7	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	.42	.5	J
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	2.5	0		2.4	0		2.08	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-275 Date:02/15/01 Depth: 134			Well ID:000-275 Date:05/11/01 Depth: 134			Well ID:000-275 Date:08/07/01 Depth: 146		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	3	.5		ND	2.1	U	2.3	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.83	U	ND	.61	U	ND	1.1	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	3	0		0	0		2.3	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-275 Date:10/16/01 Depth: 134			Well ID:000-276 Date:02/15/01 Depth: 154			Well ID:000-276 Date:05/11/01 Depth: 164		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	2.2	.5		2.5	.5		ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.82	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.59	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	2.2	0		2.5	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-276 Date:08/07/01 Depth: 164			Well ID:000-276 Date:10/16/01 Depth: 169			Well ID:000-277 Date:02/15/01 Depth: 147		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	1.5	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	.67	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	2.1	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	2.1	.5		1.8	.5		1.2	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	.34	.5	J
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.78	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.51	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	6	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	2.1	0		1.8	0		11.81	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-277 Date:05/11/01 Depth: 147			Well ID:000-277 Date:08/07/01 Depth: 147			Well ID:000-277 Date:10/15/01 Depth: 147		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.57	.5		.39	.5	J	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	.69	.5		.33	.5	J	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.81	U	1.1	.5		1	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.6	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	2.4	.5		1.8	.5		.96	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	3.66	0		3.62	0		1.96	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-278 Date:02/15/01 Depth: 199			Well ID:000-278 Date:05/11/01 Depth: 199			Well ID:000-278 Date:08/07/01 Depth: 199		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	50.8	.5		114	1	D	97.4	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	.31	.5	J	.27	.5	J	ND	.5	U
1,1-Dichloroethane	.48	.5	J	.78	.5		.65	.5	
1,1-Dichloroethylene	28.6	.5		55.7	.5		44.9	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	1.4	.5		1.6	.5		1.1	.5	
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	6.2	.5		3.6	.5		3.9	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.3	.5		ND	1	U	1.1	.5	
cis-1,2-Dichloroethylene	6.1	.5		4.7	.5		2.8	.5	
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.75	U	ND	.62	U	ND	1.1	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	73.2	.5	J	44.9	.5		17	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	168.39	0		225.55	0		168.85	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-278 Date:10/16/01 Depth: 194			Well ID:000-279 Date:02/14/01 Depth: 193			Well ID:000-279 Date:05/10/01 Depth: 193		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	16.2	.5		.64	.5		.3	.5	J
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	7.5	.5		ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	.41	.5	J	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	1.7	.5		23.2	.5		4.6	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.48	.5	J	1.4	.5		1	.5	
cis-1,2-Dichloroethylene	.7	.5		ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	.45	.5	JB
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	3.7	.5		2.4	.5	
Toluene	ND	.52	U	ND	.5	U	.45	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	9.3	.5		6.3	.5		6.4	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	36.29	0		35.24	0		15.6	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-279 Date:08/08/01 Depth: 193			Well ID:000-279 Date:10/15/01 Depth: 188			Well ID:000-280 Date:02/14/01 Depth: 160		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.66	.5		.86	.5		ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	.41	.5	J	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	8.2	.5		8.3	.5		ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.3	.5		1.2	.5		.88	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	.3	.5	J	.54	.5		ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.53	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	3	.5		2	.5		ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	6.4	.5		7.5	.5		ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	19.86	0		20.81	0		.88	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Industrial Park)

	Well ID:000-280 Date:05/14/01 Depth: 160			Well ID:000-280 Date:08/07/01 Depth: 160			Well ID:000-280 Date:10/10/01 Depth: 160		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.65	.5		.55	.5		.33	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.68	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.65	0		.55	0		.33	0	

FORMER LANDFILL

ANALYTICAL RESULTS

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: Former Landfill

	Well ID:086-42 Date:01/25/01 Depth: 70			Well ID:086-42 Date:04/11/01 Depth: 70			Well ID:086-42 Date:06/27/01 Depth: 70		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	.3	.5	J
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.018	UJ	ND	.019	U	ND	.018	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.018	UJ	ND	.019	U	ND	.018	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	.26	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		0	0		.56	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: Former Landfill

	Well ID:086-42 Date:10/03/01 Depth: 70			Well ID:086-72 Date:01/25/01 Depth: 49			Well ID:086-72 Date:04/11/01 Depth: 49		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	2.1	.5		2	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.019	UJ	ND	.018	UJ	ND	.018	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.019	UJ	ND	.018	UJ	ND	.018	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	.86	.5	B	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.86	0		2.1	0		2	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: Former Landfill

	Well ID:086-72 Date:06/26/01 Depth: 47			Well ID:086-72 Date:10/03/01 Depth: 49			Well ID:087-22 Date:01/25/01 Depth: 48		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	2.6	.5		2.2	.5		.51	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.018	U	ND	.018	UJ	ND	.018	UJ
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.018	U	ND	.018	UJ	ND	.018	UJ
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	.78	.5	B	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	1.1	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	2.6	0		2.98	0		.51	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: Former Landfill

	Well ID:087-22 Date:04/11/01 Depth: 48			Well ID:087-22 Date:06/26/01 Depth: 48			Well ID:087-22 Date:10/04/01 Depth: 48		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.68	.5		.7	.5		.57	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.018	U	ND	.019	U	ND	.019	UJ
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.018	U	ND	.019	U	ND	.019	UJ
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	1.1	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.68	0		.7	0		.57	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: Former Landfill

	Well ID:097-17 Date:01/25/01 Depth: 34			Well ID:097-17 Date:04/11/01 Depth: 34			Well ID:097-17 Date:06/27/01 Depth: 34		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.9	.5		.64	.5		ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.018	UJ	ND	.019	U	ND	.018	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.018	UJ	ND	.019	U	ND	.018	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	1.1	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.9	0		.64	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: Former Landfill

	Well ID:097-17 Date:10/04/01 Depth: 34			Well ID:097-64 Date:01/25/01 Depth: 37			Well ID:097-64 Date:04/11/01 Depth: 37		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	.27	.5	J	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.4	.5	J	.33	.5	J	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.019	UJ	ND	.019	UJ	ND	.019	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.019	UJ	ND	.019	UJ	ND	.019	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.4	0		.6	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: Former Landfill

	Well ID:097-64 Date:06/27/01 Depth: 37			Well ID:097-64 Date:10/04/01 Depth: 37			Well ID:097-277 Date:01/25/01 Depth: 48		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	.33	.5	J	1.4	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.018	U	ND	.018	UJ	ND	.018	UJ
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.018	U	ND	.018	UJ	ND	.018	UJ
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		.33	0		1.4	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: Former Landfill

	Well ID:097-277 Date:04/11/01 Depth: 48			Well ID:097-277 Date:06/27/01 Depth: 48			Well ID:097-277 Date:10/03/01 Depth: 48		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.55	.5		.77	.5		.71	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.018	U	ND	.018	U	ND	.019	UJ
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.018	U	ND	.018	U	ND	.019	UJ
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	1	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.55	0		.77	0		.71	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: Former Landfill

	Well ID:106-02 Date:01/25/01 Depth: 60			Well ID:106-02 Date:04/12/01 Depth: 60			Well ID:106-02 Date:06/27/01 Depth: 60		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.49	.5	J	.55	.5		.58	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.018	UJ	ND	.018	UJ	ND	.019	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.018	UJ	ND	.018	U	ND	.019	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.57	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	.26	.5	J
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.49	0		.55	0		.84	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: Former Landfill

	Well ID:106-02 Date:10/04/01 Depth: 60			Well ID:106-30 Date:01/25/01 Depth: 37			Well ID:106-30 Date:04/12/01 Depth: 37		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	1.1	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	.89	.5	
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.94	.5		1.1	.5		ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.019	UJ	ND	.019	UJ	ND	.018	UJ
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.019	UJ	ND	.019	UJ	ND	.018	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.61	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	.26	.5	J	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.94	0		1.62	0		1.99	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: Former Landfill

	Well ID:106-30 Date:06/27/01 Depth: 37			Well ID:106-30 Date:10/04/01 Depth: 37		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.92	.5		.51	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	.5	.5	
1,1-Dichloroethylene	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	.64	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U
DBCP	ND	.018	U	ND	.019	UJ
Dibromochloromethane	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U
EDB	ND	.018	U	ND	.019	UJ
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U
Naphthalene*	ND	1.1	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	.33	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U
TVOC	.92	0		1.98	0	

EM - 2001 Groundwater Data: Semi - VOCs
Brookhaven National Laboratory
Project: Former Landfill

	Well ID:086-42 Date:06/27/01 Depth: 70			Well ID:086-72 Date:06/26/01 Depth: 47			Well ID:087-22 Date:06/26/01 Depth: 48		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,2,4-Trichlorobenzene*	ND	9.7	U	ND	9.7	U	ND	9.7	U
2,4,5-Trichlorophenol	ND	9.7	U	ND	9.7	U	ND	9.7	U
2,4,6-Trichlorophenol	ND	9.7	U	ND	9.7	U	ND	9.7	U
2,4-Dichlorophenol	ND	9.7	U	ND	9.7	U	ND	9.7	U
2,4-Dimethylphenol	ND	9.7	U	ND	9.7	U	ND	9.7	U
2,4-Dinitrophenol	ND	48.5	U	ND	48.5	U	ND	48.5	U
2,4-Dinitrotoluene	ND	9.7	U	ND	9.7	U	ND	9.7	U
2,6-Dinitrotoluene	ND	9.7	U	ND	9.7	U	ND	9.7	U
2-Chloronaphthalene	ND	9.7	U	ND	9.7	U	ND	9.7	U
2-Chlorophenol	ND	9.7	U	ND	9.7	U	ND	9.7	U
2-Methylnaphthalene	ND	.97	U	ND	.97	U	ND	.97	U
3,3'-Dichlorobenzidine	ND	38.8	U	ND	38.8	U	ND	38.8	U
4,6-Dinitro-o-cresol	ND	48.5	U	ND	48.5	U	ND	48.5	U
4-Bromophenyl phenyl ether	ND	9.7	U	ND	9.7	U	ND	9.7	U
4-Chlorophenyl phenyl ether	ND	9.7	U	ND	9.7	U	ND	9.7	U
Acenaphthene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Acenaphthylene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Anthracene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Benzidine	ND	48.5	U	ND	48.5	U	ND	48.5	U
Benzo(a)anthracene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Benzo(a)pyrene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Benzo(b)fluoranthene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Benzo(ghi)perylene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Benzo(k)fluoranthene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Bis(2-chloroethoxy)methane	ND	9.7	U	ND	9.7	U	ND	9.7	U
Bis(2-chloroethyl)ether	ND	9.7	U	ND	9.7	U	ND	9.7	U
Bis(2-ethylhexyl)phthalate	ND	9.7	U	.21	9.7	J	ND	9.7	U
bis-chloroisopropyl ether	ND	9.7	U	ND	9.7	U	ND	9.7	U
Butyl benzyl phthalate	ND	9.7	U	ND	9.7	U	ND	9.7	U
Chrysene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Di-n-butyl phthalate	ND	9.7	U	ND	9.7	U	ND	9.7	U
Di-n-octyl phthalate	ND	9.7	U	ND	9.7	U	ND	9.7	U
Dibenzo(a,h)anthracene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Dibenzofuran	ND	9.7	U	ND	9.7	U	ND	9.7	U
Diethyl phthalate	ND	9.7	U	ND	9.7	U	ND	9.7	U
Dimethyl phthalate	ND	9.7	U	ND	9.7	U	ND	9.7	U
Fluoranthene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Fluorene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Hexachlorobenzene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Hexachlorobutadiene*	ND	9.7	U	ND	9.7	U	ND	9.7	U
Hexachlorocyclopentadiene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Hexachloroethane	ND	9.7	U	ND	9.7	U	ND	9.7	U
Indeno(1,2,3-cd)pyrene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Isophorone	ND	9.7	U	ND	9.7	U	ND	9.7	U
N-Nitrosodimethylamine	ND	9.7	U	ND	9.7	U	ND	9.7	U
N-Nitrosodipropylamine	ND	9.7	U	ND	9.7	U	ND	9.7	U
Naphthalene*	ND	9.7	U	ND	9.7	U	ND	9.7	U
Nitrobenzene	ND	9.7	U	ND	9.7	U	ND	9.7	U
o-Nitrophenol	ND	9.7	U	ND	9.7	U	ND	9.7	U
p-Chloro-m-cresol	ND	9.7	U	ND	9.7	U	ND	9.7	U
p-Nitrophenol	ND	48.5	U	ND	48.5	U	ND	48.5	U
PCP	ND	48.5	U	ND	48.5	U	ND	48.5	U
Phenanthrene	ND	9.7	U	ND	9.7	U	ND	9.7	U
Phenol	ND	9.7	U	ND	9.7	U	ND	9.7	U
Pyrene	ND	9.7	U	ND	9.7	U	ND	9.7	U

EM - 2001 Groundwater Data: Semi - VOCs
Brookhaven National Laboratory
Project: Former Landfill

	Well ID:097-17 Date:06/27/01 Depth: 34			Well ID:097-64 Date:06/27/01 Depth: 37			Well ID:097-277 Date:06/27/01 Depth: 48		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,2,4-Trichlorobenzene*	ND	9.7	U	ND	10	U	ND	9.7	U
2,4,5-Trichlorophenol	ND	9.7	U	ND	10	U	ND	9.7	U
2,4,6-Trichlorophenol	ND	9.7	U	ND	10	U	ND	9.7	U
2,4-Dichlorophenol	ND	9.7	U	ND	10	U	ND	9.7	U
2,4-Dimethylphenol	ND	9.7	U	ND	10	U	ND	9.7	U
2,4-Dinitrophenol	ND	48.5	U	ND	50	U	ND	48.5	U
2,4-Dinitrotoluene	ND	9.7	U	ND	10	U	ND	9.7	U
2,6-Dinitrotoluene	ND	9.7	U	ND	10	U	ND	9.7	U
2-Chloronaphthalene	ND	9.7	U	ND	10	U	ND	9.7	U
2-Chlorophenol	ND	9.7	U	ND	10	U	ND	9.7	U
2-Methylnaphthalene	ND	.97	U	ND	1	U	ND	.97	U
3,3'-Dichlorobenzidine	ND	38.8	U	ND	40	U	ND	38.8	U
4,6-Dinitro-o-cresol	ND	48.5	U	ND	50	U	ND	48.5	U
4-Bromophenyl phenyl ether	ND	9.7	U	ND	10	U	ND	9.7	U
4-Chlorophenyl phenyl ether	ND	9.7	U	ND	10	U	ND	9.7	U
Acenaphthene	ND	9.7	U	ND	10	U	ND	9.7	U
Acenaphthylene	ND	9.7	U	ND	10	U	ND	9.7	U
Anthracene	ND	9.7	U	ND	10	U	ND	9.7	U
Benzidine	ND	48.5	U	ND	50	U	ND	48.5	U
Benzo(a)anthracene	ND	9.7	U	ND	10	U	ND	9.7	U
Benzo(a)pyrene	ND	9.7	U	ND	10	U	ND	9.7	U
Benzo(b)fluoranthene	ND	9.7	U	ND	10	U	ND	9.7	U
Benzo(ghi)perylene	ND	9.7	U	ND	10	U	ND	9.7	U
Benzo(k)fluoranthene	ND	9.7	U	ND	10	U	ND	9.7	U
Bis(2-chloroethoxy)methane	ND	9.7	U	ND	10	U	ND	9.7	U
Bis(2-chloroethyl)ether	ND	9.7	U	ND	10	U	ND	9.7	U
Bis(2-ethylhexyl)phthalate	ND	9.7	U	ND	10	U	ND	9.7	U
bis-chloroisopropyl ether	ND	9.7	U	ND	10	U	ND	9.7	U
Butyl benzyl phthalate	ND	9.7	U	ND	10	U	ND	9.7	U
Chrysene	ND	9.7	U	ND	10	U	ND	9.7	U
Di-n-butyl phthalate	ND	9.7	U	ND	10	U	ND	9.7	U
Di-n-octyl phthalate	ND	9.7	U	ND	10	U	ND	9.7	U
Dibenzo(a,h)anthracene	ND	9.7	U	ND	10	U	ND	9.7	U
Dibenzofuran	ND	9.7	U	ND	10	U	ND	9.7	U
Diethyl phthalate	ND	9.7	U	ND	10	U	ND	9.7	U
Dimethyl phthalate	ND	9.7	U	ND	10	U	ND	9.7	U
Fluoranthene	ND	9.7	U	ND	10	U	ND	9.7	U
Fluorene	ND	9.7	U	ND	10	U	ND	9.7	U
Hexachlorobenzene	ND	9.7	U	ND	10	U	ND	9.7	U
Hexachlorobutadiene*	ND	9.7	U	ND	10	U	ND	9.7	U
Hexachlorocyclopentadiene	ND	9.7	U	ND	10	U	ND	9.7	U
Hexachloroethane	ND	9.7	U	ND	10	U	ND	9.7	U
Indeno(1,2,3-cd)pyrene	ND	9.7	U	ND	10	U	ND	9.7	U
Isophorone	ND	9.7	U	ND	10	U	ND	9.7	U
N-Nitrosodimethylamine	ND	9.7	U	ND	10	U	ND	9.7	U
N-Nitrosodipropylamine	ND	9.7	U	ND	10	U	ND	9.7	U
Naphthalene*	ND	9.7	U	ND	10	U	ND	9.7	U
Nitrobenzene	ND	9.7	U	ND	10	U	ND	9.7	U
o-Nitrophenol	ND	9.7	U	ND	10	U	ND	9.7	U
p-Chloro-m-cresol	ND	9.7	U	ND	10	U	ND	9.7	U
p-Nitrophenol	ND	48.5	U	ND	50	U	ND	48.5	U
PCP	ND	48.5	U	ND	50	U	ND	48.5	U
Phenanthrene	ND	9.7	U	ND	10	U	ND	9.7	U
Phenol	ND	9.7	U	ND	10	U	ND	9.7	U
Pyrene	ND	9.7	U	ND	10	U	ND	9.7	U

EM - 2001 Groundwater Data: Semi - VOCs
Brookhaven National Laboratory
Project: Former Landfill

	Well ID:106-02 Date:06/27/01 Depth: 60			Well ID:106-30 Date:06/27/01 Depth: 37		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,2,4-Trichlorobenzene*	ND	9.7	U	ND	9.7	U
2,4,5-Trichlorophenol	ND	9.7	U	ND	9.7	U
2,4,6-Trichlorophenol	ND	9.7	U	ND	9.7	U
2,4-Dichlorophenol	ND	9.7	U	ND	9.7	U
2,4-Dimethylphenol	ND	9.7	U	ND	9.7	U
2,4-Dinitrophenol	ND	48.5	U	ND	48.5	U
2,4-Dinitrotoluene	ND	9.7	U	ND	9.7	U
2,6-Dinitrotoluene	ND	9.7	U	ND	9.7	U
2-Chloronaphthalene	ND	9.7	U	ND	9.7	U
2-Chlorophenol	ND	9.7	U	ND	9.7	U
2-Methylnaphthalene	ND	.97	U	.25	.97	J
3,3'-Dichlorobenzidine	ND	38.8	U	ND	38.8	U
4,6-Dinitro-o-cresol	ND	48.5	U	ND	48.5	U
4-Bromophenyl phenyl ether	ND	9.7	U	ND	9.7	U
4-Chlorophenyl phenyl ether	ND	9.7	U	ND	9.7	U
Acenaphthene	ND	9.7	U	ND	9.7	U
Acenaphthylene	ND	9.7	U	ND	9.7	U
Anthracene	ND	9.7	U	ND	9.7	U
Benzidine	ND	48.5	U	ND	48.5	U
Benzo(a)anthracene	ND	9.7	U	ND	9.7	U
Benzo(a)pyrene	ND	9.7	U	ND	9.7	U
Benzo(b)fluoranthene	ND	9.7	U	.28	9.7	J
Benzo(ghi)perylene	ND	9.7	U	ND	9.7	U
Benzo(k)fluoranthene	ND	9.7	U	.31	9.7	J
Bis(2-chloroethoxy)methane	ND	9.7	U	ND	9.7	U
Bis(2-chloroethyl)ether	ND	9.7	U	ND	9.7	U
Bis(2-ethylhexyl)phthalate	ND	9.7	U	.4	9.7	J
bis-chloroisopropyl ether	ND	9.7	U	ND	9.7	U
Butyl benzyl phthalate	ND	9.7	U	ND	9.7	U
Chrysene	ND	9.7	U	ND	9.7	U
Di-n-butyl phthalate	ND	9.7	U	ND	9.7	U
Di-n-octyl phthalate	ND	9.7	U	ND	9.7	U
Dibenzo(a,h)anthracene	ND	9.7	U	ND	9.7	U
Dibenzofuran	ND	9.7	U	ND	9.7	U
Diethyl phthalate	ND	9.7	U	ND	9.7	U
Dimethyl phthalate	ND	9.7	U	ND	9.7	U
Fluoranthene	ND	9.7	U	.32	9.7	J
Fluorene	ND	9.7	U	ND	9.7	U
Hexachlorobenzene	ND	9.7	U	ND	9.7	U
Hexachlorobutadiene*	ND	9.7	U	ND	9.7	U
Hexachlorocyclopentadiene	ND	9.7	U	ND	9.7	U
Hexachloroethane	ND	9.7	U	ND	9.7	U
Indeno(1,2,3-cd)pyrene	ND	9.7	U	ND	9.7	U
Isophorone	ND	9.7	U	ND	9.7	U
N-Nitrosodimethylamine	ND	9.7	U	ND	9.7	U
N-Nitrosodipropylamine	ND	9.7	U	ND	9.7	U
Naphthalene*	ND	9.7	U	ND	9.7	U
Nitrobenzene	ND	9.7	U	ND	9.7	U
o-Nitrophenol	ND	9.7	U	ND	9.7	U
p-Chloro-m-cresol	ND	9.7	U	ND	9.7	U
p-Nitrophenol	ND	48.5	U	ND	48.5	U
PCP	ND	48.5	U	ND	48.5	U
Phenanthrene	ND	9.7	U	ND	9.7	U
Phenol	ND	9.7	U	ND	9.7	U
Pyrene	ND	9.7	U	.34	9.7	J

EM - 2001 Groundwater Data: Pesticides / PCBs
Brookhaven National Laboratory
Project: Former Landfill

	Well ID: 086-42 Date:06/27/01 Depth: 70			Well ID: 086-72 Date:06/26/01 Depth: 47			Well ID: 087-22 Date:06/26/01 Depth: 48			Well ID: 097-17 Date:06/27/01 Depth: 34			Well ID: 097-64 Date:06/27/01 Depth: 37		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
4,4''-DDD	ND	.05	U	ND	.05	U	ND	.05	U	ND	.048	U	ND	.05	U
4,4''-DDE	ND	.1	U	ND	.1	U	ND	.1	U	ND	.097	U	ND	.1	U
4,4''-DDT	ND	.1	U	ND	.1	U	ND	.1	U	ND	.097	U	ND	.1	U
Aldrin	ND	.05	U	ND	.05	U	ND	.05	U	ND	.048	U	ND	.05	U
alpha-BHC	ND	.05	U	ND	.05	U	ND	.05	U	ND	.048	U	ND	.05	U
Aroclor 1016	ND	1	U	ND	1	U	ND	1	U	ND	.97	U	ND	1	U
Aroclor 1221	ND	2	U	ND	2	U	ND	2	U	ND	1.9	U	ND	2	U
Aroclor 1232	ND	1	U	ND	1	U	ND	1	U	ND	.97	U	ND	1	U
Aroclor 1248	ND	1	U	ND	1	U	ND	1	U	ND	.97	U	ND	1	U
Aroclor 1254	ND	1	U	ND	1	U	ND	1	U	ND	.97	U	ND	1	U
Aroclor 1260	ND	1	U	ND	1	U	ND	1	U	ND	.97	U	ND	1	U
Aroclor-1242	ND	1	U	ND	1	U	ND	1	U	ND	.97	U	ND	1	U
beta-BHC	ND	.05	U	ND	.05	U	ND	.05	U	ND	.048	U	ND	.05	U
Chlordane	ND	.05	U	ND	.05	U	ND	.05	U	ND	.048	U	ND	.05	U
delta-BHC	ND	.1	U	ND	.1	U	ND	.1	U	ND	.097	U	ND	.1	U
Dieldrin	ND	.1	U	ND	.1	U	ND	.1	U	ND	.097	U	ND	.1	U
Endosulfan I	ND	.05	U	ND	.05	U	ND	.05	U	ND	.048	U	ND	.05	U
Endosulfan II	ND	.1	U	ND	.1	U	ND	.1	U	ND	.097	U	ND	.1	U
Endosulfan sulfate	ND	.1	U	ND	.1	U	ND	.1	U	ND	.097	U	ND	.1	U
Endrin	ND	.1	U	ND	.1	U	ND	.1	U	ND	.097	U	ND	.1	U
Endrin aldehyde	ND	.1	U	ND	.1	U	ND	.1	U	ND	.097	U	ND	.1	U
Heptachlor	ND	.05	U	ND	.05	U	ND	.05	U	ND	.048	U	ND	.05	U
Heptachlor epoxide	ND	.05	U	ND	.05	U	ND	.05	U	ND	.048	U	ND	.05	U
Lindane	ND	.05	U	ND	.05	U	ND	.05	U	ND	.048	U	ND	.05	U
Toxaphene	ND	5	U	ND	5	U	ND	5	U	ND	4.8	U	ND	5	U

EM - 2001 Groundwater Data: Pesticides / PCBs
Brookhaven National Laboratory
Project: Former Landfill

	Well ID: 097-277 Date:06/27/01 Depth: 48			Well ID: 106-02 Date:06/27/01 Depth: 60			Well ID: 106-30 Date:06/27/01 Depth: 37		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
4,4''-DDD	ND	.05	U	ND	.05	U	ND	.048	U
4,4''-DDE	ND	.1	U	ND	.1	U	ND	.097	U
4,4''-DDT	ND	.1	U	ND	.1	U	ND	.097	U
Aldrin	ND	.05	U	ND	.05	U	ND	.048	U
alpha-BHC	ND	.05	U	ND	.05	U	ND	.048	U
Aroclor 1016	ND	1	U	ND	1	U	ND	.97	U
Aroclor 1221	ND	2	U	ND	2	U	ND	1.9	U
Aroclor 1232	ND	1	U	ND	1	U	ND	.97	U
Aroclor 1248	ND	1	U	ND	1	U	ND	.97	U
Aroclor 1254	ND	1	U	ND	1	U	ND	.97	U
Aroclor 1260	ND	1	U	ND	1	U	ND	.97	U
Aroclor-1242	ND	1	U	ND	1	U	ND	.97	U
beta-BHC	ND	.05	U	ND	.05	U	ND	.048	U
Chlordane	ND	.05	U	ND	.05	U	ND	.048	U
delta-BHC	ND	.1	U	ND	.1	U	ND	.097	U
Dieldrin	ND	.1	U	ND	.1	U	ND	.097	U
Endosulfan I	ND	.05	U	ND	.05	U	ND	.048	U
Endosulfan II	ND	.1	U	ND	.1	U	ND	.097	U
Endosulfan sulfate	ND	.1	U	ND	.1	U	ND	.097	U
Endrin	ND	.1	U	ND	.1	U	ND	.097	U
Endrin aldehyde	ND	.1	U	ND	.1	U	ND	.097	U
Heptachlor	ND	.05	U	ND	.05	U	ND	.048	U
Heptachlor epoxide	ND	.05	U	ND	.05	U	ND	.048	U
Lindane	ND	.05	U	ND	.05	U	ND	.048	U
Toxaphene	ND	5	U	ND	5	U	ND	4.8	U

EM - 2001 Groundwater Data: Metals
Brookhaven National Laboratory
Project: Former Landfill

	Well ID: 086-42 Date: 01/25/01 Depth: 70			Well ID: 086-42 Date: 04/11/01 Depth: 70			Well ID: 086-42 Date: 06/27/01 Depth: 70			Well ID: 086-42 Date: 10/03/01 Depth: 70			Well ID: 086-72 Date: 01/25/01 Depth: 49		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Aluminum	ND	7.6	U	ND	7.57	U	14.1	7.28	B	ND	23.2	U	ND	7.6	U
Antimony	ND	2.24	U	ND	2.65	U	ND	2.81	U	ND	5.08	U	ND	2.24	U
Arsenic	ND	2.46	U	ND	2.33	U	ND	4.06	U	ND	2.6	U	ND	2.46	U
Barium	ND	7.9	U	7.91	.162	B	7.85	1.34	B	7.54	.248	B	11.5	.487	B
Beryllium	ND	.212	U	ND	.158	U	ND	.19	U	ND	.212	U	ND	.212	U
Cadmium	ND	.361	U	ND	.272	U	ND	.42	U	ND	.416	U	ND	.361	U
Calcium	6280	8.19		6240	5		6770	8.47		5770	24.7		2140	8.19	B
Chromium	1.34	.697	B	1.86	.582	B	.65	.65	B	1.34	.57	B	ND	.697	U
Cobalt	ND	.669	U	ND	.419	U	ND	.83	U	ND	.737	U	ND	.669	U
Copper	ND	1.54	U	ND	.587	U	ND	1.22	U	ND	1.02	U	ND	1.54	U
Iron	ND	34.4	U	60.3	3.27	B	26.8	3.47	B	56.9	2.24	B	ND	14.1	U
Lead	ND	2.25	U	ND	1.47	U	ND	1.98	U	5.31	2.43		ND	2.25	U
Magnesium	3110	4.55	B	3100	3.63	B	3290	6.17	B	2590	5.14	B	1720	4.55	B
Manganese	.744	.477	B	ND	.338	U	.73	.45	B	1.88	.369	B	3.69	.477	B
Mercury				ND	.057	U	ND	.057	U	ND	.064	U			
Nickel	ND	1.03	U	ND	.815	U	ND	1.37	U	ND	1.26	U	ND	1.03	U
Potassium	880	.496	B	893	6.52	B	944	27.4	B	957	18.2	B	787	.496	B
Selenium	ND	2.37	U	ND	2.93	U	ND	2.8	U	ND	3.49	U	ND	2.37	U
Silver	ND	.618	U	ND	.871	U	1.06	.94	B	ND	.666	U	ND	.618	U
Sodium	11600	10.6		10400	7.85		11100	8.63		12500	15		6260	10.6	
Thallium	ND	3.26	U	ND	3.88	U	ND	3.27	U	ND	4.93	U	ND	3.26	U
Vanadium	ND	.455	U	.879	.638	B	ND	.69	U	ND	.482	U	ND	.455	U
Zinc	1.86	.504	B	ND	.72	U	ND	.78	U	98.4	.491		.607	.504	B

EM - 2001 Groundwater Data: Metals
Brookhaven National Laboratory
Project: Former Landfill

	Well ID: 086-72 Date: 04/11/01 Depth: 49			Well ID: 086-72 Date: 06/26/01 Depth: 47			Well ID: 086-72 Date: 10/03/01 Depth: 49			Well ID: 087-22 Date: 01/25/01 Depth: 48			Well ID: 087-22 Date: 04/11/01 Depth: 48		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Aluminum	ND	7.57	U	ND	7.57	U	ND	25.5	U	ND	7.6	U	ND	7.57	U
Antimony	ND	2.65	U	ND	2.65	U	ND	5.08	U	ND	3.42	U	ND	2.65	U
Arsenic	ND	2.33	U	ND	4.9	U	ND	2.6	U	ND	2.46	U	ND	2.33	U
Barium	11.4	.162	B	12	.162	B	13	.248	B	14.6	.487	B	15.5	.162	B
Beryllium	ND	.158	U	ND	.158	U	ND	.212	U	ND	.212	U	ND	.158	U
Cadmium	ND	.272	U	ND	.272	U	ND	.416	U	ND	.361	U	ND	.272	U
Calcium	2150	5	B	2320	5	B	2360	24.7	B	2960	8.19	B	2940	5	B
Chromium	ND	.582	U	ND	.582	U	.892	.57	B	ND	.697	U	.958	.582	B
Cobalt	ND	.419	U	ND	.419	U	ND	.737	U	ND	.669	U	ND	.419	U
Copper	ND	.587	U	ND	.742	U	ND	1.02	U	ND	1.54	U	ND	.587	U
Iron	ND	3.27	U	11.5	3.27	B	37.6	2.24	B	ND	5.94	U	55.5	3.27	B
Lead	ND	1.47	U	ND	1.47	U	5.78	2.43		ND	2.25	U	ND	1.47	U
Magnesium	1540	3.63	B	1760	3.63	B	1850	5.14	B	2130	4.55	B	2000	3.63	B
Manganese	4.57	.338	B*	3.94	.338	B	5.56	.369	B	3.5	.477	B	22.9	.338	*
Mercury	ND	.057	U	ND	.057	U	ND	.064	U				ND	.057	U
Nickel	ND	.815	U	ND	.815	U	ND	1.26	U	ND	1.03	U	ND	.815	U
Potassium	815	6.52	B	833	6.52	B	907	18.2	B	1250	.496	B	1160	6.52	B
Selenium	ND	2.93	U	3.84	2.93	B	ND	3.49	U	ND	2.37	U	ND	2.93	U
Silver	ND	.871	U	ND	.871	U	ND	.666	U	ND	.618	U	ND	.871	U
Sodium	5320	7.85		6110	7.85		6470	15		3370	10.6	B	3820	7.85	B
Thallium	ND	3.88	U	ND	3.88	U	ND	4.93	U	3.48	3.26	B	ND	3.88	U
Vanadium	ND	.638	U	ND	.638	U	ND	.482	U	.46	.455	B	ND	.638	U
Zinc	ND	.72	U	1.05	.72	B	ND	1.06	U	2.11	.504	B	11.8	.72	B

EM - 2001 Groundwater Data: Metals
Brookhaven National Laboratory
Project: Former Landfill

	Well ID: 087-22 Date: 06/26/01 Depth: 48			Well ID: 087-22 Date: 10/04/01 Depth: 48			Well ID: 097-17 Date: 01/25/01 Depth: 34			Well ID: 097-17 Date: 04/11/01 Depth: 34			Well ID: 097-17 Date: 06/27/01 Depth: 34		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Aluminum	ND	7.57	U	38.5	9.54	J	73.7	7.6	B	46.7	7.57	B	103	7.28	B
Antimony	ND	2.65	U	ND	5.08	U	ND	2.24	U	ND	2.65	U	ND	2.81	U
Arsenic	ND	3.82	U	ND	2.6	U	ND	2.46	U	ND	2.33	U	ND	4.06	U
Barium	14.5	.162	B	14.7	.248	B	15.2	.487	B	13.1	.162	B	16.1	1.34	B
Beryllium	ND	.158	U	ND	.212	U	ND	.212	U	ND	.158	U	ND	.19	U
Cadmium	ND	.272	U	ND	.416	U	ND	.361	U	ND	.272	U	ND	.42	U
Calcium	2630	5	B	2710	24.7	B	4100	8.19	B	3220	5	B	3300	8.47	B
Chromium	ND	.582	U	ND	.947	U	ND	.697	U	.963	.582	B	ND	.65	U
Cobalt	ND	.419	U	ND	.737	U	ND	.669	U	ND	.419	U	ND	.83	U
Copper	ND	.587	U	ND	1.02	U	ND	1.54	U	ND	.587	U	ND	1.22	U
Iron	15.2	3.27	B	55.6	2.24	B	ND	2.37	U	16.6	3.27	B	6.23	3.47	B
Lead	1.55	1.47	B	ND	2.43	U	ND	2.25	U	ND	1.47	U	ND	1.98	U
Magnesium	1930	3.63	B	1840	5.14	B	1700	4.55	B	1300	3.63	B	1340	6.17	B
Manganese	2.96	.338	B	3.54	.369	B	34.2	.477		26.9	.338	*	40	.45	
Mercury	ND	.057	U	ND	.064	U	ND	.048	U	ND	.057	U	ND	.057	U
Nickel	ND	.815	U	ND	1.26	U	ND	1.03	U	ND	.815	U	ND	1.37	U
Potassium	1130	6.52	B	1080	18.2	B	685	.496	B	563	6.52	B	522	27.4	B
Selenium	3.39	2.93	B	ND	3.49	U	ND	2.37	U	ND	2.93	U	ND	2.8	U
Silver	ND	.871	U	ND	.666	U	ND	.618	U	ND	.871	U	ND	.94	U
Sodium	4210	7.85	B	4420	15	B	5700	10.6		4800	7.85	B	4090	8.63	B
Thallium	ND	3.88	U	ND	4.93	U	ND	3.26	U	ND	3.88	U	ND	3.27	U
Vanadium	ND	.638	U	ND	.482	U	ND	.455	U	ND	.638	U	ND	.69	U
Zinc	.821	.72	B	72.7	.491		1.21	.504	B	ND	.72	U	1.21	.78	B

EM - 2001 Groundwater Data: Metals
Brookhaven National Laboratory
Project: Former Landfill

	Well ID: 097-17 Date: 10/04/01 Depth: 34			Well ID: 097-64 Date: 01/25/01 Depth: 37			Well ID: 097-64 Date: 04/11/01 Depth: 37			Well ID: 097-64 Date: 06/27/01 Depth: 37			Well ID: 097-64 Date: 10/04/01 Depth: 37		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Aluminum	132	9.54	J	122	7.6	B	37.4	7.57	B	73.1	7.28	B	104	9.54	J
Antimony	ND	5.08	U	ND	2.24	U	ND	2.65	U	ND	2.81	U	ND	5.08	U
Arsenic	ND	2.6	U	ND	2.46	U	ND	2.33	U	ND	4.06	U	ND	2.6	U
Barium	17.3	.248	B	29.9	.487	B	20.3	.162	B	22.6	1.34	B	23.9	.248	B
Beryllium	.226	.212	B	ND	.212	U	ND	.158	U	ND	.19	U	ND	.212	U
Cadmium	ND	.416	U	ND	.361	U	ND	.272	U	ND	.42	U	ND	.416	U
Calcium	4330	24.7	B	22300	8.19		6870	5		12400	8.47		11800	24.7	
Chromium	ND	.919	U	ND	.697	U	.948	.582	B	ND	.65	U	ND	.838	U
Cobalt	ND	.737	U	ND	.669	U	ND	.419	U	ND	.83	U	ND	.737	U
Copper	ND	1.02	U	ND	1.54	U	ND	.587	U	ND	1.22	U	ND	1.02	U
Iron	ND	8.32	U	117	2.37		32.9	3.27	B	17.5	3.47	B	59.2	2.24	B
Lead	ND	2.43	U	ND	2.25	U	ND	1.47	U	ND	1.98	U	ND	2.43	U
Magnesium	1780	5.14	B	2750	4.55	B	1620	3.63	B	1830	6.17	B	1720	5.14	B
Manganese	73.6	.369		19.4	.477		33	.338	*	17	.45		17.2	.369	
Mercury	ND	.064	U	ND	.048	U	ND	.057	U	ND	.057	U	ND	.064	U
Nickel	ND	1.26	U	ND	1.03	U	ND	.815	U	ND	1.37	U	ND	1.26	U
Potassium	599	18.2	B	2460	.496	B	1940	6.52	B	2030	27.4	B	2050	18.2	B
Selenium	ND	3.49	U	ND	2.37	U	ND	2.93	U	ND	2.8	U	ND	3.49	U
Silver	.688	.666	B	ND	.618	U	ND	.871	U	ND	.94	U	ND	.666	U
Sodium	4900	15	B	6390	10.6		4460	7.85	B	4060	8.63	B	5460	15	
Thallium	ND	4.93	U	ND	3.26	U	ND	3.88	U	ND	3.27	U	ND	4.93	U
Vanadium	ND	.482	U	.493	.455	B	ND	.638	U	ND	.69	U	ND	.482	U
Zinc	1.3	.491	B	1.77	.504	B	ND	.72	U	ND	.78	U	82.9	.491	

EM - 2001 Groundwater Data: Metals
Brookhaven National Laboratory
Project: Former Landfill

	Well ID: 097-277 Date: 01/25/01 Depth: 48			Well ID: 097-277 Date: 04/11/01 Depth: 48			Well ID: 097-277 Date: 06/27/01 Depth: 48			Well ID: 097-277 Date: 10/03/01 Depth: 48			Well ID: 106-02 Date: 01/25/01 Depth: 60		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Aluminum	ND	7.6	U	ND	7.57	U	14.1	7.28	B	ND	17.9	U	11.4	7.6	B
Antimony	ND	2.24	U	6.63	2.65	B	ND	2.81	U	ND	5.08	U	ND	2.24	U
Arsenic	ND	2.46	U	ND	2.33	U	ND	4.06	U	ND	2.6	U	ND	2.46	U
Barium	9.72	.487	B	13.7	.162	B	13.1	1.34	B	12.7	.248	B	9.86	.487	B
Beryllium	ND	.212	U	ND	.158	U	ND	.19	U	ND	.212	U	ND	.212	U
Cadmium	ND	.361	U	ND	.272	U	ND	.42	U	ND	.416	U	ND	.361	U
Calcium	8760	8.19		8300	5		8620	8.47		8590	24.7		10100	8.19	
Chromium	ND	.697	U	1.26	.582	B	1.46	.65	B	ND	.57	U	ND	.697	U
Cobalt	ND	.669	U	ND	.419	U	ND	.83	U	ND	.737	U	ND	.669	U
Copper	ND	1.54	U	ND	.587	U	ND	1.22	U	ND	1.02	U	8.84	1.54	B
Iron	138	2.37		168	3.27		68.4	3.47	B	89.9	2.24	B	26.1	2.37	B
Lead	ND	2.25	U	ND	1.47	U	ND	1.98	U	ND	2.43	U	ND	2.25	U
Magnesium	1600	4.55	B	2240	3.63	B	2000	6.17	B	1760	5.14	B	1640	4.55	B
Manganese	563	.477		517	.338	*	738	.45		1150	.369		4.81	.477	B
Mercury				ND	.057	U	ND	.057	U	ND	.064	U	ND	.048	U
Nickel	ND	1.03	U	ND	.815	U	ND	1.37	U	ND	1.26	U	1.23	1.03	B
Potassium	1630	.496	B	1700	6.52	B	1790	27.4	B	1830	18.2	B	790	.496	B
Selenium	ND	2.37	U	ND	2.93	U	ND	2.8	U	ND	3.49	U	ND	2.37	U
Silver	ND	.618	U	ND	.871	U	1.74	.94	B	ND	.666	U	ND	.618	U
Sodium	9570	10.6		10800	7.85		10500	8.63		10200	15		5880	10.6	
Thallium	ND	3.26	U	ND	3.88	U	ND	3.27	U	ND	4.93	U	ND	3.26	U
Vanadium	.878	.455	B	.869	.638	B	ND	.69	U	ND	.482	U	ND	.455	U
Zinc	.646	.504	B	ND	.72	U	ND	.78	U	114	.491		4.16	.504	B

EM - 2001 Groundwater Data: Metals
Brookhaven National Laboratory
Project: Former Landfill

	Well ID: 106-02 Date: 04/12/01 Depth: 60			Well ID: 106-02 Date: 06/27/01 Depth: 60			Well ID: 106-02 Date: 10/04/01 Depth: 60			Well ID: 106-30 Date: 01/25/01 Depth: 37			Well ID: 106-30 Date: 04/12/01 Depth: 37		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Aluminum	30.3	7.57	B	35.6	7.28	B	20.5	9.54	J	109	7.6	B	28.9	7.57	B
Antimony	ND	2.65	U	ND	2.81	U	ND	5.08	U	ND	2.24	U	ND	2.65	U
Arsenic	ND	2.33	U	ND	4.06	U	ND	2.6	U	ND	2.46	U	ND	2.33	U
Barium	10.4	.162	B	10.3	1.34	B	9.33	.248	B	18	.487	B	10.1	.162	B
Beryllium	ND	.158	U	ND	.19	U	ND	.212	U	ND	.212	U	ND	.158	U
Cadmium	ND	.272	U	ND	.42	U	ND	.416	U	ND	.361	U	ND	.272	U
Calcium	10500	5		9420	8.47		7730	24.7		9370	8.19		7180	5	
Chromium	ND	.582	U	ND	.65	U	ND	1.85	U	ND	.697	U	ND	.582	U
Cobalt	ND	.419	U	ND	.83	U	ND	.737	U	ND	.669	U	ND	.419	U
Copper	ND	.587	U	ND	1.22	U	ND	1.02	U	ND	1.54	U	ND	.587	U
Iron	61.5	3.27	B	12.6	3.47	B	ND	18	U	76.3	2.37	B	29.7	3.27	B
Lead	ND	1.47	U	ND	1.98	U	ND	2.43	U	ND	2.25	U	ND	1.47	U
Magnesium	1730	3.63	B	1670	6.17	B	1340	5.14	B	2960	4.55	B	2100	3.63	B
Manganese	4.59	.338	B	3.22	.45	B	2.88	.369	B	6.76	.477	B	15	.338	B
Mercury	ND	.057	U	ND	.057	U	ND	.064	U	ND	.048	U	ND	.057	U
Nickel	ND	.815	U	ND	1.37	U	ND	1.26	U	ND	1.03	U	ND	.815	U
Potassium	857	6.52	B	775	27.4	B	778	18.2	B	3050	.496	B	4150	6.52	B
Selenium	ND	2.93	U	ND	2.8	U	ND	3.49	U	ND	2.37	U	ND	2.93	U
Silver	ND	.871	U	ND	.94	U	ND	.666	U	ND	.618	U	ND	.871	U
Sodium	5620	7.85	N	5660	8.63		5720	15		10800	10.6		5700	7.85	N
Thallium	ND	3.88	U	ND	3.27	U	ND	4.93	U	ND	3.26	U	ND	3.88	U
Vanadium	ND	.638	U	ND	.69	U	ND	.482	U	.489	.455	B	ND	.638	U
Zinc	ND	.72	U	1.34	.78	B	76.8	.491		1.85	.504	B	ND	.72	U

EM - 2001 Groundwater Data: Metals
Brookhaven National Laboratory
Project: Former Landfill

	Well ID: 106-30 Date: 06/27/01 Depth: 37			Well ID: 106-30 Date: 10/04/01 Depth: 37		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Aluminum	213	7.28		946	9.54	J
Antimony	ND	2.81	U	ND	5.08	U
Arsenic	ND	4.06	U	ND	2.6	U
Barium	11.7	1.34	B	39.9	.248	B
Beryllium	ND	.19	U	ND	.212	U
Cadmium	ND	.42	U	ND	.416	U
Calcium	5180	8.47		13300	24.7	
Chromium	ND	.65	U	ND	1.88	U
Cobalt	ND	.83	U	ND	.737	U
Copper	ND	1.22	U	2.56	1.02	B
Iron	125	3.47		640	2.24	
Lead	ND	1.98	U	ND	2.43	U
Magnesium	1650	6.17	B	5270	5.14	
Manganese	33.9	.45		40.6	.369	
Mercury	ND	.057	U	ND	.064	U
Nickel	ND	1.37	U	ND	1.26	U
Potassium	3420	27.4	B	4490	18.2	B
Selenium	ND	2.8	U	ND	3.49	U
Silver	ND	.94	U	ND	.666	U
Sodium	5200	8.63		10200	15	
Thallium	ND	3.27	U	ND	4.93	U
Vanadium	ND	.69	U	1.58	.482	B
Zinc	1.57	.78	B	65.8	.491	

EM - 2001 Groundwater Data: Chemistry Parameters
Brookhaven National Laboratory
Project: Former Landfill

	Well ID:086-42 Date:01/25/01 Depth: 70			Well ID:086-42 Date:04/11/01 Depth: 70			Well ID:086-42 Date:06/27/01 Depth: 70			Well ID:086-42 Date:10/03/01 Depth: 70			Well ID:086-72 Date:01/25/01 Depth: 49		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Alkalinity (as CaCO3)	18400	725		ND	1450	U	16900	725		43400	725		5470	725	
Ammonia (as N)	ND	23.5	U	ND	23.5	U	ND	23.5	U	ND	23.5	U	ND	23.5	U
Chloride	13200	25		11300	25		12200	25		9980	25		6180	25	
Cyanide	95.4	13.8	J	ND	13.8	U	ND	2.76	U	ND	2.89	U	ND	13.8	U
Nitrate (as N)										668	10				
Nitrite (as N)										ND	9	U			
Nitrite + Nitrate-N	650	6.9		550	6.9		640	6.9					ND	6.9	U
Nitrogen	740	56.5		550	56.5		680	56.5		1360	56.5		ND	56.5	U
Residue, filterable	73000	5090		70000	5090		80000	5090		67000	5090		44000	5090	
Residue, non-filterable	ND	699	U	ND	699	U	ND	699	U	400	350	J	ND	777	U
Sulfate	14300	62		11700	62		12000	62		12400	62		10500	62	
Total Kjeldahl Nitrogen	90	56.5	J	ND	56.5	U	ND	56.5	U	540	56.5		ND	56.5	U

EM - 2001 Groundwater Data: Chemistry Parameters
Brookhaven National Laboratory
Project: Former Landfill

	Well ID:086-72 Date:04/11/01 Depth: 49			Well ID:086-72 Date:06/26/01 Depth: 47			Well ID:086-72 Date:10/03/01 Depth: 49			Well ID:087-22 Date:01/25/01 Depth: 48			Well ID:087-22 Date:04/11/01 Depth: 48		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Alkalinity (as CaCO3)	85400	1450		4700	725		10200	725		5970	725		ND	1450	U
Ammonia (as N)	ND	23.5	U	ND	23.5	U	ND	23.5	U	ND	23.5	U	ND	23.5	U
Chloride	4950	25		6310	25		6840	25		4670	25		4740	25	
Cyanide	ND	13.8	U	ND	2.76	U	ND	2.89	U	23.5	13.8	J	ND	13.8	U
Nitrate (as N)							ND	10	U						
Nitrite (as N)							ND	9	U						
Nitrite + Nitrate-N	ND	6.9	U	60	6.9					430	6.9		170	6.9	
Nitrogen	ND	56.5	U	100	56.5		270	56.5		460	56.5		170	56.5	
Residue, filterable	43000	5090		46000	5090		45000	5090		43000	5090		38000	5090	
Residue, non-filterable	ND	699	U	ND	699	U	ND	350	U	ND	699	U	ND	699	U
Sulfate	9250	62		9170	62		9110	62		10700	62		10100	62	
Total Kjeldahl Nitrogen	ND	56.5	U	ND	56.5	U	270	56.5		ND	56.5	U	ND	56.5	U

EM - 2001 Groundwater Data: Chemistry Parameters
Brookhaven National Laboratory
Project: Former Landfill

	Well ID:087-22 Date:06/26/01 Depth: 48			Well ID:087-22 Date:10/04/01 Depth: 48			Well ID:097-17 Date:01/25/01 Depth: 34			Well ID:097-17 Date:04/11/01 Depth: 34			Well ID:097-17 Date:06/27/01 Depth: 34		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Alkalinity (as CaCO3)	5170	725		96900	725	J	6470	725		ND	1450	U	5170	725	
Ammonia (as N)	ND	23.5	U	ND	23.5	U	ND	23.5	U	ND	23.5	U	ND	23.5	U
Chloride	4610	25		4600	25		8040	25		5230	25		2350	25	
Cyanide	ND	2.76	U	ND	2.89	U	ND	13.8	UJ	ND	13.8	U	ND	2.76	U
Nitrate (as N)				236	10										
Nitrite (as N)				ND	9	U									
Nitrite + Nitrate-N	140	6.9					190	6.9		ND	6.9	U	480	6.9	
Nitrogen	320	56.5		380	56.5		280	56.5		270	56.5		480	56.5	
Residue, filterable	44000	5090		39000	5090	J	47000	5090		39000	5090		39000	5090	
Residue, non-filterable	ND	699	U	800	699	J	ND	699	U	ND	699	U	ND	699	U
Sulfate	9850	62		10000	62		10800	62		10200	62		11300	62	
Total Kjeldahl Nitrogen	180	56.5		150	56.5		90	56.5	J	ND	56.5	U	ND	56.5	U

EM - 2001 Groundwater Data: Chemistry Parameters
Brookhaven National Laboratory
Project: Former Landfill

	Well ID:097-17 Date:10/04/01 Depth: 34			Well ID:097-64 Date:01/25/01 Depth: 37			Well ID:097-64 Date:04/11/01 Depth: 37			Well ID:097-64 Date:06/27/01 Depth: 37			Well ID:097-64 Date:10/04/01 Depth: 37		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Alkalinity (as CaCO3)	7650	725	J	41800	725		ND	1450	U	24400	725		43400	725	J
Ammonia (as N)	ND	23.5	U	ND	23.5	U	ND	23.5	U	ND	23.5	U	ND	23.5	U
Chloride	4230	25		6980	25		3890	25		3400	25		5290	25	
Cyanide	ND	2.89	U	27.1	13.8	J	30.2	13.8	J	ND	2.76	U	ND	2.89	U
Nitrate (as N)	520	10											621	10	
Nitrite (as N)	ND	9	U										ND	9	U
Nitrite + Nitrate-N				1260	6.9		ND	6.9	U	900	6.9				
Nitrogen	710	56.5		1410	56.5		360	56.5		940	56.5		900	56.5	
Residue, filterable	48000	5090	J	109000	5090		53000	5090		73000	5090		61000	5090	J
Residue, non-filterable	ND	360	UJ	1200	699	J	1200	699	J	ND	699	U	1200	350	J
Sulfate	11700	62		21800	62		12900	62		12600	62		15400	62	
Total Kjeldahl Nitrogen	170	56.5		150	56.5		ND	56.5	U	ND	56.5	U	160	56.5	

EM - 2001 Groundwater Data: Chemistry Parameters
Brookhaven National Laboratory
Project: Former Landfill

	Well ID:097-277 Date:01/25/01 Depth: 48			Well ID:097-277 Date:04/11/01 Depth: 48			Well ID:097-277 Date:06/27/01 Depth: 48			Well ID:097-277 Date:10/03/01 Depth: 48			Well ID:106-02 Date:01/25/01 Depth: 60		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Alkalinity (as CaCO3)	16900	725		192000	1450		11300	725		10200	725		23900	725	
Ammonia (as N)	ND	23.5	U	ND	23.5	U	ND	23.5	U	ND	23.5	U	ND	23.5	U
Chloride	12900	25		18100	25		16900	25		12100	25		6740	25	
Cyanide	ND	13.8	U	88.5	13.8	J	ND	2.76	U	9.6	2.89		28	13.8	J
Nitrate (as N)										276	10				
Nitrite (as N)										ND	9	U			
Nitrite + Nitrate-N	80	6.9		810	6.9		410	6.9					610	6.9	
Nitrogen	130	56.5		810	56.5		450	56.5		440	56.5		670	56.5	
Residue, filterable	75000	5090		84000	5090		84000	5090		70000	5090		63000	5090	
Residue, non-filterable	ND	699	U	ND	699	U	ND	699	U	ND	350	U	ND	699	U
Sulfate	15700	62		13900	62		16100	62		21500	62		8300	62	
Total Kjeldahl Nitrogen	ND	56.5	U	ND	56.5	U	ND	56.5	U	270	56.5		60	56.5	J

EM - 2001 Groundwater Data: Chemistry Parameters
Brookhaven National Laboratory
Project: Former Landfill

	Well ID:106-02 Date:04/12/01 Depth: 60			Well ID:106-02 Date:06/27/01 Depth: 60			Well ID:106-02 Date:10/04/01 Depth: 60			Well ID:106-30 Date:01/25/01 Depth: 37			Well ID:106-30 Date:04/12/01 Depth: 37		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Alkalinity (as CaCO3)	21100	1450		16900	725		38300	725	J	24400	725		23100	1450	
Ammonia (as N)	ND	23.5	U	ND	23.5	U	ND	23.5	U	ND	23.5	U	ND	23.5	U
Chloride	5810	25		6080	25		5830	25		10600	25		3950	25	
Cyanide	ND	2.76	U	ND	2.76	U	ND	2.89	U	54.9	13.8	J	ND	2.76	U
Nitrate (as N)							269	10							
Nitrite (as N)							ND	9	U						
Nitrite + Nitrate-N	700	6.9		790	6.9					260	6.9		180	6.9	
Nitrogen	700	56.5		810	56.5		450	56.5		350	56.5		180	56.5	
Residue, filterable	58000	5090		63000	5090		55000	5090	J	90000	5090		52000	5090	
Residue, non-filterable	ND	699	U	ND	699	U	ND	350	UJ	1200	699	J	ND	699	U
Sulfate	7470	62		8330	62		8870	62		19100	62		8460	62	
Total Kjeldahl Nitrogen	ND	56.5	U	ND	56.5	U	140	56.5		90	56.5	J	ND	56.5	U

EM - 2001 Groundwater Data: Chemistry Parameters
Brookhaven National Laboratory
Project: Former Landfill

	Well ID:106-30 Date:06/27/01 Depth: 37			Well ID:106-30 Date:10/04/01 Depth: 37		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Alkalinity (as CaCO3)	17400	725		12800	725	J
Ammonia (as N)	ND	23.5	U	ND	23.5	U
Chloride	3130	25		15600	25	
Cyanide	ND	2.76	U	ND	2.89	U
Nitrate (as N)				619	10	
Nitrite (as N)				ND	9	U
Nitrite + Nitrate-N	100	6.9				
Nitrogen	110	56.5		890	56.5	
Residue, filterable	53000	5090		102000	5090	J
Residue, non-filterable	2800	699	J	7300	350	J
Sulfate	8800	62		20000	62	
Total Kjeldahl Nitrogen	ND	56.5	U	130	56.5	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: Former Landfill

	Well ID: 086-42 Date: 01/25/01 Depth: 70				Well ID: 086-42 Date: 04/11/01 Depth: 70				Well ID: 086-42 Date: 06/27/01 Depth: 70			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	16.6	11.2	U	<MDL	14.9	8.43	U	<MDL	15.8	9.97	U
Beryllium-7	<MDL	18.8	11.3	U	<MDL	20.3	11.8	U	<MDL	31	17.5	U
Cesium-134	<MDL	2.15	1.37	U	<MDL	2.11	1.39	U	<MDL	2.83	1.6	U
Cesium-137	<MDL	2.33	1.24	U	<MDL	2.25	1.34	U	<MDL	3.05	1.62	U
Co-60	<MDL	2.34	1.43	U	<MDL	2.63	1.46	U	<MDL	2.75	1.47	U
Cobalt-57	<MDL	2.07	1.2	U	<MDL	2.15	1.27	U	<MDL	2.54	1.46	U
Europium-152	<MDL	6.35	3.82	U	<MDL	6.89	3.86	U	<MDL	8.46	4.94	U
Europium-154	<MDL	5.48	3.72	U	<MDL	6.73	3.65	U	<MDL	8.68	4.64	U
Europium-155	<MDL	9.33	5.26	U	<MDL	8.73	5.17	U	<MDL	10.2	5.94	U
Gross Alpha	<MDL	.556	.302	UJ	<MDL	1.66	.874	UJ	<MDL	.836	.223	UJ
Gross Beta	<MDL	1.15	.653	UJ	<MDL	3.4	1.98	UJ	<MDL	1.98	.903	UJ
Manganese-54	<MDL	1.97	1.13	U	<MDL	2.13	1.14	U	<MDL	2.79	1.57	U
Radium-226									.493	.443	.341	J-N2
									--	--	--	R
Sodium-22	<MDL	1.96	1.33	U	<MDL	2.4	1.3	U	<MDL	3.14	1.67	U
Strontium-90	<MDL	.287	.157	U	<MDL	.221	.13	UJ	<MDL	.531	.223	UJ-T
Tritium	<MDL	361	218	U	683	480	308	JN2	721	545	345	J-N2
Vanadium-48	<MDL	4.54	2.44	U	<MDL	3.16	1.69	U				
Zinc-65	<MDL	4.59	2.7	U	<MDL	4.74	2.74	U	<MDL	5.9	3.28	U

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	Well ID: 086-42 Date: 10/03/01 Depth: 70				Well ID: 086-72 Date: 01/25/01 Depth: 49				Well ID: 086-72 Date: 04/11/01 Depth: 49			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	20.3	15.7	U-DL	<MDL	16	10.3	U	<MDL	17.6	11	U
Beryllium-7	<MDL	35.8	19.5	U	<MDL	20	11.7	U	<MDL	19.5	11.5	U
Cesium-134	<MDL	2.92	1.81	U	<MDL	2.1	1.37	U	<MDL	2.07	1.29	U
Cesium-137	<MDL	3.52	1.91	U	<MDL	2.34	1.27	U	<MDL	2.27	1.27	U
Co-60	<MDL	3.07	1.73	U	<MDL	2.44	1.47	U	<MDL	2.5	1.35	U
Cobalt-57	<MDL	2.84	1.65	U	<MDL	2.18	1.24	U	<MDL	2.1	1.2	U
Europium-152	<MDL	9.12	5.45	U	<MDL	6.59	3.85	U	<MDL	6.32	3.71	U
Europium-154	<MDL	8.33	4.22	U	<MDL	6.29	3.5	U	<MDL	7.58	3.81	U
Europium-155	<MDL	11.9	6.89	U	<MDL	9.65	5.51	U	<MDL	9.44	5.32	U
Gross Alpha	<MDL	.845	.0703	U	<MDL	.565	.277	UJ	<MDL	1.44	.785	UJ
Gross Beta	<MDL	2.07	1.01	U	<MDL	.945	.577	UJ	<MDL	3.15	1.86	UJ
Manganese-54	<MDL	2.76	1.59	U	<MDL	1.72	1.17	U	<MDL	2.23	2.09	U
Radium-226												
Sodium-22	<MDL	3	1.46	U	<MDL	2.26	1.26	U	<MDL	2.71	1.36	U
Strontium-90	<MDL	.521	.258	UJ-T	<MDL	.283	.164	U	<MDL	.219	.129	UJ
Tritium	481	279	178	J	<MDL	365	203	U	<MDL	487	281	U
Vanadium-48					<MDL	3.82	2.09	U	<MDL	3.19	3.52	U
Zinc-65	<MDL	6.03	4.27	U	<MDL	4.86	2.98	U	<MDL	5.39	3.23	U

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	Well ID: 086-72 Date: 06/26/01 Depth: 47				Well ID: 086-72 Date: 10/03/01 Depth: 49				Well ID: 087-22 Date: 01/25/01 Depth: 48			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	6.22	4.08	U	<MDL	15.8	13.1	U	<MDL	11.9	7.51	U
Beryllium-7	<MDL	38.1	21.4	U	<MDL	32.9	18.8	U	<MDL	21.4	12.3	U
Cesium-134	<MDL	3.41	2.02	U	<MDL	2.95	1.92	U	<MDL	2.1	1.33	U
Cesium-137	<MDL	4.13	2.29	U	<MDL	3.19	1.6	U	<MDL	2.26	1.25	U
Co-60	<MDL	4.15	2.15	U	<MDL	3.47	2.22	U	<MDL	2.26	1.23	U
Cobalt-57	<MDL	2.48	1.45	U	<MDL	2.94	1.63	U	<MDL	1.99	1.18	U
Europium-152	<MDL	9.88	5.78	U	<MDL	9.14	5.15	U	<MDL	6.68	4.07	U
Europium-154	<MDL	10.1	6.3	U	<MDL	9.23	4.58	U	<MDL	6.09	3.57	U
Europium-155	<MDL	9.81	5.73	U	<MDL	11.4	6.49	U	<MDL	8.15	6.5	U
Gross Alpha	<MDL	1.3	.444	UJ	<MDL	1.08	.623	U	<MDL	1.03	.418	UJ
Gross Beta	<MDL	2.27	.988	UJ	<MDL	2.07	1	U	<MDL	1.68	.859	UJ
Manganese-54	<MDL	3.63	2.09	U	<MDL	3.47	1.82	U	<MDL	2.28	1.23	U
Radium-226	<MDL	.43	.256	U								
	1.22	.572	.515	J								
Sodium-22	<MDL	3.65	2.27	U	<MDL	3.31	1.64	U	<MDL	2.18	1.28	U
Strontium-90	<MDL	.496	.255	U	<MDL	.532	.254	U	<MDL	.221	.133	U
Tritium	<MDL	432	259	U	<MDL	282	166	U	<MDL	362	203	U
Vanadium-48									<MDL	3.59	2.06	U
Zinc-65	<MDL	8.13	4.76	U	<MDL	7.53	4.08	U	<MDL	4.71	3.42	U

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	Well ID: 087-22 Date: 04/11/01 Depth: 48				Well ID: 087-22 Date: 06/26/01 Depth: 48				Well ID: 087-22 Date: 10/04/01 Depth: 48			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	12.2	7.58	U	<MDL	18.6	13.1	U	<MDL	20.3	13.3	U-DL
Beryllium-7	<MDL	19.2	11.9	U	<MDL	28.7	17.6	U	<MDL	30.2	20.9	U
Cesium-134	<MDL	2.05	1.36	U	<MDL	2.54	1.44	U	<MDL	2.44	2.1	U
Cesium-137	<MDL	2.09	1.26	U	<MDL	2.82	1.5	U	<MDL	2.96	1.63	U
Co-60	<MDL	2.73	1.56	U	<MDL	3.09	1.69	U	<MDL	3.32	1.74	U
Cobalt-57	<MDL	2.05	1.18	U	<MDL	2.55	1.44	U	<MDL	2.48	1.5	U
Europium-152	<MDL	6.56	3.69	U	<MDL	7.8	4.66	U	<MDL	7.8	4.53	U
Europium-154	<MDL	7.52	4.13	U	<MDL	8.37	4.82	U	<MDL	9.06	4.6	U
Europium-155	<MDL	8.38	4.85	U	<MDL	10.3	6	U	<MDL	10.4	6.29	U
Gross Alpha	<MDL	1.73	.822	UJ	<MDL	1.03	.377	UJ	<MDL	.719	.368	UJ
Gross Beta	<MDL	3.14	1.87	UJ	<MDL	2.25	1.02	UJ	<MDL	1.59	.829	UJ
Manganese-54	<MDL	2.22	1.32	U	<MDL	2.87	1.61	U	<MDL	2.84	1.59	U
Radium-226					.977	.342	.437	J				
					.993	.292	.404	A				
Sodium-22	<MDL	2.69	1.48	U	<MDL	3.02	1.65	U	<MDL	3.26	1.66	U
Strontium-90	<MDL	.265	.158	UJ	<MDL	.487	.251	U	<MDL	.447	.215	UJ-T
Tritium	<MDL	496	278	U	<MDL	422	241	U	<MDL	420	243	U
Vanadium-48	<MDL	2.96	1.69	U								
Zinc-65	<MDL	4.75	2.79	U	<MDL	5.96	3.31	U	<MDL	6.29	3.63	U

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	Well ID: 097-17 Date: 01/25/01 Depth: 34				Well ID: 097-17 Date: 04/11/01 Depth: 34				Well ID: 097-17 Date: 06/27/01 Depth: 34			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	16.9	11	U	<MDL	11.8	7.61	U	<MDL	7.13	4.43	U
Beryllium-7	<MDL	19.8	11.4	U	<MDL	20.1	11.3	U	<MDL	44	61.8	U
Cesium-134	<MDL	2.02	1.13	U	<MDL	2.02	1.31	U	<MDL	3.37	2.18	U
Cesium-137	<MDL	2.2	2.39	U	<MDL	2.34	1.32	U	<MDL	4.65	2.56	U
Co-60	<MDL	2.75	1.42	U	<MDL	2.33	1.24	U	<MDL	3.8	2.03	U
Cobalt-57	<MDL	2.09	1.19	U	<MDL	1.98	1.14	U	<MDL	2.72	1.55	U
Europium-152	<MDL	6.77	3.8	U	<MDL	6.7	4.03	U	<MDL	10.5	6.33	U
Europium-154	<MDL	6.41	3.74	U	<MDL	6.51	3.95	U	<MDL	12.5	6.23	U
Europium-155	<MDL	9.53	5.41	U	<MDL	8.44	5.41	U	<MDL	11.1	6.38	U
Gross Alpha	<MDL	.73	.357	U	<MDL	1.77	.968	UJ	<MDL	.866	.53	UJ
Gross Beta	1.64	1.63	.867	J-N2	<MDL	2.83	1.75	UJ	<MDL	1.99	.831	UJ
Manganese-54	<MDL	2.09	1.26	U	<MDL	2.12	1.21	U	<MDL	3.95	2.41	U
Radium-226									.838	.476	.432	J-N2
Sodium-22	<MDL	2.3	1.34	U	<MDL	2.32	1.41	U	<MDL	4.65	2.24	U
Strontium-90	<MDL	.28	.169	U	<MDL	.226	.137	UJ	<MDL	.484	.213	U
Tritium	<MDL	354	194	U	<MDL	480	271	U	<MDL	541	306	U
Vanadium-48	<MDL	4.35	2.36	U	<MDL	3.16	1.71	U				
Zinc-65	<MDL	4.52	3.04	U	<MDL	5.19	3.06	U	<MDL	8.64	4.68	U

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	Well ID: 097-17 Date: 10/04/01 Depth: 34				Well ID: 097-64 Date: 01/25/01 Depth: 37				Well ID: 097-64 Date: 04/11/01 Depth: 37			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	17.1	10	U	<MDL	13.7	8.94	U	<MDL	14.9	8.54	U
Beryllium-7	<MDL	31.1	16.8	U	<MDL	21.5	12.4	U	<MDL	20	11.5	U
Cesium-134	<MDL	2.38	1.42	U	<MDL	2.13	1.38	U	<MDL	2.15	1.36	U
Cesium-137	<MDL	2.57	1.62	U	<MDL	2.43	1.31	U	<MDL	2.25	1.33	U
Co-60	3.83	2.84	2.52	J-IN2	<MDL	2.3	1.29	U	<MDL	2.42	1.34	U
Cobalt-57	<MDL	2.4	1.35	U	<MDL	2.14	1.31	U	<MDL	2.07	1.38	U
Europium-152	<MDL	7.69	4.39	U	<MDL	7.21	4.16	U	<MDL	6.91	3.78	U
Europium-154	<MDL	7.79	4.22	U	<MDL	7.18	3.69	U	<MDL	5.21	4.23	U
Europium-155	<MDL	9.3	5.39	U	<MDL	9.36	5.65	U	<MDL	8.96	5.19	U
Gross Alpha	<MDL	.745	.365	UJ	<MDL	.719	.462	U	<MDL	1.01	.698	UJ
Gross Beta	<MDL	1.41	.723	UJ	9	1.64	1.24		3.67	2.72	1.74	J-N2
Manganese-54	<MDL	2.83	1.51	U	<MDL	2.25	1.32	U	<MDL	2.42	1.28	U
Radium-226												
Sodium-22	<MDL	2.81	1.52	U	<MDL	2.57	1.32	U	<MDL	1.86	1.5	U
Strontium-90	<MDL	.432	.23	UJ-T	3.19	.236	.227		1	.304	.206	J
Tritium	<MDL	422	248	U	<MDL	361	204	U	<MDL	482	275	U
Vanadium-48					<MDL	4.45	2.92	U	<MDL	2.81	1.66	U
Zinc-65	<MDL	5.7	3.24	U	<MDL	5.54	2.91	U	<MDL	4.82	2.84	U

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Project: Former Landfill

	Well ID: 097-64 Date: 06/27/01 Depth: 37				Well ID: 097-64 Date: 10/04/01 Depth: 37				Well ID: 097-277 Date: 01/25/01 Depth: 48			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	19.7	12.5	U	<MDL	17.8	12	U	<MDL	16.4	10.3	U
Beryllium-7	<MDL	28.5	17.5	U	<MDL	27.7	16.6	U	<MDL	21.8	12.5	U
Cesium-134	<MDL	2.77	1.71	U	<MDL	2.56	1.45	U	<MDL	2.37	1.26	U
Cesium-137	<MDL	3.19	1.79	U	<MDL	2.65	1.44	U	<MDL	2.42	1.32	U
Co-60	<MDL	2.82	1.64	U	<MDL	2.62	1.35	U	<MDL	3.17	1.77	U
Cobalt-57	<MDL	2.65	1.49	U	<MDL	2.22	1.5	U	<MDL	2.11	1.22	U
Europium-152	<MDL	8.06	4.82	U	<MDL	6.88	4.28	U	<MDL	7.13	4.26	U
Europium-154	<MDL	6.93	4.71	U	<MDL	6.64	3.9	U	<MDL	8.13	3.88	U
Europium-155	<MDL	11.1	6.28	U	<MDL	9.97	6.3	U	<MDL	9.1	7.55	U
Gross Alpha	<MDL	.726	.266	UJ	<MDL	.756	.248	UJ	<MDL	.486	.281	UJ
Gross Beta	5.64	1.84	1.11	J	5.25	1.45	1.01	J	2.04	.979	.631	J
Manganese-54	<MDL	2.65	1.52	U	<MDL	2.48	1.51	U	<MDL	2.46	1.35	U
Radium-226	.458	.427	.336	J-N2								
	--	--	--	R								
Sodium-22	<MDL	2.49	1.69	U	<MDL	2.39	1.35	U	<MDL	2.91	1.39	U
Strontium-90	1.71	.592	.382	J-T	1.42	.352	.246	J-T	<MDL	.258	.152	U
Tritium	<MDL	548	307	U	<MDL	408	235	U	<MDL	359	203	U
Vanadium-48									<MDL	5.08	2.78	U
Zinc-65	<MDL	6.05	3.35	U	<MDL	5.11	3.21	U	<MDL	4.83	2.73	U

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	Well ID: 097-277 Date: 04/11/01 Depth: 48				Well ID: 097-277 Date: 06/27/01 Depth: 48				Well ID: 097-277 Date: 10/03/01 Depth: 48			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	19.8	12.1	U	<MDL	17.1	10	U	<MDL	20.7	12.8	U-DL
Beryllium-7	<MDL	21.1	15.2	U	<MDL	28.8	17.4	U	<MDL	30.4	16.9	U
Cesium-134	<MDL	2.08	1.42	U	<MDL	2.72	1.83	U	<MDL	2.36	1.46	U
Cesium-137	<MDL	2.13	1.47	U	<MDL	3.22	1.79	U	<MDL	2.92	1.68	U
Co-60	<MDL	2.15	1.21	U	<MDL	2.67	1.62	U	<MDL	3.29	1.77	U
Cobalt-57	<MDL	2.17	1.48	U	<MDL	2.71	1.59	U	<MDL	2.86	1.61	U
Europium-152	<MDL	6.93	3.96	U	<MDL	8.41	4.81	U	<MDL	8.74	4.97	U
Europium-154	<MDL	6.34	3.65	U	<MDL	8.05	4.87	U	<MDL	9.23	5.4	U
Europium-155	<MDL	9.5	6.34	U	<MDL	11.6	6.49	U	<MDL	11.2	6.61	U
Gross Alpha	<MDL	1.67	.916	UJ	<MDL	1.47	.556	UJ	<MDL	1.29	.664	U
Gross Beta	<MDL	3.4	2.02	UJ	2.53	2.17	1.05	J-N2	2.26	2.08	1.13	J
Manganese-54	<MDL	2.26	1.29	U	<MDL	2.74	1.53	U	<MDL	3.11	1.61	U
Radium-226					.831	.47	.397	J-N2				
Sodium-22	<MDL	2.26	1.3	U	<MDL	2.91	1.76	U	<MDL	3.31	1.97	U
Strontium-90	<MDL	.239	.142	UJ	<MDL	.578	.257	UJ-T	<MDL	.594	.27	UJ
Tritium	<MDL	483	290	U	<MDL	553	322	U	<MDL	419	244	U
Vanadium-48	<MDL	3.31	1.77	U								
Zinc-65	<MDL	4.76	3.25	U	<MDL	6.55	3.85	U	<MDL	6.61	3.9	U

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Project: Former Landfill

	Well ID: 106-02 Date: 01/25/01 Depth: 60				Well ID: 106-02 Date: 04/12/01 Depth: 60				Well ID: 106-02 Date: 06/27/01 Depth: 60			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	11.4	7.26	U	<MDL	19.1	12	U	<MDL	15.1	8.63	U
Beryllium-7	<MDL	22	11.8	U	<MDL	17	10.1	U	<MDL	30.1	21.6	U
Cesium-134	<MDL	1.92	1.22	U	<MDL	1.88	1.21	U	<MDL	2.75	2.06	U
Cesium-137	<MDL	2.24	1.21	U	<MDL	2.6	1.36	U	<MDL	2.58	1.49	U
Co-60	<MDL	2.47	1.37	U	<MDL	2.71	1.42	U	<MDL	2.99	1.57	U
Cobalt-57	<MDL	1.88	1.37	U	<MDL	2.22	1.28	U	<MDL	2.44	1.41	U
Europium-152	<MDL	6.41	3.74	U	<MDL	6.74	3.95	U	<MDL	8.2	4.6	U
Europium-154	<MDL	6.03	3.36	U	<MDL	7.25	4.11	U	<MDL	8.65	4.52	U
Europium-155	<MDL	7.26	4.71	U	<MDL	9.43	5.39	U	<MDL	9.95	5.75	U
Gross Alpha	<MDL	1.06	.585	U	<MDL	1.18	.757	UJ	<MDL	1.57	.633	UJ
Gross Beta	6.33	1.81	1.17		<MDL	3.82	2.21	UJ	<MDL	2.14	.883	UJ
Manganese-54	<MDL	2.15	1.23	U	<MDL	2.3	1.27	U	<MDL	3.15	1.68	U
Radium-226									.858	.513	.433	J-N2
Sodium-22	<MDL	2.16	1.2	U	<MDL	2.58	1.47	U	<MDL	3.11	1.63	U
Strontium-90	<MDL	.258	.154	U	<MDL	.43	.204	U	<MDL	.432	.184	U
Tritium	<MDL	355	198	U	<MDL	426	224	U	<MDL	553	313	U
Vanadium-48	<MDL	3.95	2.22	U	<MDL	2.65	1.59	U				
Zinc-65	<MDL	5.26	3.4	U	<MDL	4.88	3.23	U	<MDL	6.72	3.5	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: Former Landfill

	Well ID: 106-02 Date: 10/04/01 Depth: 60				Well ID: 106-30 Date: 01/25/01 Depth: 37				Well ID: 106-30 Date: 04/12/01 Depth: 37			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	5.04	2.99	U	<MDL	13.9	9.43	U	<MDL	12.9	7.11	U
Beryllium-7	<MDL	29.7	16.8	U	<MDL	19.4	10.9	U	<MDL	17.8	10.1	U
Cesium-134	<MDL	2.62	1.61	U	<MDL	1.94	1.3	U	<MDL	2.18	1.36	U
Cesium-137	<MDL	3.22	1.7	U	<MDL	2.36	1.28	U	<MDL	2.1	1.22	U
Co-60	<MDL	3.23	1.81	U	<MDL	2.38	1.74	U	<MDL	2.54	1.38	U
Cobalt-57	<MDL	2.06	1.28	U	<MDL	1.87	1.19	U	<MDL	1.92	1.14	U
Europium-152	<MDL	8.1	4.65	U	<MDL	6.49	3.91	U	<MDL	6.29	3.56	U
Europium-154	<MDL	7.16	3.85	U	<MDL	6.66	3.6	U	<MDL	6.07	3.68	U
Europium-155	<MDL	7.93	4.88	U	<MDL	8.15	5.22	U	<MDL	8.35	4.8	U
Gross Alpha	<MDL	.894	.427	UJ	<MDL	.916	.411	U	<MDL	1.26	.659	UJ
Gross Beta	<MDL	1.84	.87	UJ	4.68	1.56	1		4.27	2.19	1.41	J
Manganese-54	<MDL	3.13	1.76	U	<MDL	2.27	1.31	U	<MDL	2.37	1.61	U
Radium-226												
Sodium-22	<MDL	2.58	1.39	U	<MDL	2.39	1.29	U	<MDL	2.16	1.31	U
Strontium-90	<MDL	.42	.211	U	.383	.214	.137	J	<MDL	.591	.286	UJ
Tritium	<MDL	408	236	U	<MDL	361	204	U	<MDL	461	256	U
Vanadium-48					<MDL	3.83	2.39	U	<MDL	2.7	1.5	U
Zinc-65	<MDL	6.64	4.17	U	<MDL	4.32	2.98	U	<MDL	4.83	2.8	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: Former Landfill

	Well ID: 106-30 Date: 06/27/01 Depth: 37				Well ID: 106-30 Date: 10/04/01 Depth: 37			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	18.5	12.1	U	<MDL	18.3	12.5	U
Beryllium-7	<MDL	21.5	12.3	U	<MDL	27.7	16.3	U
Cesium-134	<MDL	2	1.17	U	<MDL	2.54	1.33	U
Cesium-137	4.88	3.23	1.65	J-I	<MDL	2.97	1.51	U
Co-60	<MDL	2.42	1.31	U	<MDL	2.86	1.59	U
Cobalt-57	<MDL	1.97	1.1	U	<MDL	2.33	1.31	U
Europium-152	<MDL	6.55	3.87	U	<MDL	7.32	4.24	U
Europium-154	<MDL	6.67	3.59	U	<MDL	7.76	4.09	U
Europium-155	<MDL	8.42	4.6	U	<MDL	9.83	5.7	U
Gross Alpha	<MDL	.792	.302	UJ	<MDL	1.07	.628	UJ
Gross Beta	5.48	1.73	1.06	J	7.18	1.47	1.13	J
Manganese-54	<MDL	2	1.16	U	<MDL	2.92	1.5	U
Radium-226	.496	.364	.336	J-N2				
Sodium-22	<MDL	2.41	1.29	U	<MDL	2.79	1.47	U
Strontium-90	.583	.449	.249	J-N2	.679	.513	.284	J
Tritium	<MDL	548	309	U	<MDL	421	256	U
Vanadium-48								
Zinc-65	<MDL	4.69	2.76	U	<MDL	5.99	3.23	U

OU III (OFFSITE)

ANALYTICAL RESULTS

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Off-site)

	Well ID:000-97 Date:03/09/01 Depth: 294			Well ID:000-97 Date:05/24/01 Depth: 294			Well ID:000-97 Date:08/14/01 Depth: 294		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.28	.5	J	ND	.5	U	.26	.5	J
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	2	.5		1.9	.5		1.7	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.61	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	.27	.5	J	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	2.28	0		2.17	0		1.96	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Off-site)

	Well ID:000-97 Date:10/31/01 Depth: 294			Well ID:000-98 Date:03/09/01 Depth: 200			Well ID:000-98 Date:05/24/01 Depth: 200		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.34	.5	J	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.7	.5		1.5	.5		1.3	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	.9	.5		ND	.74	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.32	.5	J	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	3.26	0		1.5	0		1.3	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Off-site)

	Well ID:000-98 Date:08/14/01 Depth: 200			Well ID:000-98 Date:10/31/01 Depth: 200			Well ID:000-99 Date:03/09/01 Depth: 88		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.6	.5		1.2	.5		.37	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	.75	.5		ND	1.1	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.6	0		1.95	0		.37	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Off-site)

	Well ID:000-99 Date:05/24/01 Depth: 88			Well ID:000-99 Date:08/14/01 Depth: 88			Well ID:000-99 Date:10/31/01 Depth: 88		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.43	.5	J	.38	.5	J	.43	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	.81	.5	
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.43	0		.38	0		1.24	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Off-site)

	Well ID:000-101 Date:02/28/01 Depth: 195			Well ID:000-101 Date:05/21/01 Depth: 195			Well ID:000-101 Date:08/14/01 Depth: 195		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.9	.5		1.9	.5		2.3	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	1.6	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	.35	.5	J	ND	.6	U	.48	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	2.25	0		1.9	0		2.78	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Off-site)

	Well ID:000-101 Date:10/30/01 Depth: 195			Well ID:000-102 Date:02/28/01 Depth: 315			Well ID:000-102 Date:05/21/01 Depth: 315		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	2.6	.5		ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	1.4	.5		ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	.52	.5		ND	.54	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	4	0		.52	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Off-site)

	Well ID:000-102 Date:08/14/01 Depth: 315			Well ID:000-102 Date:10/30/01 Depth: 315			Well ID:000-104 Date:02/28/01 Depth: 205		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	.8	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	.33	.5	J
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	9.4	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	.77	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	2.5	U	.72	.5		ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	.25	.5	J
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	.46	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	28.4	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		.72	0		42.84	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Off-site)

	Well ID:000-104 Date:05/24/01 Depth: 205			Well ID:000-104 Date:08/14/01 Depth: 205			Well ID:000-104 Date:10/30/01 Depth: 205		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	2.4	.5		3	.5		4	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	1.3	.5		1.8	.5		2.4	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	.34	.5	J
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	18.5	.5		19.7	.5		25.4	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.1	.5		1.1	.5		1.6	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	.28	.5	J	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	41.9	.5		53.8	.5		66.4	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	65.48	0		79.4	0		100.14	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Off-site)

	Well ID:000-105 Date:02/28/01 Depth: 285			Well ID:000-105 Date:05/24/01 Depth: 285			Well ID:000-105 Date:08/14/01 Depth: 285		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.34	.5	J	.32	.5	J	.5	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	1.2	.5		.79	.5		1.1	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.47	.5	J	.46	.5	J	.59	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	.41	.5	J	.27	.5	J	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	2.1	.5		1.3	.5		2.2	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	4.52	0		3.14	0		4.39	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Off-site)

	Well ID:000-105 Date:10/30/01 Depth: 285			Well ID:000-107 Date:03/09/01 Depth: 205			Well ID:000-107 Date:05/24/01 Depth: 205		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.53	.5		ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	.96	.5		ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.65	.5		1.2	.5		1.2	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	.31	.5	J	ND	1	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	2.5	.5		ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	4.95	0		1.2	0		1.2	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Off-site)

	Well ID:000-107 Date:08/14/01 Depth: 220			Well ID:000-107 Date:10/31/01 Depth: 205			Well ID:000-131 Date:02/28/01 Depth: 225		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	5.7	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	2.9	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	.31	.5	J
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	97	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.1	.5		1.2	.5		1.8	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	.84	.5		ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	.5	.5	
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	42.1	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.1	0		ND	0	U	150.31	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Off-site)

	Well ID:000-131 Date:05/21/01 Depth: 225			Well ID:000-131 Date:08/14/01 Depth: 235			Well ID:000-131 Date:10/30/01 Depth: 225		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	7.2	.5		5.7	.5		6.2	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	3.7	.5		3.2	.5		3.8	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	.37	.5	J	.3	.5	J	.34	.5	J
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	113	1	D	89	.5		58.4	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.9	.5		1.6	.5		1.5	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	.51	.5	
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	25.3	.5		30.5	.5		47.8	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	151.47	0		130.3	0		118.55	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Off-site)

	Well ID:800-21 Date:02/28/01 Depth: 212			Well ID:800-21 Date:05/23/01 Depth: 212			Well ID:800-21 Date:08/14/01 Depth: 212		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.62	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	.48	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		0	0		.48	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Off-site)

	Well ID:800-21 Date:11/05/01 Depth: 212			Well ID:800-22 Date:02/28/01 Depth: 115			Well ID:800-22 Date:05/23/01 Depth: 115		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	.48	.5	J	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	.34	.5	J	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	1.1	.5		ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		1.92	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Off-site)

	Well ID:800-22 Date:08/14/01 Depth: 115			Well ID:800-22 Date:11/05/01 Depth: 115			Well ID:800-23 Date:02/28/01 Depth: 41		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.92	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	.48	.5	J	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.42	0		0	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Off-site)

	Well ID:800-23 Date:05/23/01 Depth: 41			Well ID:800-23 Date:08/14/01 Depth: 41			Well ID:800-23 Date:11/05/01 Depth: 41		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	.68	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.95	U	.52	.5	
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	.46	.5	J	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		.46	0		1.2	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Off-site)

	Well ID:800-40 Date:02/28/01 Depth: 176			Well ID:800-40 Date:05/24/01 Depth: 176			Well ID:800-40 Date:08/14/01 Depth: 176		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.7	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	.26	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		0	0		.26	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Off-site)

	Well ID:800-40 Date:11/05/01 Depth: 176			Well ID:800-41 Date:02/28/01 Depth: 213			Well ID:800-41 Date:05/24/01 Depth: 213		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	.26	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		0	0		.26	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Off-site)

	Well ID:800-41 Date:08/14/01 Depth: 213			Well ID:800-41 Date:11/05/01 Depth: 213			Well ID:800-43 Date:03/09/01 Depth: 157		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	1.7	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	.57	.5	
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	.34	.5	J
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	.99	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.82	U	.91	.5		ND	.79	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	1.1	.5		ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	.32	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.1	0		.91	0		3.92	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Off-site)

	Well ID:800-43 Date:05/24/01 Depth: 157			Well ID:800-43 Date:08/14/01 Depth: 157			Well ID:800-43 Date:10/30/01 Depth: 157		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	2.2	.5		2.9	.5		2.7	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	.78	.5		.76	.5		.73	.5	
1,1-Dichloroethylene	.46	.5	J	.6	.5		.6	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1	.5		1.1	.5		1	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	.78	.5	
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.33	.5	J	.41	.5	J	.34	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	4.77	0		5.77	0		6.15	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Off-site)

	Well ID:800-44 Date:03/09/01 Depth: 212			Well ID:800-44 Date:05/24/01 Depth: 212			Well ID:800-44 Date:08/21/01 Depth: 212		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.55	.5		.83	.5		.98	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.82	.5		.93	.5		1	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.87	U	ND	.5	U	.68	.5	
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.37	0		1.76	0		2.99	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Off-site)

	Well ID:800-44 Date:10/30/01 Depth: 212			Well ID:800-50 Date:03/09/01 Depth: 205			Well ID:800-50 Date:05/24/01 Depth: 205		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.93	.5		ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.95	.5		.58	.5		.59	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	.69	.5		ND	.79	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	.28	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	2.57	0		.79	0		.87	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Off-site)

	Well ID:800-50 Date:08/14/01 Depth: 205			Well ID:800-50 Date:11/05/01 Depth: 205			Well ID:800-51 Date:02/28/01 Depth: 75		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.57	.5		.58	.5		ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.8	U	.42	.5	J	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	.44	.5	J	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.01	0		1	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Off-site)

	Well ID:800-51 Date:05/24/01 Depth: 75			Well ID:800-51 Date:08/14/01 Depth: 75			Well ID:800-51 Date:10/31/01 Depth: 75		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	1.5	U	.57	.5	
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		1.5	0		.57	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Off-site)

	Well ID:800-52 Date:02/28/01 Depth: 150			Well ID:800-52 Date:05/24/01 Depth: 150			Well ID:800-52 Date:08/14/01 Depth: 150		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.54	.5		.68	.5		.64	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.58	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	.26	.5	J	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.27	.5	J	.25	.5	J	.36	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.81	0		1.19	0		1.58	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Off-site)

	Well ID:800-52 Date:10/31/01 Depth: 150			Well ID:800-53 Date:02/28/01 Depth: 200			Well ID:800-53 Date:05/24/01 Depth: 200		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.55	.5		ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	.27	.5	J	ND	.5	U	ND	.5	U
Methylene chloride	.8	.5		ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	.28	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.62	0		0	0		.28	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Off-site)

	Well ID:800-53 Date:08/14/01 Depth: 200			Well ID:800-53 Date:10/31/01 Depth: 200		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	.99	.5	
n-Butylbenzene	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U
TVOC	0	0		.99	0	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (Off-site)

	Well ID: 000-97 Date: 05/24/01 Depth: 294				Well ID: 000-98 Date: 05/24/01 Depth: 200				Well ID: 000-99 Date: 05/24/01 Depth: 88			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	5.79	3.71	U	<MDL	20.9	14.2	U-DL	<MDL	12.5	7.92	U
Beryllium-7	<MDL	38.8	22.2	U	<MDL	31.3	18.3	U	<MDL	29.4	17.3	U
Cesium-134	<MDL	3.9	2.36	U	<MDL	2.8	2.11	U	<MDL	2.66	1.69	U
Cesium-137	<MDL	4.21	2.41	U	4.45	2.88	2.91	N2	<MDL	2.75	1.61	U
Co-60	<MDL	4.38	2.4	U	<MDL	3.24	1.81	U	<MDL	3.32	1.89	U
Cobalt-57	<MDL	2.36	1.4	U	<MDL	2.42	1.44	U	<MDL	2.21	1.28	U
Europium-152	<MDL	9.85	5.81	U	<MDL	8.14	4.89	U	8.9	7.99	7.35	IN2
Europium-154	<MDL	11.5	7.17	U	<MDL	8.09	5.02	U	<MDL	9.46	5.14	U
Europium-155	<MDL	9.35	5.48	U	<MDL	9.74	5.83	U	<MDL	9.33	5.34	U
Gross Alpha	<MDL	2.34	1.08	UJ-DL	<MDL	1.34	.774	UJ	<MDL	1.74	.509	UJ
Gross Beta	<MDL	2.79	1.27	UJ	<MDL	2.41	1.13	UJ	<MDL	2.53	1.29	UJ
Manganese-54	<MDL	4.2	2.47	U	<MDL	3.22	1.97	U	<MDL	2.97	1.73	U
Sodium-22	<MDL	4.14	2.58	U	<MDL	2.91	1.8	U	<MDL	3.4	1.85	U
Tritium	<MDL	453	262	U	<MDL	460	266	U	<MDL	457	261	U
Vanadium-48	<MDL	13	7.21	U-DL	<MDL	8.91	4.97	U	<MDL	8.25	6.79	U
Zinc-65	<MDL	8.71	5.87	U	<MDL	6.73	4.56	U	<MDL	6.92	3.87	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (Off-site)

	Well ID: 000-101 Date: 05/21/01 Depth: 195				Well ID: 000-102 Date: 05/21/01 Depth: 315				Well ID: 000-104 Date: 05/24/01 Depth: 205			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	14.9	8.8	U	<MDL	14.4	10	U	<MDL	19.2	11.4	U
Beryllium-7	<MDL	26.9	15.3	U	<MDL	27.7	15	U	<MDL	24.4	13.8	U
Cesium-134	<MDL	2.55	1.56	U	<MDL	2.63	2.04	U	<MDL	2.12	1.47	U
Cesium-137	<MDL	2.37	1.64	U	<MDL	2.84	1.65	U	<MDL	2.45	1.4	U
Co-60	<MDL	2.93	1.73	U	<MDL	3.17	1.5	U	<MDL	2.08	1.22	U
Cobalt-57	<MDL	2.43	1.4	U	<MDL	2.33	1.95	U	<MDL	2.11	1.26	U
Europium-152	<MDL	7.94	4.52	U	<MDL	7.38	4.31	U	<MDL	6.89	3.98	U
Europium-154	<MDL	8.99	4.54	U	<MDL	7.69	4.23	U	<MDL	6.6	4.03	U
Europium-155	<MDL	10.3	5.89	U	<MDL	9.95	5.65	U	<MDL	8.8	5.33	U
Gross Alpha	<MDL	1.49	.728	UJ	<MDL	1.67	.589	UJ	<MDL	1.82	.844	UJ
Gross Beta	<MDL	3.14	1.39	UJ	<MDL	2.45	1.1	UJ	<MDL	2.67	1.23	UJ
Manganese-54	<MDL	2.61	1.37	U	<MDL	2.65	1.44	U	<MDL	2.16	1.17	U
Sodium-22	<MDL	3.22	1.63	U	<MDL	2.76	1.52	U	<MDL	2.38	1.45	U
Tritium	<MDL	384	225	U	<MDL	388	225	U	<MDL	451	269	U
Vanadium-48	<MDL	5.69	3.37	U	<MDL	6.44	3.42	U	<MDL	6.91	3.64	U
Zinc-65	<MDL	5.66	3.17	U	<MDL	5.12	3.35	U	<MDL	5.23	3.14	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (Off-site)

	Well ID: 000-105 Date: 05/24/01 Depth: 285				Well ID: 000-107 Date: 05/24/01 Depth: 205				Well ID: 000-131 Date: 05/21/01 Depth: 225			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	15	8.75	U	<MDL	12.8	8.24	U	<MDL	14.4	8.01	U
Beryllium-7	<MDL	30.8	17.8	U	<MDL	30.5	17.4	U	<MDL	25.5	14.7	U
Cesium-134	<MDL	2.72	1.89	U	<MDL	2.71	1.62	U	<MDL	2.28	1.39	U
Cesium-137	<MDL	2.87	1.74	U	<MDL	2.99	1.76	U	<MDL	2.57	1.46	U
Co-60	<MDL	3.31	1.97	U	<MDL	3.63	1.89	U	<MDL	2.73	1.46	U
Cobalt-57	<MDL	2.46	1.43	U	<MDL	2.18	1.27	U	<MDL	2.24	1.29	U
Europium-152	<MDL	8.59	4.88	U	<MDL	8.14	4.99	U	<MDL	7.72	4.31	U
Europium-154	<MDL	8.41	4.93	U	<MDL	9.37	6.76	U	<MDL	7.89	5.16	U
Europium-155	<MDL	9.67	5.6	U	<MDL	9.12	5.24	U	<MDL	9.2	5.3	U
Gross Alpha	<MDL	1.65	.57	UJ	<MDL	1.6	.626	UJ	<MDL	1.17	.471	UJ
Gross Beta	<MDL	3	1.36	UJ	<MDL	3.1	1.25	UJ	<MDL	2.51	1.08	UJ
Manganese-54	<MDL	2.97	1.71	U	<MDL	2.94	1.75	U	<MDL	2.51	1.48	U
Sodium-22	<MDL	3.03	1.77	U	<MDL	3.2	2.43	U	<MDL	2.84	1.85	U
Tritium	<MDL	463	271	U	<MDL	463	266	U	<MDL	396	219	U
Vanadium-48	<MDL	8.42	4.86	U	<MDL	8.74	5.19	U	<MDL	6.38	3.48	U
Zinc-65	<MDL	6.62	4.09	U	<MDL	6.54	3.56	U	<MDL	6.21	3.49	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (Off-site)

	Well ID: 800-21 Date: 05/23/01 Depth: 212				Well ID: 800-22 Date: 05/23/01 Depth: 115				Well ID: 800-23 Date: 05/23/01 Depth: 41			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	17.7	10.4	U	<MDL	13	8.08	U	<MDL	13.1	7.43	U
Beryllium-7	<MDL	25.7	14.9	U	<MDL	23.9	13.5	U	<MDL	24.4	13.5	U
Cesium-134	<MDL	2.8	1.89	U	<MDL	2.99	1.73	U	<MDL	2.76	1.91	U
Cesium-137	<MDL	3.18	2.08	U	<MDL	3.22	1.81	U	--	--	--	R-N4
Co-60	<MDL	3.83	2.07	U	<MDL	3.66	1.88	U	<MDL	2.9	1.83	U
Cobalt-57	<MDL	2.19	1.28	U	<MDL	2.18	1.27	U	<MDL	2.18	1.26	U
Europium-152	<MDL	8.56	5.1	U	<MDL	8.36	4.99	U	<MDL	8.15	4.62	U
Europium-154	<MDL	8.61	4.84	U	<MDL	8.85	5.28	U	<MDL	9.6	5.03	U
Europium-155	<MDL	9.19	5.32	U	<MDL	8.77	5.1	U	<MDL	8.89	5.2	U
Gross Alpha	<MDL	1.68	.774	U	1.34	1.13	.773	J-N2	<MDL	2.13	.837	UJDL
Gross Beta	<MDL	2.22	.997	U	<MDL	2.07	.888	U	<MDL	2.42	1.15	UJ
Manganese-54	<MDL	3.04	1.8	U	<MDL	2.95	1.77	U	<MDL	2.91	1.77	U
Sodium-22	<MDL	3.07	1.73	U	<MDL	3.15	1.88	U	<MDL	3.42	1.79	U
Tritium	<MDL	896	511	U	<MDL	875	500	U	<MDL	891	521	U
Vanadium-48	<MDL	4.3	2.39	U	<MDL	3.52	1.78	U	<MDL	3.53	1.94	U
Zinc-65	<MDL	7.09	3.74	U	<MDL	6.07	3.68	U	<MDL	6.26	4	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (Off-site)

	Well ID: 800-23 Date: 05/23/01 Depth: 41				Well ID: 800-40 Date: 05/24/01 Depth: 176				Well ID: 800-41 Date: 05/24/01 Depth: 213			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	18.2	11.1	U	<MDL	14.5	9.27	U	<MDL	19.1	12.1	U
Beryllium-7	<MDL	66	42	U	<MDL	36.8	20.3	U	<MDL	36.3	20.7	U
Cesium-134	<MDL	2.91	1.94	U	<MDL	3.31	2.27	U	<MDL	3.13	2.23	U
Cesium-137	<MDL	3.46	1.87	U	<MDL	3.88	2.07	U	<MDL	3.5	2.06	U
Co-60	<MDL	3.17	1.56	U	<MDL	4.1	2.22	U	<MDL	4.24	2.21	U
Cobalt-57	<MDL	2.65	1.52	U	<MDL	2.59	1.55	U	<MDL	2.73	1.63	U
Europium-152	<MDL	8.24	4.94	U	<MDL	10.1	5.38	U	<MDL	9.78	5.56	U
Europium-154	<MDL	8.08	4.34	U	<MDL	9.98	5.56	U	<MDL	11.5	6.23	U
Europium-155	<MDL	10.7	8.31	U	<MDL	10.5	5.98	U	<MDL	11.2	6.5	U
Gross Alpha					<MDL	2	.683	U	<MDL	1.46	.787	U
Gross Beta					<MDL	2.97	1.3	U	<MDL	3.28	1.38	U
Manganese-54	<MDL	3.4	1.86	U	<MDL	3.55	2.08	U	<MDL	3.7	2.08	U
Sodium-22	<MDL	2.98	1.62	U	<MDL	3.59	2	U	<MDL	4.15	2.24	U
Tritium					<MDL	451	256	U	<MDL	460	265	U
Vanadium-48					<MDL	8.96	5.17	U	<MDL	10.4	5.7	U-DL
Zinc-65	<MDL	6.65	6.37	U	<MDL	7.99	4.92	U	<MDL	7.11	4.49	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (Off-site)

	Well ID: 800-43 Date: 05/24/01 Depth: 157				Well ID: 800-44 Date: 05/24/01 Depth: 212				Well ID: 800-50 Date: 05/24/01 Depth: 205			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	14.3	9.05	U	<MDL	16.5	10	U	<MDL	13.4	8.28	U
Beryllium-7	<MDL	34.1	20.2	U	<MDL	37	21.1	U	<MDL	31.9	17.8	U
Cesium-134	<MDL	3.22	2.79	U	<MDL	3.15	1.92	U	<MDL	2.8	1.88	U
Cesium-137	<MDL	3.5	2.04	U	<MDL	3.44	2.05	U	<MDL	2.95	1.69	U
Co-60	<MDL	3.65	2.06	U	<MDL	3.92	2.11	U	<MDL	3.02	1.62	U
Cobalt-57	<MDL	2.51	1.49	U	<MDL	2.63	1.51	U	<MDL	2.31	1.33	U
Europium-152	<MDL	8.82	6.01	U	<MDL	8.88	5.74	U	<MDL	8.49	5.09	U
Europium-154	<MDL	10.9	4.4	U	<MDL	10.6	5.81	U	<MDL	8.64	4.8	U
Europium-155	<MDL	10.8	6.16	U	<MDL	10.6	6.04	U	<MDL	8.98	5.31	U
Gross Alpha	<MDL	.991	.629	U	<MDL	1.51	.449	U	<MDL	2.12	.59	U-DL
Gross Beta	<MDL	2.76	1.14	U	<MDL	2.76	1.17	U	<MDL	3.04	1.19	U
Manganese-54	<MDL	3.28	1.98	U	<MDL	3.75	2.15	U	<MDL	2.9	1.72	U
Sodium-22	<MDL	3.26	1.58	U	<MDL	3.81	2.09	U	<MDL	3.11	1.73	U
Tritium	<MDL	440	249	U	<MDL	440	258	U	<MDL	433	244	U
Vanadium-48	<MDL	10.2	5.88	U-DL	<MDL	10.4	6.14	U-DL	<MDL	10	5.38	U-DL
Zinc-65	<MDL	7.19	4.38	U	<MDL	8.33	4.52	U	<MDL	6.59	4.12	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (Off-site)

	Well ID: 800-51 Date: 05/24/01 Depth: 75				Well ID: 800-52 Date: 05/24/01 Depth: 150				Well ID: 800-53 Date: 05/24/01 Depth: 200			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	18.4	12	U	<MDL	15.5	9.79	U	<MDL	15.5	9.54	U
Beryllium-7	<MDL	37	21.1	U	<MDL	33.9	19.3	U	<MDL	35.5	20.3	U
Cesium-134	<MDL	3.44	2.24	U	<MDL	3.27	1.99	U	<MDL	3.25	2.17	U
Cesium-137	<MDL	3.32	2.06	U	<MDL	3.46	2.07	U	<MDL	3.67	2.04	U
Co-60	5.62	3.9	3.63	J-IN2	<MDL	3.99	2.26	U	<MDL	3.58	2.08	U
Cobalt-57	<MDL	2.81	1.67	U	<MDL	2.72	1.54	U	<MDL	2.75	1.59	U
Europium-152	<MDL	9.6	5.64	U	<MDL	9.54	5.76	U	<MDL	10.4	6.03	U
Europium-154	<MDL	11.1	6.6	U	<MDL	10.8	7.33	U	<MDL	9.76	5.31	U
Europium-155	<MDL	11.4	6.7	U	<MDL	10.3	6.07	U	<MDL	10.8	6.11	U
Gross Alpha	<MDL	1.6	.672	U	<MDL	1.05	.443	U	<MDL	1.8	.374	U
Gross Beta	<MDL	2.78	1.31	U	<MDL	2.78	1.04	U	<MDL	3.18	1.25	U
Manganese-54	<MDL	3.47	1.96	U	<MDL	3.4	1.99	U	<MDL	3.51	1.99	U
Sodium-22	<MDL	3.99	2.37	U	<MDL	3.88	2.64	U	<MDL	3.51	1.91	U
Tritium	<MDL	453	263	U	<MDL	463	268	U	<MDL	464	268	U
Vanadium-48	<MDL	10.4	5.65	U-DL	<MDL	10.6	5.72	U-DL	<MDL	9.59	5.46	U
Zinc-65	<MDL	8.15	4.69	U	<MDL	7.5	4.77	U	<MDL	7.65	4.68	U

OU III NORTH STREET

ANALYTICAL RESULTS

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (North Street)

	Well ID:000-108 Date:03/12/01 Depth: 220			Well ID:000-108 Date:05/29/01 Depth: 220			Well ID:000-108 Date:08/21/01 Depth: 220		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	9.2	.5		6.3	.5		5.9	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	2.6	.5		1	.5		1	.5	
1,1-Dichloroethylene	2.6	.5		1.6	.5		1.6	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	.39	.5	J	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.5	.5		1.7	.5		1.5	.5	
cis-1,2-Dichloroethylene	.64	.5		ND	.5	U	.27	.5	J
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.56	U	.51	.5		.37	.5	J
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	5.4	.5		2.8	.5		4.1	.5	
Toluene	ND	.5	U	.54	.5		ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	2.2	.5		1.5	.5		1.8	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	24.53	0		15.95	0		16.54	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (North Street)

	Well ID:000-108 Date:10/09/01 Depth: 220			Well ID:000-153 Date:03/09/01 Depth: 200			Well ID:000-153 Date:05/29/01 Depth: 200		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	4.1	.5		2.8	.5		3.6	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	2.1	.5		2.1	.5	
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	.83	.5		ND	.5	U	ND	.5	U
1,1-Dichloroethylene	1.3	.5		1.4	.5		1.8	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	2.1	.5		2.6	.5	
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	6.5	.5		7.2	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.2	.5		1.3	.5		1.5	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.86	U	ND	.5	U	.35	.5	J
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	3	.5		.55	.5		.49	.5	J
Toluene	ND	.5	U	ND	.5	U	.36	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	1.3	.5		27.7	.5		26.5	.5	
Trichlorofluoromethane	ND	.5	U	.93	.5		.73	.5	
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	11.73	0		45.38	0		47.23	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (North Street)

	Well ID:000-153 Date:08/21/01 Depth: 195			Well ID:000-153 Date:10/09/01 Depth: 200			Well ID:000-154 Date:03/09/01 Depth: 198		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	5	.5		3.1	.5		1.6	.5	
1,1,2,2-Tetrachloroethane	2.6	.5		2.3	.5		.29	.5	J
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	2.2	.5		1.2	.5		.56	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	1.7	.5		1.5	.5		ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	6.3	.5		5	.5		69.8	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.2	.5		1.1	.5		1.5	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	.5	.5		ND	.88	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	.55	.5		.43	.5	J	ND	.5	U
Toluene	.52	.5		ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	29.4	.5		24	.5		1.1	.5	
Trichlorofluoromethane	.9	.5		.52	.5		ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	50.87	0		39.15	0		74.85	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (North Street)

	Well ID:000-154 Date:05/29/01 Depth: 198			Well ID:000-154 Date:08/21/01 Depth: 198			Well ID:000-154 Date:10/09/01 Depth: 198		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	1.4	.5		1.9	.5		1.4	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	.44	.5	J	.61	.5		.59	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	31	.5		47.7	.5		35.2	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.1	.5		1.6	.5		1.3	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	.43	.5	JB	ND	.5	U	ND	.51	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	.36	.5	J	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	1	.5		1	.5		.79	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	35.73	0		52.81	0		39.28	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (North Street)

	Well ID:000-211 Date:03/13/01 Depth: 222			Well ID:000-211 Date:05/29/01 Depth: 218			Well ID:000-211 Date:08/21/01 Depth: 222		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.29	.5	J	.28	.5	J	.29	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	1	U	ND	.5	U	.44	.5	J
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	.28	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.34	.5	J	.31	.5	J	.36	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.63	0		.59	0		1.37	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (North Street)

	Well ID:000-211 Date:10/09/01 Depth: 222			Well ID:000-212 Date:03/13/01 Depth: 205			Well ID:000-212 Date:05/29/01 Depth: 205		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	10.1	.5		.52	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	3.2	.5		ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	1.5	.5		ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	1.9	.5		1.4	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	.33	.5	J
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	18.9	.5		.7	.5	
Toluene	ND	.5	U	ND	.5	U	.4	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.28	.5	J	.68	.5		ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.28	0		36.28	0		3.35	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (North Street)

	Well ID:000-212 Date:08/21/01 Depth: 205			Well ID:000-212 Date:10/09/01 Depth: 205			Well ID:000-213 Date:03/13/01 Depth: 195		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	6.7	.5		6.6	.5		2.4	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	2.1	.5		2.3	.5		.76	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	1	.5		.88	.5		5.5	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.7	.5		1.5	.5		1.3	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.6	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	16.2	.5		15.3	.5		ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.53	.5		.55	.5		ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	28.23	0		27.13	0		9.96	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (North Street)

	Well ID:000-213 Date:05/29/01 Depth: 195			Well ID:000-213 Date:08/21/01 Depth: 195			Well ID:000-213 Date:10/08/01 Depth: 195		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	4.4	.5		4.2	.5		4.9	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	1.3	U	1.4	.5		1.9	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	8.3	.5		6	.5		6.5	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.3	.5		1.2	.5		1.1	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.77	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	14	0		13.57	0		14.4	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (North Street)

	Well ID:000-215 Date:03/13/01 Depth: 265			Well ID:000-215 Date:05/29/01 Depth: 265			Well ID:000-215 Date:08/21/01 Depth: 265		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.83	.5		1.1	.5		.57	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	1.2	.5		1.5	.5		.81	.5	
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	.36	.5	J	.36	.5	J	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.86	.5		.88	.5		1	.5	
cis-1,2-Dichloroethylene	.65	.5		.74	.5		.37	.5	J
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	1.2	.5	B	.38	.5	J	.9	.5	
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	.49	.5	J	.29	.5	J	.39	.5	J
Toluene	ND	.5	U	.45	.5	J	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.75	.5		.93	.5		.46	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	6.34	0		6.63	0		4.5	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (North Street)

	Well ID:000-215 Date:10/08/01 Depth: 265			Well ID:086-05 Date:03/05/01 Depth: 85			Well ID:086-05 Date:05/25/01 Depth: 85		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.32	.5	J	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	.58	.5		ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.96	.5		.44	.5	J	.48	.5	J
cis-1,2-Dichloroethylene	.29	.5	J	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.55	U	ND	.5	U	.27	.5	J
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	.37	.5	J	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.71	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.33	.5	J	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	2.85	0		.44	0		.75	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (North Street)

	Well ID:086-05 Date:08/20/01 Depth: 85			Well ID:086-05 Date:10/08/01 Depth: 85			Well ID:086-43 Date:03/05/01 Depth: 120		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.4	.5	J	.33	.5	J	1.8	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.93	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.76	U	ND	.5	U	ND	.62	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.4	0		.33	0		2.64	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (North Street)

	Well ID:086-43 Date:05/25/01 Depth: 120			Well ID:086-43 Date:08/20/01 Depth: 120			Well ID:086-43 Date:10/08/01 Depth: 120		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.5	.5		.99	.5		.79	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	.26	.5	J	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.84	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.76	0		.99	0		.79	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (North Street)

	Well ID:086-70 Date:03/05/01 Depth: 70			Well ID:086-70 Date:05/25/01 Depth: 65			Well ID:086-70 Date:08/20/01 Depth: 70		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	.38	.5	J	.27	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	.28	.5	J	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	.54	.5		.35	.5	J	.27	.5	J
Toluene	ND	.62	U	ND	.5	U	ND	.64	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.54	0		1.01	0		1.18	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (North Street)

	Well ID:086-70 Date:10/08/01 Depth: 70			Well ID:106-53 Date:03/05/01 Depth: 205			Well ID:106-53 Date:05/25/01 Depth: 205		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	4	.5		3.2	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	1.3	.5		.84	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	1.4	.5		1.5	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.8	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	.28	.5	J	.34	.5	J	.6	.5	
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	.88	.5		.67	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.28	0		10.37	0		6.81	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (North Street)

	Well ID:106-53 Date:08/21/01 Depth: 205			Well ID:106-53 Date:10/05/01 Depth: 203			Well ID:106-54 Date:03/05/01 Depth: 205		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	3.5	.5		2.8	.5		5.6	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	.32	.5	J
1,1-Dichloroethylene	.97	.5		.99	.5		1.6	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	10.8	.5	
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	2	.5		1.6	.5		14.7	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.96	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	.39	.5	J	.35	.5	J	4.2	.5	
Toluene	ND	.5	U	ND	.5	U	ND	.63	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.66	.5		.48	.5	J	16.6	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	7.52	0		6.22	0		53.82	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (North Street)

	Well ID:106-54 Date:05/25/01 Depth: 205			Well ID:106-54 Date:08/20/01 Depth: 205			Well ID:106-54 Date:10/05/01 Depth: 205		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	3.4	.5		2.4	.5		2	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	.99	.5		.73	.5		.76	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	2.5	.5		.96	.5		.67	.5	
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	5.2	.5		3.2	.5		2.6	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	4.9	.5		5.5	.5		5.4	.5	
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	10.5	.5		6.6	.5		5.4	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	27.49	0		19.39	0		16.83	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (North Street)

	Well ID:106-55 Date:03/05/01 Depth: 165			Well ID:106-55 Date:05/25/01 Depth: 175			Well ID:106-55 Date:08/21/01 Depth: 175		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	4	.5		6.6	.5		8.4	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	.94	.5		1.6	.5		2.1	.5	
1,1-Dichloroethylene	.89	.5		1.4	.5		1.8	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	.43	.5	J	.76	.5		.91	.5	
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	2.5	.5		3.4	.5		3.5	.5	
cis-1,2-Dichloroethylene	.76	.5		1.4	.5		2	.5	
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	6	.5		12.6	.5		22.3	.5	
Toluene	ND	.51	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	3	.5		6.4	.5		13.3	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	18.52	0		34.16	0		54.31	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (North Street)

	Well ID:106-55 Date:11/20/01 Depth: 165			Well ID:106-56 Date:03/05/01 Depth: 175			Well ID:106-56 Date:05/25/01 Depth: 165		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	6.3	.5		7.6	.5		11.6	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	.3	.5	J
1,1-Dichloroethane	2.1	.5		1.9	.5		3.3	.5	
1,1-Dichloroethylene	1.5	.5		1.6	.5		2.5	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	.89	.5		1	.5		1.3	.5	
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	2	.5		4.5	.5		5.7	.5	
cis-1,2-Dichloroethylene	1.2	.5		1.8	.5		2.7	.5	
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	1.9	U	ND	.5	U	.27	.5	J
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	30	.5		18.6	.5		29.9	.5	
Toluene	ND	.5	U	ND	.55	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	14.9	.5		8.2	.5		18.6	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	58.89	0		48.56	0		76.17	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (North Street)

	Well ID:106-56 Date:08/21/01 Depth: 165			Well ID:106-56 Date:10/05/01 Depth: 175			Well ID:106-56 Date:12/12/01 Depth: 330		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	7.3	.5		5	.5		.43	.5	J
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	2.3	.5		1.9	.5		1.3	.5	
1,1-Dichloroethylene	1.5	.5		1.4	.5		ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	.76	.5		.65	.5		ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	2.7	.5		1.6	.5		.26	.5	J
cis-1,2-Dichloroethylene	1.6	.5		1.1	.5		ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.81	U	.47	.5	JB
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	36.7	.5		32.1	.5		ND	.5	U
Toluene	ND	.5	U	ND	.5	U	.44	.5	JB
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	18	.5		14.2	.5		ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	70.86	0		57.95	0		2.9	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (North Street)

	Well ID:106-58 Date:03/05/01 Depth: 205			Well ID:106-58 Date:05/25/01 Depth: 205			Well ID:106-58 Date:08/21/01 Depth: 205		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	3.4	.5		2.9	.5		1.9	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	.94	.5		.88	.5		.65	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	4.9	.5		2	.5		.57	.5	
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	7.7	.5		3.9	.5		2	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	.26	.5	J	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	3.7	.5		4.3	.5		6.6	.5	
Toluene	ND	.67	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	16.3	.5		13.1	.5		8.2	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	36.94	0		27.34	0		19.92	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (North Street)

	Well ID:106-58 Date:10/05/01 Depth: 205			Well ID:106-59 Date:03/05/01 Depth: 205			Well ID:106-59 Date:05/25/01 Depth: 205		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	1.5	.5		1.3	.5		1.4	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	.68	.5		.39	.5	J	.36	.5	J
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	.58	.5		ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.8	.5		1.8	.5		1.8	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.79	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	6.2	.5		2	.5		1.5	.5	
Toluene	ND	.5	U	ND	.5	U	.31	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	6	.5		1.9	.5		1.4	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	16.76	0		9.28	0		6.77	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (North Street)

	Well ID:106-59 Date:08/28/01 Depth: 205			Well ID:106-59 Date:10/05/01 Depth: 205			Well ID:115-32 Date:03/07/01 Depth: 85		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	1	.5		.81	.5		1.3	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	.28	.5	J	.26	.5	J	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.6	.5		1.6	.5		22.3	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.73	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	1.4	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	1.8	.5		2.1	.5		12.4	.5	
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	1.4	.5		1.2	.5		.48	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	6.08	0		5.97	0		38.1	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (North Street)

	Well ID:115-32 Date:05/25/01 Depth: 85			Well ID:115-32 Date:08/20/01 Depth: 85			Well ID:115-32 Date:10/10/01 Depth: 85		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	1.8	.5		1.3	.5		1.2	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	27.4	.5		20.1	.5		21.2	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	14.8	.5		15.3	.5		14.6	.5	
Toluene	ND	.5	U	ND	1	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.62	.5		.52	.5		.54	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	44.62	0		37.22	0		37.54	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (North Street)

	Well ID:115-33 Date:03/07/01 Depth: 185			Well ID:115-33 Date:05/25/01 Depth: 185			Well ID:115-33 Date:08/20/01 Depth: 185		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.34	.5	J	.42	.5	J	.46	.5	J
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.4	.5		1.5	.5		1.5	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	.43	.5	J	ND	.5	U
Toluene	ND	.5	U	.27	.5	J	ND	1.4	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	2.61	0		2.62	0		1.96	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (North Street)

	Well ID:115-33 Date:10/09/01 Depth: 185			Well ID:115-34 Date:03/07/01 Depth: 115			Well ID:115-34 Date:05/25/01 Depth: 115		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.41	.5	J	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	.29	.5	J	.33	.5	J
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	.28	.5	J	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	.44	.5	J	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.4	.5		ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.81	0		2.17	0		.33	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (North Street)

	Well ID:115-34 Date:08/20/01 Depth: 115			Well ID:115-34 Date:10/05/01 Depth: 115			Well ID:115-35 Date:03/07/01 Depth: 155		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	.31	.5	J	.36	.5	J	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	.66	.5		ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	.72	.5		.28	.5	J	.45	.5	J
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.86	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	1.2	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.69	0		.64	0		1.15	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (North Street)

	Well ID:115-35 Date:05/25/01 Depth: 155			Well ID:115-35 Date:08/20/01 Depth: 155			Well ID:115-35 Date:10/05/01 Depth: 155		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	1	.5		ND	.5	U	.29	.5	J
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	.65	.5		ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	.67	.5		ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	.83	.5		.37	.5	J
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	.25	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.67	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.99	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.65	0		1.5	0		.91	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (North Street)

	Well ID:122-24 Date:03/12/01 Depth: 258			Well ID:122-24 Date:05/29/01 Depth: 258			Well ID:122-24 Date:08/28/01 Depth: 258		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	1	U	ND	.5	U
1,1,1-Trichloroethane	122	1	D	144	1		166	2.5	D
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	1	U	ND	.5	U
1,1,2-Trichloroethane	1.2	.5		1.3	1		1.8	.5	
1,1-Dichloroethane	.72	.5		.95	1	J	.97	.5	
1,1-Dichloroethylene	68.4	.5		87.4	1		83.4	.5	
1,1-Dichloropropene	ND	.5	U	ND	1	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	1	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	1	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	1	U	ND	.5	U
1,2-Dichloroethane	.82	.5		1.2	1		1.2	.5	
1,2-Dichloropropane	ND	.5	U	ND	1	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	1	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	1	U	ND	.5	U
Benzene	ND	.5	U	ND	1	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	1	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	1	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	1	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	1	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	1	U	ND	.5	U
Bromoform	ND	.5	U	ND	1	U	ND	.5	U
Carbon tetrachloride	2.2	.5		2.6	1		2	.5	
Chlorobenzene	ND	.5	U	ND	1	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	1	U	ND	.5	U
Chloroethane	ND	.5	U	ND	1	U	ND	.5	U
Chloroform	.81	.5		.91	1	J	.8	.5	
cis-1,2-Dichloroethylene	11.9	.5		13.4	1		15.3	.5	
cis-1,3-Dichloropropene	ND	.5	U	ND	1	U	ND	.5	U
Cymene	ND	.5	U	ND	1	U	ND	.5	U
DBCP	ND	.5	U	ND	1	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	1	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	1	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	1	U	ND	.5	U
EDB	ND	.5	U	ND	1	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	1	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	1	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	1	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	1	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	1	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	1	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	1	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	1	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	1	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	1	U	ND	1.4	U
o-Chlorotoluene	ND	.5	U	ND	1	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	1	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	1	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	1	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	1	U	ND	.5	U
Styrene	ND	.5	U	ND	1	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	1	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	1	U	ND	.5	U
Toluene	ND	.5	U	ND	1	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	1	U	ND	.5	U
Trichloroethylene	67.5	.5		62	1		63.8	.5	
Trichlorofluoromethane	ND	.5	U	ND	1	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	1	U	ND	.5	U
TVOC	275.55	0		313.76	0		335.27	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (North Street)

	Well ID:122-24 Date:10/10/01 Depth: 58			Well ID:122-25 Date:03/12/01 Depth: 228			Well ID:122-25 Date:05/29/01 Depth: 228		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	159	5	D	4.7	.5		226	2.5	D
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	1.7	.5		ND	.5	U	2.5	.5	
1,1-Dichloroethane	1.1	.5		ND	.5	U	1.4	.5	
1,1-Dichloroethylene	95.3	5	D	3.1	.5		131	2.5	D
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	1.3	.5		ND	.5	U	1.9	.5	
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	1.6	.5		ND	.5	U	.48	.5	J
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.77	.5		1.1	.5		.97	.5	
cis-1,2-Dichloroethylene	17.8	.5		.54	.5		23.4	.5	
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.62	U	ND	.5	U	.44	.5	J
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.55	U	ND	.67	U	.41	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	66.4	.5		4.8	.5		82.1	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	344.97	0		14.24	0		470.6	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (North Street)

	Well ID:122-25 Date:08/28/01 Depth: 228			Well ID:122-25 Date:10/10/01 Depth: 228			Well ID:800-59 Date:03/09/01 Depth: 208		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	183	2.5	D	58	.5		ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	2.6	.5		.9	.5		ND	.5	U
1,1-Dichloroethane	.9	.5		.33	.5	J	ND	.5	U
1,1-Dichloroethylene	95	.5		35	.5		ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	1.2	.5		.32	.5	J	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	.4	.5	J	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.86	.5		.96	.5		1.4	.5	
cis-1,2-Dichloroethylene	20.1	.5		7.3	.5		ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.71	U	ND	.61	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.56	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	108	2.5	D	41.4	.5		ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	412.06	0		144.21	0		1.4	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (North Street)

	Well ID:800-59 Date:05/29/01 Depth: 208			Well ID:800-59 Date:08/21/01 Depth: 208			Well ID:800-59 Date:10/09/01 Depth: 208		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.27	.5	J	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.7	.5		1.4	.5		1.4	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.74	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.97	0		1.4	0		1.4	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (North Street)

	Well ID:800-60 Date:03/09/01 Depth: 210			Well ID:800-60 Date:05/25/01 Depth: 210			Well ID:800-60 Date:08/21/01 Depth: 210		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.3	.5	J	.28	.5	J	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	.26	.5	J	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	.26	.5	J	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.3	0		.8	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (North Street)

	Well ID:800-60 Date:10/08/01 Depth: 210			Well ID:800-63 Date:03/12/01 Depth: 209			Well ID:800-63 Date:05/29/01 Depth: 206		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	1.3	.5		1.4	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	.46	.5	J	.55	.5	
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	.53	.5		ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	.97	.5		.96	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	.97	.5		1.6	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		4.23	0		4.51	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (North Street)

	Well ID:800-63 Date:08/28/01 Depth: 206			Well ID:800-63 Date:10/08/01 Depth: 206		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	2.5	.5		2.4	.5	
1,1,2,2-Tetrachloroethane	.9	.5		.46	.5	J
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	1.4	.5		1.5	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U
Chloroform	.92	.5		.86	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.89	U
n-Butylbenzene	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U
Trichloroethylene	1.6	.5		.84	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U
TVOC	7.32	0		5.97	0	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (North Street)

	Well ID: 000-108 Date: 08/21/01 Depth: 220				Well ID: 000-153 Date: 08/21/01 Depth: 195				Well ID: 000-153 Date: 10/15/01 Depth: 200			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	20.2	12.7	U-DL	<MDL	5.39	3.18	U				
Beryllium-7	<MDL	25.3	14.4	U	<MDL	33	18.8	U				
Cesium-134	<MDL	2.33	1.46	U	<MDL	3.39	2.06	U				
Cesium-137	<MDL	2.74	1.5	U	<MDL	3.87	2.19	U				
Co-60	<MDL	2.51	1.49	U	<MDL	4	2.27	U				
Cobalt-57	<MDL	2.42	1.43	U	<MDL	2.12	1.35	U				
Europium-152	<MDL	7.71	4.35	U	<MDL	9.59	5.57	U				
Europium-154	<MDL	7.4	4.3	U	<MDL	11.7	6.76	U				
Europium-155	<MDL	10.4	6	U	<MDL	8.34	5.23	U				
Gross Alpha	<MDL	1.47	.892	U	<MDL	1.22	.637	U				
Gross Beta	<MDL	2.78	1.08	U	<MDL	2.33	1.03	U				
Manganese-54	<MDL	2.5	2.31	U	<MDL	3.8	2.23	U				
Sodium-22	<MDL	2.65	1.54	U	<MDL	4.2	2.42	U				
Strontium-90	<MDL	.58	.282	U	<MDL	.441	.203	U				
Tritium	<MDL	510	307	U	2560	530	417		1630	396	297	
Zinc-65	<MDL	5.16	3.09	U	<MDL	7.47	4.26	U				

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (North Street)

	Well ID: 000-154 Date: 08/21/01 Depth: 198				Well ID: 000-211 Date: 08/21/01 Depth: 222				Well ID: 000-212 Date: 08/21/01 Depth: 205			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	5.23	3.06	U	<MDL	6.93	4.62	U	<MDL	8.33	10.7	U
Beryllium-7	<MDL	30.7	15.7	U	<MDL	32.9	19	U	<MDL	14.4	16.6	U
Cesium-134	<MDL	2.41	1.71	U	<MDL	3.55	2.17	U	<MDL	1.04	1.43	U
Cesium-137	<MDL	2.61	1.62	U	<MDL	4.47	2.4	U	<MDL	1.15	1.53	U
Co-60	<MDL	3.34	1.93	U	<MDL	4.66	2.38	U	<MDL	1.37	1.59	U
Cobalt-57	<MDL	2.27	2.04	U	<MDL	2.5	1.44	U	<MDL	1.12	1.32	U
Europium-152	<MDL	8.11	4.75	U	<MDL	10.7	7.14	U	<MDL	3.58	4.47	U
Europium-154	<MDL	7.7	4.07	U	<MDL	12.3	6.1	U	<MDL	3.9	4.34	U
Europium-155	<MDL	8.25	5.23	U	<MDL	10.5	6.14	U	<MDL	4.28	5.27	U
Gross Alpha	<MDL	1.55	.536	U	<MDL	1.86	.888	U	<MDL	1.41	.463	UJ
Gross Beta	<MDL	1.95	.883	U	<MDL	2.16	1.05	U	<MDL	2.06	.923	UJ
Manganese-54	<MDL	2.74	1.64	U	<MDL	4.13	2.52	U	<MDL	1.16	1.31	U
Sodium-22	<MDL	2.76	1.46	U	<MDL	4.4	2.18	U	<MDL	1.4	1.58	U
Strontium-90	<MDL	.484	.218	U	<MDL	.535	.247	U	<MDL	.389	.207	UJ-T
Tritium	<MDL	528	299	U	<MDL	526	309	U	<MDL	403	236	U
Zinc-65	<MDL	6.23	3.18	U	<MDL	9.31	5.01	U	<MDL	2.12	3.68	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (North Street)

	Well ID: 000-213 Date: 08/21/01 Depth: 195				Well ID: 000-215 Date: 08/21/01 Depth: 265				Well ID: 086-05 Date: 08/20/01 Depth: 85			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	17.4	10.8	U	<MDL	17.6	10.1	U	<MDL	15	9.5	U
Beryllium-7	<MDL	24.9	14.9	U	<MDL	27.7	15	U	<MDL	27.7	15.7	U
Cesium-134	<MDL	2.44	6.6	UI	<MDL	2.51	1.5	U	<MDL	2.46	1.98	U
Cesium-137	<MDL	3.29	1.71	U	<MDL	2.93	1.72	U	<MDL	2.9	1.58	U
Co-60	<MDL	2.95	1.59	U	<MDL	3.76	1.87	U	<MDL	3.18	1.68	U
Cobalt-57	<MDL	2.43	1.39	U	<MDL	2.2	1.32	U	<MDL	2.54	1.48	U
Europium-152	<MDL	7.21	4.57	U	<MDL	7.63	4.66	U	<MDL	7.86	4.55	U
Europium-154	<MDL	8.72	4.89	U	<MDL	7.85	4.03	U	<MDL	8	4.62	U
Europium-155	<MDL	10.3	5.71	U	<MDL	10.2	5.87	U	<MDL	9.86	5.6	U
Gross Alpha	<MDL	1.12	.414	UJ	<MDL	1.57	.752	U	<MDL	1.67	.514	UJ
Gross Beta	<MDL	1.94	.833	UJ	<MDL	2.03	1.01	U	<MDL	1.99	.915	UJ
Manganese-54	<MDL	2.94	1.6	U	<MDL	3.02	1.7	U	<MDL	2.94	1.54	U
Sodium-22	<MDL	3.13	1.72	U	<MDL	2.81	1.42	U	<MDL	2.85	1.65	U
Strontium-90	<MDL	.459	.204	U	<MDL	.549	.247	U	<MDL	.566	.296	UJ-T
Tritium	<MDL	431	246	U	3960	496	448		<MDL	453	248	U
Zinc-65	<MDL	6.15	3.37	U	<MDL	6.64	3.96	U	<MDL	5.99	3.49	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (North Street)

	Well ID: 086-43 Date: 08/20/01 Depth: 120				Well ID: 086-70 Date: 08/20/01 Depth: 70				Well ID: 106-53 Date: 08/21/01 Depth: 205			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	15.5	8.84	U	<MDL	6.35	8.62	U	<MDL	16	13.3	U
Beryllium-7	<MDL	29.5	17.3	U	<MDL	13.4	16.6	U	<MDL	28.5	15.3	U
Cesium-134	<MDL	2.83	1.73	U	<MDL	1.13	1.55	U	<MDL	2.73	1.5	U
Cesium-137	<MDL	3.09	2.45	U	2.01	1.04	.862	A	<MDL	2.74	1.53	U
Co-60	<MDL	3.3	2.1	U	<MDL	1.21	1.37	U	<MDL	3.38	2.09	U
Cobalt-57	<MDL	2.63	1.59	U	<MDL	1.16	1.38	U	<MDL	2.79	1.58	U
Europium-152	<MDL	8.26	4.77	U	<MDL	3.42	4.23	U	<MDL	8.53	4.85	U
Europium-154	<MDL	9.54	4.95	U	<MDL	3.29	3.86	U	<MDL	9.33	3.99	U
Europium-155	<MDL	11.1	6.43	U	4.76	4.6	5.4	J-IN2	<MDL	11.5	6.61	U
Gross Alpha	<MDL	1.47	.538	UJ	<MDL	.604	.329	UJ	<MDL	.899	.207	UJ
Gross Beta	<MDL	2.19	1	UJ	1.14	.855	.517	J-N2	<MDL	1.72	.873	UJ
Manganese-54	<MDL	2.86	1.65	U	<MDL	1.09	1.56	U	<MDL	3.1	1.89	U
Sodium-22	<MDL	3.41	1.77	U	<MDL	1.19	1.39	U	<MDL	3.14	1.42	U
Strontium-90	<MDL	.474	.198	U	<MDL	.629	.297	U	<MDL	.522	.242	U
Tritium	<MDL	474	256	U	<MDL	444	251	U	<MDL	499	284	U
Zinc-65	<MDL	6.96	4.44	U	<MDL	2.43	3.14	U	<MDL	6.77	3.85	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (North Street)

	Well ID: 106-54 Date: 08/20/01 Depth: 205				Well ID: 106-55 Date: 08/21/01 Depth: 175				Well ID: 106-56 Date: 08/21/01 Depth: 165			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	6.67	6.48	7.32	J-1N2	<MDL	16	8.73	U	<MDL	7.2	4.64	U
Beryllium-7	<MDL	12.6	14.6	U	<MDL	25.4	14.4	U	<MDL	38.7	20.8	U
Cesium-134	<MDL	1.11	1.53	U	<MDL	2.58	1.77	U	<MDL	3.9	2.6	U
Cesium-137	<MDL	1.14	1.43	U	<MDL	2.49	1.52	U	<MDL	4.3	2.45	U
Co-60	<MDL	1.02	1.27	U	<MDL	3.64	2.16	U	<MDL	3.74	2.36	U
Cobalt-57	<MDL	1.03	1.27	U	<MDL	2.6	1.49	U	<MDL	2.6	1.5	U
Europium-152	<MDL	3.12	4.06	U	<MDL	8.21	4.62	U	<MDL	9.85	5.95	U
Europium-154	<MDL	3.46	4.13	U	<MDL	8	4.44	U	<MDL	11.4	6.41	U
Europium-155	<MDL	3.94	4.86	U	<MDL	10.9	6.22	U	<MDL	10.4	6.15	U
Gross Alpha	<MDL	1.98	.652	UJ	<MDL	1.08	.585	U	<MDL	1.53	.786	UJ
Gross Beta	2.16	1.94	1.02	J-N2	<MDL	1.81	.926	U	2.24	1.71	.953	J-N2
Manganese-54	<MDL	.987	1.3	U	<MDL	2.52	1.88	U	<MDL	3.79	2.15	U
Sodium-22	<MDL	1.25	1.49	U	<MDL	2.86	1.59	U	<MDL	4.07	2.3	U
Strontium-90	<MDL	.541	.272	U	<MDL	.505	.253	U	<MDL	.512	.236	U
Tritium	<MDL	455	251	U	<MDL	489	278	U	<MDL	421	235	U
Zinc-65	<MDL	2.03	2.67	U	<MDL	5.8	3.46	U	<MDL	7.58	4.57	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (North Street)

	Well ID: 106-56 Date: 12/12/01 Depth: 330				Well ID: 106-58 Date: 08/21/01 Depth: 205				Well ID: 106-59 Date: 08/28/01 Depth: 205			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241					<MDL	14.6	9.17	U	<MDL	3.74	5	U
Beryllium-7					<MDL	23.3	13.5	U	<MDL	25	28.9	U
Cesium-134					<MDL	2.31	1.42	U	<MDL	1.98	2.79	U
Cesium-137					<MDL	3.14	1.78	U	<MDL	2.3	2.76	U
Co-60					<MDL	2.95	1.6	U	<MDL	2.32	2.91	U
Cobalt-57					<MDL	2.49	1.41	U	<MDL	1.53	1.8	U
Europium-152					<MDL	8.41	5.01	U	<MDL	5.42	6.82	U
Europium-154					<MDL	9.47	5.04	U	<MDL	4.93	7.07	U
Europium-155					<MDL	9.91	5.85	U	<MDL	5.83	6.86	U
Gross Alpha					<MDL	1.14	.439	U	<MDL	1.84	.567	UJ
Gross Beta					<MDL	1.83	.865	U	<MDL	1.31	.502	UJ
Manganese-54					<MDL	2.5	1.53	U	<MDL	2.24	2.71	U
Sodium-22					<MDL	3.39	1.8	U	<MDL	1.77	2.54	U
Strontium-90					<MDL	.538	.241	U	<MDL	.641	.286	UJ-T
Tritium	1190	371	265		<MDL	423	241	U	<MDL	413	226	U
Zinc-65					<MDL	6.06	3.44	U	<MDL	4.18	5.7	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (North Street)

	Well ID: 115-32 Date: 08/20/01 Depth: 85				Well ID: 115-33 Date: 08/20/01 Depth: 185				Well ID: 115-34 Date: 08/20/01 Depth: 115			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	6.97	6.42	U	<MDL	7.02	8.45	U	<MDL	5.47	3.38	U
Beryllium-7	<MDL	34.8	18.5	U	<MDL	12.4	14.5	U	<MDL	27.3	14.9	U
Cesium-134	<MDL	3.67	2.14	U	<MDL	1.05	1.48	U	<MDL	2.64	1.53	U
Cesium-137	<MDL	3.82	2.38	U	<MDL	1.21	1.49	U	<MDL	3.36	1.85	U
Co-60	<MDL	4.25	2.68	U	<MDL	1.22	1.52	U	<MDL	3.06	1.8	U
Cobalt-57	<MDL	2.68	1.57	U	<MDL	1.14	1.36	U	<MDL	2.25	1.39	U
Europium-152	<MDL	10.8	6.06	U	<MDL	3.69	4.26	U	<MDL	8.71	5.52	U
Europium-154	<MDL	11.7	7.07	U	<MDL	3.14	3.78	U	<MDL	10.6	5.46	U
Europium-155	<MDL	10.9	6.19	U	<MDL	4.57	5.43	U	<MDL	8.46	5.23	U
Gross Alpha	<MDL	.521	.324	UJ	<MDL	1.49	.69	UJ	<MDL	1.53	.621	UJ
Gross Beta	<MDL	1.04	.587	UJ	<MDL	2.24	.979	UJ	<MDL	2.07	1.01	UJ
Manganese-54	<MDL	3.97	2.34	U	<MDL	1.15	1.38	U	<MDL	2.98	1.6	U
Sodium-22	<MDL	4.2	2.53	U	<MDL	1.13	1.36	U	<MDL	3.8	1.95	U
Strontium-90	<MDL	.492	.22	U	<MDL	.459	.208	U	<MDL	.434	.19	U
Tritium	<MDL	419	236	U	<MDL	474	266	U	<MDL	443	251	U
Zinc-65	<MDL	7.49	5.14	U	<MDL	2.86	3.37	U	<MDL	6.73	3.69	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (North Street)

	Well ID: 115-35 Date: 08/20/01 Depth: 155				Well ID: 122-24 Date: 08/28/01 Depth: 258				Well ID: 122-25 Date: 08/28/01 Depth: 228			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	16.3	11.5	U	<MDL	9.03	10.7	U	6.08	3.33	5.33	J-IN2
Beryllium-7	<MDL	25	14.6	U	<MDL	16.2	20.6	U	<MDL	19	23.1	U
Cesium-134	<MDL	1.92	1.44	U	<MDL	1.35	1.75	U	<MDL	1.6	2.14	U
Cesium-137	2.43	2.24	3.37	J-IN2	<MDL	1.47	1.89	U	<MDL	1.91	2.19	U
Co-60	<MDL	2.88	1.45	U	<MDL	1.5	1.9	U	<MDL	2.01	2.56	U
Cobalt-57	<MDL	2.13	1.25	U	<MDL	1.5	1.78	U	<MDL	1.43	1.88	U
Europium-152	<MDL	7.01	4.02	U	<MDL	4.43	5.28	U	<MDL	4.57	5.88	U
Europium-154	<MDL	7.7	4.69	U	<MDL	3.49	4.69	U	5.63	5.56	5.71	J-IN2
Europium-155	<MDL	9.45	5.41	U	<MDL	5.93	7.24	U	<MDL	5.45	6.84	U
Gross Alpha	<MDL	1.51	.605	UJ	<MDL	1.54	.963	UJ	<MDL	1.72	.646	UJ
Gross Beta	<MDL	1.94	.899	UJ	<MDL	1.36	.741	UJ	<MDL	1.22	.58	UJ
Manganese-54	<MDL	2.4	1.56	U	<MDL	1.56	1.8	U	<MDL	1.64	2.13	U
Sodium-22	<MDL	2.77	1.69	U	<MDL	1.26	1.69	U	2.05	2.01	2.06	J-IN2
Strontium-90	<MDL	.391	.187	U	<MDL	.645	.28	U	<MDL	.526	.243	UJ-T
Tritium	<MDL	469	262	U	<MDL	389	225	U	<MDL	414	226	U
Zinc-65	<MDL	5.29	2.89	U	<MDL	3.5	3.94	U	<MDL	3.57	4.92	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (North Street)

	Well ID: 800-59 Date: 08/21/01 Depth: 208				Well ID: 800-60 Date: 08/21/01 Depth: 210				Well ID: 800-63 Date: 08/28/01 Depth: 206			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	19.3	10.4	U	<MDL	8.13	12.2	U	<MDL	13.7	17.2	U
Beryllium-7	<MDL	27.7	15.2	U	17	15.3	17.9	J-IN2	<MDL	21.4	26.5	U
Cesium-134	<MDL	2.16	1.4	U	<MDL	1.12	2.5	U	<MDL	1.92	2.13	U
Cesium-137	<MDL	2.95	1.61	U	<MDL	1.06	1.41	U	<MDL	2.22	4.75	U
Co-60	<MDL	2.89	1.53	U	<MDL	1.25	1.66	U	<MDL	1.64	2.32	U
Cobalt-57	<MDL	2.25	1.34	U	<MDL	1.22	1.43	U	<MDL	2.06	2.84	U
Europium-152	<MDL	7.28	4.68	U	<MDL	3.75	4.57	U	<MDL	6.52	7.51	U
Europium-154	<MDL	8.02	3.98	U	6.08	4.23	4.51	J-IN2	<MDL	5.35	7.71	U
Europium-155	<MDL	9.59	5.69	U	<MDL	4.89	5.8	U	<MDL	8.63	11	U
Gross Alpha	<MDL	.718	.39	UJ	<MDL	1.7	1.04	UJ	<MDL	2.12	.773	UJ-DL
Gross Beta	.967	.948	.561	J-N2	<MDL	2.98	1.63	UJ	<MDL	1.41	.723	UJ
Manganese-54	<MDL	2.94	1.6	U	<MDL	1.16	1.37	U	<MDL	1.89	2.24	U
Sodium-22	<MDL	2.87	1.4	U	1.77	1.53	1.68	J-IN2	<MDL	1.94	2.78	U
Strontium-90	<MDL	.423	.244	U	.475	.457	.254	J-TN2	<MDL	.668	.236	UJ-T
Tritium	<MDL	434	241	U	<MDL	416	234	U	<MDL	398	220	U
Zinc-65	<MDL	5.74	3.16	U	<MDL	3.08	3.67	U	<MDL	4.17	5.37	U

OU III (CENTRAL)

ANALYTICAL RESULTS

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Central)

	Well ID:064-03 Date:02/21/01 Depth: 48			Well ID:064-03 Date:05/16/01 Depth: 48			Well ID:064-03 Date:08/10/01 Depth: 45		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.29	.5	J	.45	.5	J	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.5	U	ND	.5	U	ND	.69	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.29	0		.45	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Central)

	Well ID:064-03 Date:10/29/01 Depth: 48			Well ID:064-03 Date:11/06/01 Depth: 48			Well ID:065-02 Date:02/20/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	4	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	.28	.5	J
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	.35	.5	J
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	.46	.5	J	.26	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.5	U	ND	.53	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		.46	0		4.89	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Central)

	Well ID:065-02 Date:05/15/01 Depth: 60			Well ID:065-02 Date:08/10/01 Depth: 50			Well ID:065-02 Date:10/30/01 Depth: 60		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	7.3	.5		6.1	.5		4.9	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	.64	.5		.32	.5	J	.26	.5	J
1,1-Dichloroethylene	.69	.5		ND	.64	U	.58	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.37	.5	J	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.25	.5	J	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	9.25	0		6.42	0		5.74	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Central)

	Well ID:065-05 Date:02/20/01 Depth: 60			Well ID:065-05 Date:05/15/01 Depth: 60			Well ID:065-05 Date:08/09/01 Depth: 60		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	40.4	.5		29.3	.5		15.9	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	1.3	.5		.96	.5		.64	.5	
1,1-Dichloroethylene	3.9	.5		2.6	.5		1.8	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.3	.5	J	.37	.5	J	.27	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	2.7	.5		2.5	.5		1.8	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	48.6	0		35.73	0		20.41	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Central)

	Well ID:065-05 Date:10/29/01 Depth: 60			Well ID:066-08 Date:02/08/01 Depth: 45			Well ID:066-08 Date:02/20/01 Depth: 45		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U				ND	.5	U
1,1,1-Trichloroethane	13.5	.5		ND	2	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	2	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	2	U	ND	.5	U
1,1-Dichloroethane	.49	.5	J	ND	2	U	ND	.5	U
1,1-Dichloroethylene	1.7	.5		ND	2	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U				ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U				ND	.5	U
1,2,3-Trichloropropane	ND	.5	U				ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U				ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	2	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	2	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	2	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U				ND	.5	U
Benzene	ND	.5	U	ND	2	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U				ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U				ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U				ND	.5	U
Bromobenzene	ND	.5	U				ND	.5	U
Bromodichloromethane	ND	.5	U	ND	2	U	ND	.5	U
Bromoform	ND	.5	U	ND	2	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	2	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	2	U	ND	.5	U
Chlorobromomethane	ND	.5	U				ND	.5	U
Chloroethane	ND	.5	U	ND	2	U	ND	.5	U
Chloroform	ND	.5	U	1.2	2	J	.86	.5	
cis-1,2-Dichloroethylene	ND	.5	U				ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	2	U	ND	.5	U
Cymene	ND	.5	U				ND	.5	U
DBCP	ND	.5	U				ND	.5	U
Dibromochloromethane	ND	.5	U	ND	2	U	ND	.5	U
Dibromomethane	ND	.5	U				ND	.5	U
Dichlorodifluoromethane	ND	.5	U				ND	.5	U
EDB	ND	.5	U				ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	2	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	2	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U				ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	2	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	2	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	2	U	ND	.5	U
Methyl tert-butyl ether				ND	2	U			
Methylene chloride	ND	.5	U	ND	2	U	ND	.5	U
n-Butylbenzene	ND	.5	U				ND	.5	U
n-Propylbenzene	ND	.5	U				ND	.5	U
Naphthalene*	ND	.5	U				ND	.5	U
o-Chlorotoluene	ND	.5	U				ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	2	U	ND	.5	U
p-Chlorotoluene	ND	.5	U				ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	2	U	ND	.5	U
sec-Butylbenzene	ND	.5	U				ND	.5	U
Styrene	ND	.5	U				ND	.5	U
tert-Butylbenzene	ND	.5	U				ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	2	U	ND	.5	U
Toluene	ND	.5	U	ND	2	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	2	U	ND	.5	U
Trichloroethylene	1.6	.5		ND	2	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	2	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	2	U	ND	.5	U
TVOC	17.29	0					.86	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Central)

	Well ID:066-08 Date:05/11/01 Depth: 45			Well ID:066-08 Date:05/15/01 Depth: 45			Well ID:066-08 Date:08/10/01 Depth: 45		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane				ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	2	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	2	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	2	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	2	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	2	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene				ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene				ND	.5	U	ND	.5	U
1,2,3-Trichloropropane				ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*				ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	2	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	2	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	2	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane				ND	.5	U	ND	.5	U
Benzene	ND	2	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl				ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-				ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-				ND	.5	U	ND	.5	U
Bromobenzene				ND	.5	U	ND	.5	U
Bromodichloromethane	ND	2	U	ND	.5	U	ND	.5	U
Bromoform	ND	2	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	2	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	2	U	ND	.5	U	ND	.5	U
Chlorobromomethane				ND	.5	U	ND	.5	U
Chloroethane	ND	2	U	ND	.5	U	ND	.5	U
Chloroform	ND	2	U	.48	.5	J	ND	.5	U
cis-1,2-Dichloroethylene				ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	2	U	ND	.5	U	ND	.5	U
Cymene				ND	.5	U	ND	.5	U
DBCP				ND	.5	U	ND	.5	U
Dibromochloromethane	ND	2	U	ND	.5	U	ND	.5	U
Dibromomethane				ND	.5	U	ND	.5	U
Dichlorodifluoromethane				ND	.5	U	ND	.5	U
EDB				ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	2	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	2	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*				ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	2	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	2	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	2	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether	ND	2	U						
Methylene chloride	ND	2	U	ND	.5	U	ND	1.6	U
n-Butylbenzene				ND	.5	U	ND	.5	U
n-Propylbenzene				ND	.5	U	ND	.5	U
Naphthalene*				ND	.5	U	ND	.5	U
o-Chlorotoluene				ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	2	U	ND	.5	U	ND	.5	U
p-Chlorotoluene				ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	2	U	ND	.5	U	ND	.5	U
sec-Butylbenzene				ND	.5	U	ND	.5	U
Styrene				ND	.5	U	ND	.5	U
tert-Butylbenzene				ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	2	U	ND	.5	U	ND	.5	U
Toluene	ND	2	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	2	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	2	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	2	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	2	U	ND	.5	U	ND	.5	U
TVOC				.48	0		1.6	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Central)

	Well ID:066-08 Date:08/22/01 Depth: 45			Well ID:066-08 Date:10/29/01 Depth: 45			Well ID:066-08 Date:11/08/01 Depth: 45		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane				ND	.5	U			
1,1,1-Trichloroethane	ND	2	U	ND	.5	U	ND	2	U
1,1,2,2-Tetrachloroethane	ND	2	U	ND	.5	U	ND	2	U
1,1,2-Trichloroethane	ND	2	U	ND	.5	U	ND	2	U
1,1-Dichloroethane	ND	2	U	ND	.5	U	ND	2	U
1,1-Dichloroethylene	ND	2	U	ND	.5	U	ND	2	U
1,1-Dichloropropene				ND	.5	U			
1,2,3-Trichlorobenzene				ND	.5	U			
1,2,3-Trichloropropane				ND	.5	U			
1,2,4-Trichlorobenzene*				ND	.5	U			
1,2-Dichloroethane	ND	2	U	ND	.5	U	ND	2	U
1,2-Dichloropropane	ND	2	U	ND	.5	U	ND	2	U
1,3-Dichloropropane	ND	2	U	ND	.5	U	ND	2	U
2,2-Dichloropropane				ND	.5	U			
Benzene	ND	2	U	ND	.5	U	ND	2	U
Benzene, 1,2,4-trimethyl				ND	.5	U			
Benzene, 1,3,5-trimethyl-				ND	.5	U			
Benzene, 1-methylethyl-				ND	.5	U			
Bromobenzene				ND	.5	U			
Bromodichloromethane	ND	2	U	ND	.5	U	ND	2	U
Bromoform	ND	2	U	ND	.5	U	ND	2	U
Carbon tetrachloride	ND	2	U	ND	.5	U	ND	2	U
Chlorobenzene	ND	2	U	ND	.5	U	ND	2	U
Chlorobromomethane				ND	.5	U			
Chloroethane	ND	2	U	ND	.5	U	ND	2	U
Chloroform	ND	2	U	ND	.5	U	ND	2	U
cis-1,2-Dichloroethylene				ND	.5	U			
cis-1,3-Dichloropropene	ND	2	U	ND	.5	U	ND	2	U
Cymene				ND	.5	U			
DBCP				ND	.5	U			
Dibromochloromethane	ND	2	U	ND	.5	U	ND	2	U
Dibromomethane				ND	.5	U			
Dichlorodifluoromethane				ND	.5	U			
EDB				ND	.5	U			
Ethene, 1,2-dichloro-, (E)-	ND	2	U	ND	.5	U	ND	2	U
Ethylbenzene	ND	2	U	ND	.5	U	ND	2	U
Hexachlorobutadiene*				ND	.5	U			
m-Dichlorobenzene	ND	2	U	ND	.5	U	ND	2	U
Methyl bromide	ND	2	U	ND	.5	U	ND	2	U
Methyl chloride	ND	2	U	ND	.5	U	ND	2	U
Methyl tert-butyl ether	ND	2	U				ND	2	U
Methylene chloride	ND	2	U	ND	.5	U	ND	2	U
n-Butylbenzene				ND	.5	U			
n-Propylbenzene				ND	.5	U			
Naphthalene*				ND	.5	U			
o-Chlorotoluene				ND	.5	U			
o-Dichlorobenzene	ND	2	U	ND	.5	U	ND	2	U
p-Chlorotoluene				ND	.5	U			
p-Dichlorobenzene	ND	2	U	ND	.5	U	ND	2	U
sec-Butylbenzene				ND	.5	U			
Styrene				ND	.5	U			
tert-Butylbenzene				ND	.5	U			
Tetrachloroethylene	ND	2	U	ND	.5	U	ND	2	U
Toluene	ND	2	U	ND	.5	U	ND	2	U
trans-1,3-Dichloropropene	ND	2	U	ND	.5	U	ND	2	U
Trichloroethylene	ND	2	U	ND	.5	U	ND	2	U
Trichlorofluoromethane	ND	2	U	ND	.5	U	ND	2	U
Vinyl chloride	ND	2	U	ND	.5	U	ND	2	U
TVOC				0	0				

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Central)

	Well ID:066-09 Date:02/20/01 Depth: 85			Well ID:066-09 Date:05/15/01 Depth: 85			Well ID:066-09 Date:08/10/01 Depth: 85		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	84.5	.5		4.1	.5		2	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	1.1	.5		ND	.5	U	ND	.5	U
1,1-Dichloroethylene	26.5	.5		1.4	.5		.57	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.53	.5		.42	.5	J	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	112.63	0		5.92	0		2.57	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Central)

	Well ID:066-09 Date:10/29/01 Depth: 85			Well ID:072-03 Date:02/20/01 Depth: 41			Well ID:072-03 Date:05/15/01 Depth: 41		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	1.1	.5		ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	.28	.5	J	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.26	.5	J	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.64	0		0	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Central)

	Well ID:072-03 Date:08/09/01 Depth: 41			Well ID:072-03 Date:10/29/01 Depth: 41			Well ID:072-04 Date:02/20/01 Depth: 168		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.46	.5	J	.41	.5	J	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	1.7	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	.26	.5	J	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.72	0		.41	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Central)

	Well ID:072-04 Date:05/15/01 Depth: 168			Well ID:072-04 Date:08/09/01 Depth: 168			Well ID:072-04 Date:10/29/01 Depth: 168		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		0	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Central)

	Well ID:075-01 Date:02/20/01 Depth: 45			Well ID:075-01 Date:05/15/01 Depth: 45			Well ID:075-01 Date:08/09/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	.93	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.32	.5	J	.37	.5	J	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	.66	.5	
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	.6	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.32	0		.37	0		2.19	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Central)

	Well ID:075-01 Date:10/26/01 Depth: 45			Well ID:075-02 Date:02/20/01 Depth: 50			Well ID:075-02 Date:05/15/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	.37	.5	J	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.37	0		0	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Central)

	Well ID:075-02 Date:08/09/01 Depth: 50			Well ID:075-02 Date:10/26/01 Depth: 50			Well ID:083-01 Date:02/21/01 Depth: 85		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	3.6	.5		ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.26	.5	J	.32	.5	J	6	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	.81	.5		ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.64	.5		ND	.5	U	ND	.5	U
Trichlorofluoromethane	.53	.5		ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	5.84	0		.32	0		6	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Central)

	Well ID:083-01 Date:05/15/01 Depth: 85			Well ID:083-01 Date:08/09/01 Depth: 85			Well ID:083-01 Date:10/29/01 Depth: 85		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	5.2	.5		4.1	.5		5.6	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	.25	.5	J	ND	.8	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	5.45	0		4.1	0		5.6	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Central)

	Well ID:083-02 Date:02/21/01 Depth: 135			Well ID:083-02 Date:05/15/01 Depth: 135			Well ID:083-02 Date:08/09/01 Depth: 135		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	15.8	.5		14.6	.5		14.9	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.5	U	ND	.5	U	ND	1.3	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	15.8	0		14.6	0		14.9	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Central)

	Well ID:083-02 Date:10/29/01 Depth: 135			Well ID:084-04 Date:02/21/01 Depth: 150			Well ID:084-04 Date:05/15/01 Depth: 150		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	8	.5		7.2	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	3.3	.5		3.1	.5	
1,1-Dichloroethylene	ND	.5	U	3.9	.5		3.8	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	12.8	.5		1.5	.5		1.3	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	.27	.5	J	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	12.8	0		16.97	0		15.4	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Central)

	Well ID:084-04 Date:08/10/01 Depth: 150			Well ID:084-04 Date:10/26/01 Depth: 150			Well ID:084-05 Date:02/21/01 Depth: 184		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	7.8	.5		8.9	.5		ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	2.8	.5		3.1	.5		ND	.5	U
1,1-Dichloroethylene	4.1	.5		4.5	.5		ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.4	.5		1.6	.5		ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	1.9	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.27	.5	J	.34	.5	J	ND	.5	U
Trichlorofluoromethane	ND	.5	U	1.5	.5		ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	16.37	0		19.94	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Central)

	Well ID:084-05 Date:05/15/01 Depth: 184			Well ID:084-05 Date:08/09/01 Depth: 184			Well ID:084-05 Date:10/26/01 Depth: 184		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		0	0		.37	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Central)

	Well ID:096-07 Date:02/20/01 Depth: 35			Well ID:096-07 Date:05/16/01 Depth: 35			Well ID:096-07 Date:08/10/01 Depth: 35		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.76	.5		.32	.5	J	.61	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.5	U	ND	.5	U	ND	1.2	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	.32	.5	J	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.58	.5		ND	.5	U	.47	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.66	0		.32	0		1.08	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Central)

	Well ID:096-07 Date:10/29/01 Depth: 35			Well ID:105-05 Date:02/20/01 Depth: 25			Well ID:105-05 Date:05/15/01 Depth: 25		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.93	.5		ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.94	.5		ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.87	0		0	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Central)

	Well ID:105-05 Date:08/10/01 Depth: 25			Well ID:105-05 Date:10/29/01 Depth: 25			Well ID:105-06 Date:02/20/01 Depth: 75		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	5.5	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	.6	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	.66	.5	
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	.28	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		0	0		7.04	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Central)

	Well ID:105-06 Date:05/16/01 Depth: 75			Well ID:105-06 Date:08/10/01 Depth: 75			Well ID:105-06 Date:10/29/01 Depth: 75		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	4.2	.5		22.7	.5		6.4	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	.66	.5		3.3	.5		.91	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.69	.5		.3	.5	J	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	.92	.5		.48	.5	J	.76	.5	
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.31	.5	J	.81	.5		.4	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	6.78	0		27.59	0		8.47	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Central)

	Well ID:105-25 Date:02/20/01 Depth: 148			Well ID:105-25 Date:05/16/01 Depth: 148			Well ID:105-25 Date:08/10/01 Depth: 148		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	3.7	.5		6.2	.5		5.9	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	1.3	.5		1.5	.5		1.3	.5	
1,1-Dichloroethylene	1.2	.5		1.9	.5		1.8	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	.35	.5	J
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	2.3	.5		2.2	.5		1.9	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.5	U	ND	.5	U	1	.5	
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	2.7	.5		1.8	.5		2	.5	
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.33	.5	J	ND	.5	U	.26	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	11.53	0		13.6	0		14.51	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Central)

	Well ID:105-25 Date:10/29/01 Depth: 148			Well ID:105-25 Date:12/12/01 Depth: 148			Well ID:106-19 Date:02/20/01 Depth: 253		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	5	.5		4.4	.5		.64	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	1.3	.5		1.3	.5		ND	.5	U
1,1-Dichloroethylene	1.6	.5		1.2	.5		ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	.29	.5	JB	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	1.8	U	1	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	3.1	.5		2.6	.5		.4	.5	J
Toluene	ND	.5	U	ND	.55	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.31	.5	J	.28	.5	J	.45	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	11.6	0		9.78	0		2.49	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Central)

	Well ID:106-19 Date:05/16/01 Depth: 253			Well ID:106-19 Date:08/10/01 Depth: 253			Well ID:106-19 Date:10/26/01 Depth: 253		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.8	.5		.78	.5		.76	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	.32	.5	J	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.2	.5		1.2	.5		1.3	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.5	U	ND	2.8	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	.39	.5	J	.42	.5	J	.72	.5	
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.46	.5	J	.49	.5	J	.54	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	2.85	0		3.21	0		3.32	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Central)

	Well ID:109-03 Date:02/21/01 Depth: 130			Well ID:109-03 Date:05/15/01 Depth: 130			Well ID:109-03 Date:08/10/01 Depth: 130		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.38	.5	J	.38	.5	J	.34	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.38	0		.38	0		.34	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Central)

	Well ID:109-03 Date:10/29/01 Depth: 130			Well ID:109-04 Date:02/21/01 Depth: 213			Well ID:109-04 Date:05/15/01 Depth: 213		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		0	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Central)

	Well ID:109-04 Date:08/10/01 Depth: 217			Well ID:109-04 Date:10/29/01 Depth: 213			Well ID:113-06 Date:02/20/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	1	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		0	0		1	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Central)

	Well ID:113-06 Date:05/15/01 Depth: 50			Well ID:113-06 Date:08/10/01 Depth: 50			Well ID:113-06 Date:11/20/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.1	.5		1.1	.5		1.8	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.5	U	ND	1.4	U	ND	2.4	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	.26	.5	J
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.1	0		1.1	0		3.54	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Central)

	Well ID:113-07 Date:02/20/01 Depth: 99			Well ID:113-07 Date:05/16/01 Depth: 99			Well ID:113-07 Date:08/09/01 Depth: 99		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	1.4	.5		.92	.5		6.2	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	.39	.5	J	ND	.5	U	3	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methyl tert-butyl ether									
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	23.4	.5		16.5	.5		8.8	.5	
Toluene	ND	.5	U	ND	.5	U	.68	.5	
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	.55	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	25.19	0		17.42	0		19.23	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (Central)

	Well ID:113-07 Date:10/26/01 Depth: 99			Well ID:113-07 Date:11/20/01 Depth: 99		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	11.4	.5		12.7	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	2.8	.5		3.1	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	.45	.5	J
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U
Methyl tert-butyl ether						
Methylene chloride	ND	.5	U	ND	1.9	U
n-Butylbenzene	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U
Tetrachloroethylene	22.6	.5		28	.5	
Toluene	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U
TVOC	36.8	0		44.25	0	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (Central)

	Well ID: 064-03 Date: 05/15/01 Depth: 48				Well ID: 064-03 Date: 08/10/01 Depth: 45				Well ID: 064-03 Date: 11/06/01 Depth: 48			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241					<MDL	15.8	10.4	U				
Beryllium-7					<MDL	32.3	19.4	U				
Bismuth-214	27.9	0	4.9941									
Cesium-134					<MDL	2.97	1.94	U				
Cesium-137					<MDL	3.1	1.77	U				
Co-60					<MDL	3.19	1.77	U				
Cobalt-57					<MDL	2.84	1.64	U				
Europium-152					<MDL	8.49	4.85	U				
Europium-154					<MDL	12.6	7.11	U				
Europium-155					<MDL	10.6	6.24	U				
Gross Alpha					<MDL	1.58	.795	UJ				
Gross Beta					5.01	1.05	.579	J				
Lead-212	6.57	0	4.8552									
Lead-214	28.5	0	5.9024									
Manganese-54					<MDL	2.77	1.63	U				
Sodium-22	1.89	0	1.2884		<MDL	4.55	2.55	U	13.1	0	1.9074	
Strontium-90					<MDL	.537	.267	U				
Tritium	<MDL	303	208	U	<MDL	327	200	U	<MDL	405	233	U
Zinc-65					<MDL	7.1	3.81	U				

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (Central)

	Well ID: 065-02 Date: 07/23/01 Depth: 60				Well ID: 065-02 Date: 08/10/01 Depth: 50				Well ID: 065-02 Date: 10/31/01 Depth: 60			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241					<MDL	6.95	4.59	U				
Beryllium-7					<MDL	43.5	29.5	U				
Bismuth-214												
Cesium-134					<MDL	3.62	2.11	U				
Cesium-137					<MDL	4.3	2.35	U				
Co-60					<MDL	3.94	2.1	U				
Cobalt-57					<MDL	2.74	1.59	U				
Europium-152					<MDL	10.4	6.07	U				
Europium-154					<MDL	14.1	7.11	U				
Europium-155					<MDL	10.4	6.04	U				
Gross Alpha					<MDL	2.39	1.73	UJ-DL				
Gross Beta					5.11	1.56	2.92	J				
Lead-212												
Lead-214												
Manganese-54					<MDL	3.98	2.25	U				
Sodium-22					<MDL	5.1	2.56	U				
Strontium-90					<MDL	.416	.211	U				
Tritium	898	300	235		1360	325	248		9430	381	601	
Zinc-65					<MDL	9.45	5.92	U				

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (Central)

	Well ID: 065-05 Date: 08/09/01 Depth: 60				Well ID: 066-08 Date: 08/10/01 Depth: 45				Well ID: 066-09 Date: 08/10/01 Depth: 85			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	15.5	8.9	U	<MDL	18	10.5	U	<MDL	5.31	3.19	U
Beryllium-7	<MDL	24.4	13.5	U	<MDL	34.4	22	U	<MDL	35.6	19.6	U
Bismuth-214												
Cesium-134	<MDL	2.68	1.74	U	<MDL	2.64	1.49	U	<MDL	2.86	1.85	U
Cesium-137	<MDL	3.08	1.55	U	<MDL	2.81	2.37	U	<MDL	3.32	1.86	U
Co-60	<MDL	3.01	1.69	U	<MDL	4.22	2.14	U	<MDL	3.9	2.07	U
Cobalt-57	<MDL	2.42	1.39	U	<MDL	2.69	1.55	U	<MDL	2.41	1.41	U
Europium-152	<MDL	8.72	4.8	U	<MDL	8.88	6.25	U	<MDL	7.82	4.81	U
Europium-154	<MDL	10.8	5.39	U	<MDL	7.22	4.62	U	<MDL	8.94	4.73	U
Europium-155	<MDL	10.5	6.07	U	<MDL	11.7	6.61	U	<MDL	8.78	5.47	U
Gross Alpha	<MDL	2.2	1.15	UJ-DL	<MDL	.555	.278	U	<MDL	.563	.232	U
Gross Beta	4.97	1.68	.757	J	3.76	1.1	.599	J	1.59	.951	.463	J
Lead-212												
Lead-214												
Manganese-54	<MDL	2.82	1.75	U	<MDL	2.96	1.64	U	<MDL	3.46	1.92	U
Sodium-22	<MDL	3.87	1.92	U	<MDL	2.6	1.66	U	<MDL	3.22	1.7	U
Strontium-90	.528	.433	.24	J-N2	.465	.392	.214	J-N2	<MDL	.729	.374	U
Tritium	397	318	202	J-N2	<MDL	365	216	U	481	334	214	J-N2
Zinc-65	<MDL	5.99	3.32	U	<MDL	5.99	3.79	U	<MDL	6.71	3.74	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (Central)

	Well ID: 072-03 Date: 08/09/01 Depth: 41				Well ID: 072-04 Date: 08/09/01 Depth: 168				Well ID: 075-01 Date: 08/09/01 Depth: 50			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	16.2	9.22	U	<MDL	16.2	10.1	U	<MDL	16.4	10.1	U
Beryllium-7	<MDL	27.8	15.8	U	<MDL	23.5	13	U	<MDL	26.1	14.9	U
Bismuth-214												
Cesium-134	<MDL	2.74	1.93	U	<MDL	2.39	.996	U	<MDL	2.51	2.87	U
Cesium-137	<MDL	3.23	2.12	U	<MDL	3.22	1.78	U	<MDL	3.23	1.73	U
Co-60	<MDL	3.25	1.75	U	<MDL	3.43	1.51	U	<MDL	2.68	1.39	U
Cobalt-57	<MDL	2.92	1.65	U	<MDL	2.51	1.44	U	<MDL	2.75	1.59	U
Europium-152	<MDL	8.52	4.79	U	<MDL	8.38	4.84	U	<MDL	9.41	6.87	U
Europium-154	<MDL	7.85	3.44	U	<MDL	7.86	4.36	U	<MDL	6.8	4.16	U
Europium-155	<MDL	10.9	6.63	U	<MDL	9.89	5.6	U	<MDL	11.6	6.56	U
Gross Alpha	<MDL	1.66	.87	UJ	<MDL	1.25	1.24	UJ	<MDL	1.75	.878	UJ
Gross Beta	<MDL	1.14	.564	UJ	<MDL	1.55	1.7	UJ	1.26	.908	.509	J-N2
Lead-212												
Lead-214												
Manganese-54	<MDL	2.7	1.55	U	<MDL	2.58	1.54	U	<MDL	3.32	1.76	U
Sodium-22	<MDL	3.14	1.23	U	<MDL	2.82	1.56	U	<MDL	2.44	1.49	U
Strontium-90	<MDL	.474	.242	U	<MDL	.368	.211	UJ-T	<MDL	.516	.263	U
Tritium	<MDL	334	207	U	385	341	214	J-N2	436	329	209	J-N2
Zinc-65	<MDL	6.82	4.01	U	<MDL	5.71	3.14	U	<MDL	6.37	3.66	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (Central)

	Well ID: 075-02 Date: 08/09/01 Depth: 50				Well ID: 083-01 Date: 08/09/01 Depth: 85				Well ID: 083-02 Date: 08/09/01 Depth: 135			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	16.9	9.79	U	<MDL	2.74	1.76	U	<MDL	5.27	3.43	U
Beryllium-7	<MDL	26	14.2	U	<MDL	16.4	9.41	U	<MDL	27.5	15.5	U
Bismuth-214												
Cesium-134	<MDL	2.49	1.58	U	<MDL	1.82	1.1	U	<MDL	2.73	1.61	U
Cesium-137	<MDL	3.28	1.84	U	<MDL	2.43	1.31	U	<MDL	3	2	U
Co-60	<MDL	2.54	1.95	U	<MDL	2.27	1.27	U	<MDL	3.06	1.64	U
Cobalt-57	<MDL	2.81	1.64	U	<MDL	1.13	.67	U	<MDL	2.17	1.35	U
Europium-152	<MDL	8.38	4.51	U	<MDL	4.91	2.91	U	<MDL	8.22	4.77	U
Europium-154	<MDL	8.7	4.63	U	<MDL	6.57	3.66	U	<MDL	9.25	5.1	U
Europium-155	<MDL	10.9	6.33	U	<MDL	4.62	2.59	U	11.6	8.63	9.27	J-IN2
Gross Alpha	<MDL	2.11	.86	UJ-DL	<MDL	1.77	1.27	UJ	<MDL	1.27	.519	UJ
Gross Beta	<MDL	1.09	.884	UJ	<MDL	1.44	.935	UJ	<MDL	.732	.306	UJ
Lead-212												
Lead-214												
Manganese-54	<MDL	2.66	1.49	U	<MDL	2.13	1.17	U	<MDL	3.06	1.71	U
Sodium-22	<MDL	3.11	1.66	U	<MDL	2.35	1.31	U	<MDL	3.31	1.82	U
Strontium-90	<MDL	.599	.3	UJ-T	<MDL	.443	.209	U	<MDL	.438	.207	U
Tritium	<MDL	346	213	U	354	343	214	J-N2	438	334	213	J-N2
Zinc-65	<MDL	6.43	4.08	U	<MDL	4.2	2.47	U	<MDL	7.21	4.09	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (Central)

	Well ID: 084-04 Date: 08/10/01 Depth: 150				Well ID: 084-05 Date: 08/09/01 Depth: 184				Well ID: 096-07 Date: 08/10/01 Depth: 35			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	17.4	10.1	U	<MDL	15	11.5	U	<MDL	16.5	10.4	U
Beryllium-7	<MDL	32.5	18.5	U	<MDL	24.9	14.2	U	<MDL	32.8	18.5	U
Bismuth-214												
Cesium-134	<MDL	2.51	1.8	U	<MDL	2.54	1.62	U	<MDL	3.02	1.75	U
Cesium-137	<MDL	3.15	2.05	U	<MDL	3.2	1.7	U	<MDL	2.77	1.57	U
Co-60	<MDL	2.95	1.53	U	<MDL	3.4	2.14	U	<MDL	3.09	1.83	U
Cobalt-57	<MDL	2.69	1.59	U	<MDL	2.55	1.46	U	<MDL	2.78	1.62	U
Europium-152	<MDL	9.07	4.85	U	<MDL	8.19	4.57	U	<MDL	8.5	4.88	U
Europium-154	<MDL	8.97	5.9	U	<MDL	7.03	4.57	U	<MDL	9.85	5.46	U
Europium-155	<MDL	11.2	6.7	U	<MDL	10.9	6.18	U	<MDL	11.5	6.58	U
Gross Alpha	<MDL	1.15	.483	UJ	<MDL	1.31	.467	UJ	<MDL	2.03	.859	UJ-DL
Gross Beta	<MDL	1.96	.889	UJ	<MDL	.803	.311	UJ	<MDL	3.88	1.67	UJ
Lead-212												
Lead-214												
Manganese-54	<MDL	3.06	1.66	U	<MDL	2.72	1.59	U	<MDL	2.84	1.69	U
Sodium-22	<MDL	3.23	2.13	U	<MDL	2.51	1.63	U	<MDL	3.55	1.97	U
Strontium-90	<MDL	.538	.249	UJ-T	<MDL	.74	.421	UJ-T	<MDL	.402	.202	U
Tritium	389	327	206	J-N2	<MDL	347	209	U	<MDL	326	202	U
Zinc-65	<MDL	6.68	4.18	U	<MDL	7.33	3.78	U	<MDL	6.75	3.79	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (Central)

	Well ID: 105-05 Date: 08/10/01 Depth: 25				Well ID: 105-06 Date: 08/10/01 Depth: 75				Well ID: 105-25 Date: 08/10/01 Depth: 148			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	15.8	11.5	U	<MDL	12	6.66	U	<MDL	19.2	15.8	U
Beryllium-7	<MDL	28.1	20.3	U	<MDL	25.3	13.7	U	<MDL	30.5	19.8	U
Bismuth-214												
Cesium-134	<MDL	2.71	1.59	U	<MDL	2.2	1.23	U	<MDL	2.68	1.25	U
Cesium-137	2.86	2.71	2.89	J-IN2	<MDL	2.31	1.31	U	<MDL	3.12	1.67	U
Co-60	<MDL	3.73	1.99	U	<MDL	2.7	1.37	U	<MDL	2.95	1.74	U
Cobalt-57	<MDL	2.49	1.46	U	<MDL	2.03	1.16	U	<MDL	2.62	1.48	U
Europium-152	<MDL	9.02	5.15	U	<MDL	6.52	4.05	U	<MDL	8.06	5.03	U
Europium-154	9.95	8.31	12.2	J-IN2	<MDL	6.17	3.33	U	<MDL	8.49	4.47	U
Europium-155	<MDL	9.86	5.5	U	<MDL	8.21	6.69	U	<MDL	11.1	6.41	U
Gross Alpha	<MDL	1.97	1.08	UJ	<MDL	1.71	.768	UJ	<MDL	2.11	.83	UJ-DL
Gross Beta	<MDL	1.48	1.17	UJ	3.22	2.8	1.43	J-N2	<MDL	1.16	.411	UJ
Lead-212												
Lead-214												
Manganese-54	<MDL	2.86	1.66	U	<MDL	2.23	1.56	U	<MDL	2.39	1.53	U
Sodium-22	3.59	2.88	4.38	J-IN2	<MDL	2.22	1.2	U	<MDL	3.06	1.65	U
Strontium-90	<MDL	.517	.246	UJ-T	<MDL	.628	.302	U	<MDL	.365	.166	U
Tritium	<MDL	354	211	U	<MDL	356	215	U	<MDL	326	200	U
Zinc-65	<MDL	6.03	3.53	U	<MDL	4.84	3.63	U	<MDL	5.99	3.56	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (Central)

	Well ID: 106-19 Date: 08/10/01 Depth: 253				Well ID: 109-03 Date: 08/10/01 Depth: 130				Well ID: 109-04 Date: 08/10/01 Depth: 217			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	15.4	8.68	U	<MDL	18.1	10.1	U	<MDL	17.9	9.88	U
Beryllium-7	<MDL	31.4	16.9	U	<MDL	28.9	15.9	U	<MDL	31.4	17.1	U
Bismuth-214												
Cesium-134	<MDL	2.59	1.56	U	<MDL	2.47	1.45	U	<MDL	2.79	1.79	U
Cesium-137	<MDL	2.88	1.62	U	<MDL	3.13	1.67	U	<MDL	2.49	1.54	U
Co-60	<MDL	3.46	2.02	U	<MDL	3.18	1.68	U	<MDL	3.1	1.78	U
Cobalt-57	<MDL	2.61	1.51	U	<MDL	2.38	1.34	U	<MDL	2.8	1.61	U
Europium-152	<MDL	8.42	4.49	U	<MDL	7.6	4.46	U	<MDL	8.13	4.7	U
Europium-154	<MDL	9.83	5.03	U	<MDL	9.2	4.9	U	<MDL	9.42	4.93	U
Europium-155	<MDL	10.9	6.05	U	<MDL	10.1	5.86	U	<MDL	11.1	6.23	U
Gross Alpha	.787	.72	.382	J-N2	<MDL	1.48	.801	UJ	<MDL	1.74	.68	UJ
Gross Beta	1.41	1.09	.505	J-N2	<MDL	3.26	1.34	UJ	<MDL	1.32	.667	UJ
Lead-212												
Lead-214												
Manganese-54	<MDL	2.98	1.67	U	<MDL	2.84	1.58	U	<MDL	2.89	1.65	U
Sodium-22	<MDL	3.54	1.81	U	<MDL	3.32	1.68	U	<MDL	3.39	1.77	U
Strontium-90	<MDL	.424	.18	U	<MDL	.497	.239	UJ-T	<MDL	.565	.305	UJ-T
Tritium	<MDL	349	208	U	<MDL	330	200	U	<MDL	350	212	U
Zinc-65	<MDL	6.29	3.54	U	<MDL	6.55	3.85	U	<MDL	6.36	3.75	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (Central)

	Well ID: 113-06 Date: 08/10/01 Depth: 50				Well ID: 113-07 Date: 08/09/01 Depth: 99				Well ID: 113-07 Date: 11/20/01 Depth: 99			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	15.7	9.89	U	<MDL	16.2	10	U				
Beryllium-7	<MDL	29.3	17	U	<MDL	21.1	20	U				
Bismuth-214												
Cesium-134	<MDL	2.66	1.51	U	<MDL	3.08	1.67	U				
Cesium-137	<MDL	2.76	1.61	U	<MDL	3.14	1.7	U				
Co-60	<MDL	3.23	1.75	U	<MDL	3.09	1.66	U				
Cobalt-57	<MDL	2.58	1.43	U	<MDL	2.47	1.41	U				
Europium-152	<MDL	8.35	4.87	U	<MDL	8.6	5.21	U				
Europium-154	<MDL	7.78	4.63	U	<MDL	7.59	4.83	U				
Europium-155	<MDL	10.2	5.76	U	<MDL	10.9	6.08	U				
Gross Alpha	.774	.338	.275	J	<MDL	1.81	.653	UJ				
Gross Beta	4.82	1.05	.607		<MDL	1.49	.549	UJ				
Lead-212												
Lead-214												
Manganese-54	<MDL	2.73	1.97	U	<MDL	2.11	1.37	U				
Sodium-22	<MDL	2.79	1.66	U	<MDL	2.71	1.72	U				
Strontium-90	1.02	.512	.286	J-T	<MDL	.555	.252	UJ-T				
Tritium	<MDL	343	205	U	<MDL	344	209	U	<MDL	369	212	U
Zinc-65	<MDL	5.68	2.97	U	<MDL	6.04	3.2	U				

OU III (AOC 29 HFBR TRITIUM)

ANALYTICAL RESULTS

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:065-01 Date:01/12/01 Depth: 52			Well ID:065-01 Date:07/11/01 Depth: 52			Well ID:065-37 Date:02/22/01 Depth: 73		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	1.9	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	1.2	.5	
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.41	.5	J	.51	.5		ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	1.5	U	ND	.5	U	ND	1.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	.53	.5		1.5	.5	
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.41	0		1.04	0		4.6	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:065-37 Date:07/24/01 Depth: 73			Well ID:065-38 Date:01/30/01 Depth: 63			Well ID:065-38 Date:07/19/01 Depth: 63		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	1.1	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		0	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:065-39 Date:01/30/01 Depth: 87			Well ID:065-39 Date:07/24/01 Depth: 87			Well ID:065-39 Date:10/24/01 Depth: 87		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	1.8	.5		2.2	.5		.88	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	.3	.5	J	.4	.5	J	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	2.5	.5		.47	.5	J	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	1.1	.5		ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	5.7	0		3.07	0		.88	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:065-40 Date:01/30/01 Depth: 107			Well ID:065-40 Date:07/19/01 Depth: 107			Well ID:065-40 Date:10/17/01 Depth: 107		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	1.1	.5		2.4	.5		12.7	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	.27	.5	J	.44	.5	J	3.3	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	5.2	.5		4	.5		3.1	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	6.57	0		6.84	0		19.1	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:065-41 Date:02/08/01 Depth: 52			Well ID:065-41 Date:07/19/01 Depth: 52			Well ID:065-42 Date:02/08/01 Depth: 53		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		0	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:065-42 Date:07/19/01 Depth: 53			Well ID:075-11 Date:02/22/01 Depth: 62			Well ID:075-11 Date:07/24/01 Depth: 62		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.54	U	.44	.5	J
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.28	0		0	0		.44	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:075-12 Date:02/22/01 Depth: 64			Well ID:075-12 Date:07/23/01 Depth: 64			Well ID:075-39 Date:02/22/01 Depth: 52		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	1.3	U	.9	.5		ND	1.6	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		.9	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:075-39 Date:07/24/01 Depth: 52			Well ID:075-40 Date:02/22/01 Depth: 123			Well ID:075-40 Date:07/24/01 Depth: 123		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	4.3	.5		3	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	.64	.5		.32	.5	J
1,1-Dichloroethylene	ND	.5	U	1.3	.5		1.1	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	2.2	.5		1.1	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	1.8	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	1.1	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		8.44	0		5.52	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:075-40 Date:11/01/01 Depth: 123			Well ID:075-41 Date:02/22/01 Depth: 196			Well ID:075-41 Date:07/24/01 Depth: 196		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	1.6	.5		7.2	.5		7.1	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	1.4	.5		1.3	.5	
1,1-Dichloroethylene	.69	.5		3	.5		3	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.5	.5		.27	.5	J	.29	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	1.2	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	1.2	.5		1.1	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	3.79	0		13.07	0		12.79	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:075-41 Date:11/01/01 Depth: 196			Well ID:075-42 Date:02/22/01 Depth: 62			Well ID:075-42 Date:07/24/01 Depth: 52		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	6.7	.5		ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	.9	.5		ND	.5	U	ND	.5	U
1,1-Dichloroethylene	2.9	.5		ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.1	.5		ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	3.9	U	.36	.5	J
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.87	.5		ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	12.47	0		0	0		.36	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:075-43 Date:02/22/01 Depth: 52			Well ID:075-43 Date:08/03/01 Depth: 52			Well ID:075-44 Date:02/22/01 Depth: 52		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.91	U	ND	.5	U	ND	1	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		0	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:075-44 Date:07/23/01 Depth: 52			Well ID:075-45 Date:02/22/01 Depth: 54			Well ID:075-45 Date:07/23/01 Depth: 54		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	1.1	.5		ND	1.7	U	1.4	.5	
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	.26	.5	J	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.36	0		0	0		1.4	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:075-46 Date:02/07/01 Depth: 38			Well ID:075-46 Date:07/20/01 Depth: 38			Well ID:075-47 Date:02/06/01 Depth: 37		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	.31	.5	JB	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	1.4	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	.42	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		.31	0		.42	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:075-47 Date:07/16/01 Depth: 36			Well ID:075-48 Date:02/06/01 Depth: 68			Well ID:075-48 Date:07/16/01 Depth: 68		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.31	.5	J	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.07	0		0	0		.79	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:075-50 Date:02/12/01 Depth: 36			Well ID:075-50 Date:07/20/01 Depth: 36			Well ID:075-85 Date:02/07/01 Depth: 68		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	.72	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	1.1	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		0	0		.72	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:075-85 Date:07/20/01 Depth: 68			Well ID:075-85 Date:10/24/01 Depth: 68			Well ID:075-86 Date:02/07/01 Depth: 108		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	1.2	.5		1.1	.5		2.9	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	.25	.5	J
1,1-Dichloroethylene	ND	.5	U	.27	.5	J	.64	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.35	.5	J	.31	.5	J	.27	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	.48	.5	J	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	.42	.5	JB	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.66	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	2.45	0		1.68	0		4.06	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:075-86 Date:07/20/01 Depth: 108			Well ID:075-86 Date:10/24/01 Depth: 108			Well ID:075-87 Date:02/06/01 Depth: 108		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	1.6	.5		2.1	.5		3.2	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	.75	.5		.34	.5	J	.48	.5	J
1,1-Dichloroethylene	.36	.5	J	.74	.5		.95	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.3	.5		2.3	.5		.26	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	.42	.5	J	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	.29	.5	JB	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	.5	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	4.72	0		5.48	0		5.39	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:075-87 Date:07/16/01 Depth: 108			Well ID:075-88 Date:02/27/01 Depth: 68			Well ID:075-88 Date:07/30/01 Depth: 68		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	3.6	.5		.26	.5	J	.81	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	.51	.5		ND	.5	U	ND	.5	U
1,1-Dichloroethylene	1.4	.5		ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.86	.5		ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	7.13	0		.26	0		.81	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:075-89 Date:03/01/01 Depth: 108			Well ID:075-89 Date:08/01/01 Depth: 108			Well ID:075-89 Date:10/25/01 Depth: 108		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	1.4	.5		1.8	.5		2.3	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	.27	.5	J	.39	.5	J	.5	.5	
1,1-Dichloroethylene	.33	.5	J	.44	.5	J	.65	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	.57	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.57	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	.28	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	2	0		2.63	0		4.3	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:075-208 Date:03/01/01 Depth: 58			Well ID:075-208 Date:08/01/01 Depth: 58			Well ID:075-209 Date:03/01/01 Depth: 92		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	8.3	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	1.2	.5	
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	3	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	1.8	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	.27	.5	J	ND	.5	U	.29	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.27	0		0	0		14.59	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:075-209 Date:08/01/01 Depth: 97			Well ID:075-210 Date:02/07/01 Depth: 59			Well ID:075-210 Date:07/12/01 Depth: 58		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	2.4	.5		4.2	.5		5.2	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	.29	.5	J	.88	.5		1.1	.5	
1,1-Dichloroethylene	.94	.5		1.5	.5		1.6	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.9	.5		.62	.5		.64	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	.42	.5	J
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	5.53	0		7.2	0		8.96	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:075-210 Date:10/17/01 Depth: 59			Well ID:075-211 Date:02/07/01 Depth: 97			Well ID:075-211 Date:07/12/01 Depth: 97		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	7.9	.5		ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	2.1	.5		ND	.5	U	ND	.5	U
1,1-Dichloroethylene	2.9	.5		ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.68	.5		ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	.64	.5	
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.56	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	13.58	0		0	0		.64	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:076-10 Date:02/08/01 Depth: 40			Well ID:076-10 Date:07/20/01 Depth: 30			Well ID:076-171 Date:02/08/01 Depth: 110		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.27	.5	J	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	.36	.5	JB	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.27	0		.36	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:076-171 Date:07/19/01 Depth: 110			Well ID:076-172 Date:02/05/01 Depth: 120			Well ID:076-172 Date:06/29/01 Depth: 120		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		0	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:076-173 Date:01/12/01 Depth: 44			Well ID:076-173 Date:06/29/01 Depth: 44			Well ID:076-174 Date:01/12/01 Depth: 112		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	1.3	U	ND	.5	U	ND	1.6	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		0	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:076-174 Date:06/29/01 Depth: 112			Well ID:076-175 Date:01/12/01 Depth: 152			Well ID:076-175 Date:06/29/01 Depth: 152		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	.26	.5	J	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		0	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:076-177 Date:02/05/01 Depth: 114			Well ID:076-177 Date:06/29/01 Depth: 104			Well ID:077-10 Date:01/12/01 Depth: 99		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	1.6	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		0	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:077-10 Date:06/29/01 Depth: 104			Well ID:077-11 Date:02/06/01 Depth: 120			Well ID:077-11 Date:06/29/01 Depth: 120		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.52	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	.28	.5	J	ND	.5	U	.31	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.28	0		0	0		.31	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:085-01 Date:01/09/01 Depth: 75			Well ID:085-01 Date:07/03/01 Depth: 85			Well ID:085-01 Date:10/08/01 Depth: 75		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.62	.5		.5	.5		ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	.26	.5	J	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.31	.5	J	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	.88	.5		ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.19	0		1.38	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:085-02 Date:01/09/01 Depth: 145			Well ID:085-02 Date:07/02/01 Depth: 145			Well ID:085-02 Date:10/08/01 Depth: 145		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	18.5	.5		9.3	.5		8.2	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	.35	.5	J	.27	.5	J
1,1-Dichloroethylene	8.7	.5		4.4	.5		4.1	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.64	.5		.54	.5		.45	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.52	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	1.1	.5	B	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	.31	.5	J	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	27.84	0		16	0		13.02	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:085-39 Date:01/31/01 Depth: 31			Well ID:085-39 Date:07/11/01 Depth: 31			Well ID:085-40 Date:01/18/01 Depth: 90		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.99	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	1.1	.5	
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		0	0		1.1	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:085-40 Date:07/11/01 Depth: 90			Well ID:085-41 Date:01/31/01 Depth: 190			Well ID:085-41 Date:07/11/01 Depth: 190		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	3.1	.5		.48	.5	J
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	.31	.5	J	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	1.5	.5		ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.27	.5	J	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	.27	.5	J
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.62	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.27	0		4.91	0		.75	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:085-41 Date:10/15/01 Depth: 90			Well ID:085-65 Date:01/31/01 Depth: 88			Well ID:085-65 Date:07/12/01 Depth: 88		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.31	.5	J	3.3	.5		3.8	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	.56	.5		.74	.5	
1,1-Dichloroethylene	ND	.5	U	.85	.5		.96	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.39	.5	J	4	.5		4.3	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	.5	.5	
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	.26	.5	J	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.96	0		8.71	0		10.3	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:085-66 Date:01/31/01 Depth: 123			Well ID:085-66 Date:07/12/01 Depth: 123			Well ID:085-67 Date:02/07/01 Depth: 88		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	2	.5		1.7	.5		.38	.5	J
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	.81	.5		.6	.5		ND	.5	U
1,1-Dichloroethylene	.75	.5		.68	.5		ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	3.6	.5		3.5	.5		ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	.84	.5		ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	7.16	0		7.32	0		.88	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:085-67 Date:07/02/01 Depth: 88			Well ID:085-68 Date:02/07/01 Depth: 123			Well ID:085-68 Date:07/02/01 Depth: 123		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.62	.5		.29	.5	J	.32	.5	J
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	.28	.5	J
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	1.1	.5	B	ND	.5	U	1.1	.5	B
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.62	U	.29	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.72	0		.29	0		1.99	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:085-69 Date:01/31/01 Depth: 38			Well ID:085-69 Date:07/11/01 Depth: 38			Well ID:085-69 Date:10/15/01 Depth: 38		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	2.3	.5		4.4	.5		2.7	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.59	.5		1.3	.5		1.1	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	1.6	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	.26	.5	JB	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.9	U	.39	.5	J	.33	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	2.6	.5		6.1	.5		4.2	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	5.49	0		12.45	0		8.33	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:085-70 Date:01/31/01 Depth: 138			Well ID:085-70 Date:07/11/01 Depth: 138			Well ID:085-70 Date:10/15/01 Depth: 138		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	8.9	.5		1.7	.5		36.5	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	.7	.5	
1,1-Dichloroethylene	2.3	.5		.46	.5	J	13.5	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	.32	.5	J	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.3	.5	J	ND	.5	U	1.4	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	1	U	.32	.5	J	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	1.1	.5		.84	.5		1.2	.5	
Trichlorofluoromethane	1.2	.5		ND	.5	U	.83	.5	
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	14.12	0		3.32	0		54.13	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:085-71 Date:01/31/01 Depth: 198			Well ID:085-71 Date:07/11/01 Depth: 198			Well ID:085-72 Date:01/09/01 Depth: 138		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	6.1	.5		8.9	.5		.55	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	.46	.5	J	.39	.5	J	ND	.5	U
1,1-Dichloroethylene	2.3	.5		2.9	.5		ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	1.1	.5		1.7	.5		ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.89	.5		.82	.5		ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	.31	.5	J	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	.71	.5	B	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	.46	.5	J	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	3.3	.5		4.2	.5		ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	14.15	0		20.39	0		.55	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:085-72 Date:07/11/01 Depth: 138			Well ID:085-72 Date:10/08/01 Depth: 138			Well ID:085-73 Date:01/09/01 Depth: 38		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	.29	.5	J	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	.26	.5	J	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.76	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	.72	.5	B	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	.6	.5		ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.58	0		.29	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:085-73 Date:07/03/01 Depth: 38			Well ID:085-74 Date:01/08/01 Depth: 98			Well ID:085-74 Date:07/03/01 Depth: 98		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	2.6	.5		2.6	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	.25	.5	J	.34	.5	J
1,1-Dichloroethylene	ND	.5	U	1.6	.5		1.6	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	.58	.5	
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	.27	.5	J	.35	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		4.72	0		5.47	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:085-74 Date:10/08/01 Depth: 98			Well ID:085-75 Date:01/08/01 Depth: 193			Well ID:085-75 Date:07/03/01 Depth: 193		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.42	.5	J	8.6	.5		13.3	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	.56	.5		.66	.5	
1,1-Dichloroethylene	ND	.5	U	5.3	.5		8.1	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	.53	.5		1.1	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	.83	.5		.64	.5	
Trichlorofluoromethane	ND	.5	U	.52	.5		ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.42	0		16.34	0		23.8	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:085-75 Date:10/08/01 Depth: 193			Well ID:085-76 Date:01/09/01 Depth: 38			Well ID:085-76 Date:07/13/01 Depth: 38		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	17.4	.5		ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	.55	.5		ND	.5	U	ND	.5	U
1,1-Dichloroethylene	11.3	.5		ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.5	.5		ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.52	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.6	.5		ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	31.35	0		0	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:085-77 Date:01/09/01 Depth: 98			Well ID:085-77 Date:07/13/01 Depth: 98			Well ID:085-78 Date:02/22/01 Depth: 190		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	5.5	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	1.5	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.28	.5	J	.28	.5	J	.61	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	1	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	.36	.5	J
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	.33	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.28	0		.28	0		8.3	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:085-78 Date:07/13/01 Depth: 190			Well ID:085-78 Date:10/26/01 Depth: 190			Well ID:085-170 Date:02/13/01 Depth: 95		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	2.6	.5		1.5	.5		6.2	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	.51	.5		.29	.5	J	1.7	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	.68	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	.37	.5	J	.44	.5	J	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.32	.5	J	.34	.5	J	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	3.8	0		2.57	0		8.58	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:085-170 Date:07/19/01 Depth: 95			Well ID:085-171 Date:02/13/01 Depth: 130			Well ID:085-171 Date:07/19/01 Depth: 130		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	4.6	.5		6	.5		10.5	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	.41	.5	J	.93	.5	
1,1-Dichloroethylene	1.4	.5		1.9	.5		4.3	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.39	.5	J	.82	.5		1	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	.3	.5	J	.36	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	6.39	0		9.43	0		17.09	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:085-171 Date:10/15/01 Depth: 130			Well ID:086-09 Date:02/06/01 Depth: 130			Well ID:086-09 Date:06/29/01 Depth: 130		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	13.9	.5		ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	.8	.5		ND	.5	U	ND	.5	U
1,1-Dichloroethylene	5.3	.5		ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.88	.5		ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	.27	.5	J	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.33	.5	J	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	21.48	0		0	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:095-42 Date:01/10/01 Depth: 103			Well ID:095-42 Date:04/02/01 Depth: 103			Well ID:095-42 Date:07/02/01 Depth: 103		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	12.8	.5		14.6	.5		12.5	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	1.5	.5		1.2	.5		1.2	.5	
1,1-Dichloroethylene	7.6	.5		10	.5		8.8	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	3	.5		2.9	.5		2.6	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	1.1	.5	B
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	.37	.5	J	.38	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.97	.5		.79	.5		.85	.5	
Trichlorofluoromethane	ND	.5	U	.39	.5	J	.42	.5	J
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	25.87	0		30.25	0		27.85	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:095-42 Date:10/09/01 Depth: 103			Well ID:095-43 Date:02/12/01 Depth: 111			Well ID:095-43 Date:04/02/01 Depth: 111		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	8.1	.5		2.7	.5		4.1	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	1	.5		ND	.5	U	ND	.5	U
1,1-Dichloroethylene	5.9	.5		.78	.5		1.3	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.8	.5		.52	.5		.6	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	1	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	.35	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.72	.5		.32	.5	J	.4	.5	J
Trichlorofluoromethane	ND	.5	U	.72	.5		.48	.5	J
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	17.52	0		5.04	0		7.23	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:095-43 Date:07/03/01 Depth: 111			Well ID:095-43 Date:10/12/01 Depth: 111			Well ID:095-44 Date:01/23/01 Depth: 140		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	1.6	.5		.48	.5	J	1	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	.41	.5	J	ND	.5	U	.32	.5	J
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	.54	.5		ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.37	.5	J	ND	.5	U	.34	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	1.1	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	.67	.5		ND	.5	U	ND	.5	U
Toluene	ND	.5	U	.34	.5	J	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.41	.5	J	.55	.5		.79	.5	
Trichlorofluoromethane	.37	.5	J	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	4.93	0		1.91	0		2.45	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:095-44 Date:07/03/01 Depth: 140			Well ID:095-44 Date:07/20/01 Depth: 138			Well ID:095-44 Date:10/10/01 Depth: 140		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	3.8	.5		3.8	.5		1.7	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	1.2	.5		1.3	.5		.63	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.48	.5	J	.5	.5		.35	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	.46	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.4	.5	J	.42	.5	J	.38	.5	J
Trichlorofluoromethane	.81	.5		.97	.5		ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	6.69	0		6.99	0		3.52	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:095-45 Date:01/18/01 Depth: 111			Well ID:095-45 Date:04/02/01 Depth: 111			Well ID:095-45 Date:07/03/01 Depth: 138		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.9	.5		.87	.5		4	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	.36	.5	J	.31	.5	J	1.7	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	7.7	.5		9	.5		2.7	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	3.4	.5		3.9	.5		1.3	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	.38	.5	J	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	9.8	.5		11	.5		3.9	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	22.16	0		25.46	0		13.6	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:095-45 Date:10/12/01 Depth: 111			Well ID:095-46 Date:01/23/01 Depth: 138			Well ID:095-46 Date:07/03/01 Depth: 138		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	5	.5		2.1	.5		73.6	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	.69	.5	
1,1-Dichloroethylene	2.4	.5		.54	.5		10	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	1.4	.5		ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.76	.5		.5	.5		.3	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	3.4	.5		56.7	.5	
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	2.1	.5		ND	.5	U	1.2	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	11.66	0		6.54	0		142.49	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:095-46 Date:07/18/01 Depth: 138			Well ID:095-46 Date:10/10/01 Depth: 138			Well ID:095-47 Date:01/23/01 Depth: 198		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	65.6	.5		13.8	.5		2.8	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	.54	.5		ND	.5	U	.38	.5	J
1,1-Dichloroethylene	8.9	.5		2.6	.5		1.2	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	.32	.5	J	ND	.5	U	10.4	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.38	.5	J	.35	.5	J	.5	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	50.9	.5		22.4	.5		1.1	.5	
Toluene	ND	.5	U	.55	.5		ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	1.1	.5		.33	.5	J	1.6	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	127.74	0		40.03	0		17.98	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:095-47 Date:07/03/01 Depth: 198			Well ID:095-47 Date:10/10/01 Depth: 198			Well ID:095-48 Date:01/17/01 Depth: 114		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	2.2	.5		3.7	.5		7.8	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	.3	.5	J	ND	.5	U
1,1-Dichloroethylene	1.4	.5		2.7	.5		2.4	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	54.8	.5		33.8	.5		ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.2	.5		.94	.5		.37	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	1.1	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	.43	.5	J	.51	.5		ND	.5	U
Toluene	ND	.5	U	.5	.5		ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.99	.5		1	.5		ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	62.12	0		43.45	0		10.57	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:095-48 Date:08/03/01 Depth: 114			Well ID:095-51 Date:02/12/01 Depth: 113			Well ID:095-51 Date:04/02/01 Depth: 113		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	3.6	.5		5.7	.5		5.7	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	.63	.5		.48	.5	J
1,1-Dichloroethylene	1.6	.5		3.7	.5		3.5	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.3	.5	J	.75	.5		.64	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	2	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	.52	.5		.56	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	5.5	0		11.3	0		10.88	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:095-51 Date:07/02/01 Depth: 113			Well ID:095-51 Date:10/09/01 Depth: 113			Well ID:095-52 Date:01/23/01 Depth: 38		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	5.3	.5		1	.5		ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	.55	.5		ND	.5	U	ND	.5	U
1,1-Dichloroethylene	3.5	.5		.73	.5		ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.61	.5		ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	1.1	.5	B	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	.26	.5	J
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	.26	.5	J
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.46	.5	J	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	11.52	0		1.73	0		.52	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:095-52 Date:07/03/01 Depth: 38			Well ID:095-53 Date:01/10/01 Depth: 90			Well ID:095-53 Date:04/02/01 Depth: 90		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	.31	.5	J
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.41	.5	J	.37	.5	J	.51	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	.37	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.41	0		.37	0		1.19	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:095-53 Date:07/02/01 Depth: 90			Well ID:095-53 Date:10/09/01 Depth: 90			Well ID:095-54 Date:01/26/01 Depth: 122		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.34	.5	J	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.84	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	1.1	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	1.4	.5	
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.44	0		0	0		1.4	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:095-54 Date:07/18/01 Depth: 122			Well ID:095-54 Date:10/11/01 Depth: 122			Well ID:095-55 Date:01/26/01 Depth: 138		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	.26	.5	J	3.8	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	1.4	.5	
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	1.3	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	.27	.5	J
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	2.8	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.72	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	1.2	.5		.84	.5		2.4	.5	
Toluene	ND	.5	U	ND	.5	U	.41	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	.45	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	2.2	0		1.1	0		12.83	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:095-55 Date:07/16/01 Depth: 138			Well ID:095-87 Date:01/26/01 Depth: 138			Well ID:095-87 Date:07/03/01 Depth: 138		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	5	.5		8	2.5	D	6.4	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	1.7	.5		.87	.5		.58	.5	
1,1-Dichloroethylene	1.7	.5		2.9	2.5	D	2.7	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	.47	.5	J	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	308	2.5	D	85.4	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	3.5	.5		2.6	2.5	D	1.6	.5	
cis-1,2-Dichloroethylene	.56	.5		ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.71	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	2.8	.5		ND	.5	U	ND	.5	U
Toluene	ND	.5	U	.29	.5	J	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.5	.5		.58	.5		.51	.5	
Trichlorofluoromethane	ND	.5	U	1.3	.5		.33	.5	J
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	17.7	0		324.54	0		97.52	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:095-87 Date:10/10/01 Depth: 138			Well ID:095-88 Date:01/18/01 Depth: 160			Well ID:095-88 Date:04/18/01 Depth: 158		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	2.5	U	ND	2.5	U
1,1,1-Trichloroethane	6.7	.5		3.4	2.5		3.3	2.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	2.5	U	ND	2.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	2.5	U	ND	2.5	U
1,1-Dichloroethane	.5	.5		ND	2.5	U	ND	2.5	U
1,1-Dichloroethylene	3.2	.5		ND	2.5	U	ND	2.5	U
1,1-Dichloropropene	ND	.5	U	ND	2.5	U	ND	2.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	2.5	U	ND	2.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	2.5	U	ND	2.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	2.5	U	ND	2.5	U
1,2-Dichloroethane	ND	.5	U	ND	2.5	U	ND	2.5	U
1,2-Dichloropropane	ND	.5	U	ND	2.5	U	ND	2.5	U
1,3-Dichloropropane	ND	.5	U	ND	2.5	U	ND	2.5	U
2,2-Dichloropropane	ND	.5	U	ND	2.5	U	ND	2.5	U
Benzene	ND	.5	U	ND	2.5	U	ND	2.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	2.5	U	ND	2.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	2.5	U	ND	2.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	2.5	U	ND	2.5	U
Bromobenzene	ND	.5	U	ND	2.5	U	ND	2.5	U
Bromodichloromethane	ND	.5	U	ND	2.5	U	ND	2.5	U
Bromoform	ND	.5	U	ND	2.5	U	ND	2.5	U
Carbon tetrachloride	28.6	.5		203	2.5		911	10	D
Chlorobenzene	ND	.5	U	ND	2.5	U	ND	2.5	U
Chlorobromomethane	ND	.5	U	ND	2.5	U	ND	2.5	U
Chloroethane	ND	.5	U	ND	2.5	U	ND	2.5	U
Chloroform	1.7	.5		ND	2.5	U	3.9	2.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	2.5	U	ND	2.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	2.5	U	ND	2.5	U
Cymene	ND	.5	U	ND	2.5	U	ND	2.5	U
DBCP	ND	.5	U	ND	2.5	U	ND	2.5	U
Dibromochloromethane	ND	.5	U	ND	2.5	U	ND	2.5	U
Dibromomethane	ND	.5	U	ND	2.5	U	ND	2.5	U
Dichlorodifluoromethane	ND	.5	U	ND	2.5	U	ND	2.5	U
EDB	ND	.5	U	ND	2.5	U	ND	2.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	2.5	U	ND	2.5	U
Ethylbenzene	ND	.5	U	ND	2.5	U	ND	2.5	U
Hexachlorobutadiene*	ND	.5	U	ND	2.5	U	ND	2.5	U
m-Dichlorobenzene	ND	.5	U	ND	2.5	U	ND	2.5	U
Methyl bromide	ND	.5	U	ND	2.5	U	ND	2.5	U
Methyl chloride	ND	.5	U	ND	2.5	U	ND	2.5	U
Methylene chloride	ND	.5	U	ND	2.5	U	ND	2.5	U
n-Butylbenzene	ND	.5	U	ND	2.5	U	ND	2.5	U
n-Propylbenzene	ND	.5	U	ND	2.5	U	ND	2.5	U
Naphthalene*	ND	.5	U	ND	2.5	U	ND	2.5	U
o-Chlorotoluene	ND	.5	U	ND	2.5	U	ND	2.5	U
o-Dichlorobenzene	ND	.5	U	ND	2.5	U	ND	2.5	U
p-Chlorotoluene	ND	.5	U	ND	2.5	U	ND	2.5	U
p-Dichlorobenzene	ND	.5	U	ND	2.5	U	ND	2.5	U
sec-Butylbenzene	ND	.5	U	ND	2.5	U	ND	2.5	U
Styrene	ND	.5	U	ND	2.5	U	ND	2.5	U
tert-Butylbenzene	ND	.5	U	ND	2.5	U	ND	2.5	U
Tetrachloroethylene	ND	.5	U	ND	2.5	U	ND	2.5	U
Toluene	.5	.5		1.5	2.5	J	ND	2.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	2.5	U	ND	2.5	U
Trichloroethylene	.51	.5		ND	2.5	U	ND	2.5	U
Trichlorofluoromethane	ND	.5	U	ND	2.5	U	ND	2.5	U
Vinyl chloride	ND	.5	U	ND	2.5	U	ND	2.5	U
TVOC	41.71	0		207.9	0		918.2	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:095-88 Date:07/02/01 Depth: 158			Well ID:095-88 Date:10/12/01 Depth: 158			Well ID:095-89 Date:01/18/01 Depth: 160		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	2.1	.5		3.5	.5		11.2	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	3.6	.5	
1,1-Dichloroethylene	.64	.5		1.4	.5		8.7	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	205	2.5	D	42	.5		ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.2	.5		.75	.5		1.3	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	1.1	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	.47	.5	J	.74	.5		ND	.5	U
Toluene	ND	.5	U	.27	.5	J	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.6	.5		.63	.5		1	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	211.11	0		49.29	0		25.8	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:095-89 Date:04/09/01 Depth: 160			Well ID:095-89 Date:07/02/01 Depth: 160			Well ID:095-89 Date:10/12/01 Depth: 160		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	14.6	.5		13.5	.5		10.7	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	3.5	.5		2.8	.5		2.9	.5	
1,1-Dichloroethylene	10.8	.5		8.6	.5		7.5	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.3	.5		.84	.5		.84	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	.25	.5	J
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	1.1	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	.27	.5	J	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.96	.5		.82	.5		.74	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	31.43	0		27.66	0		22.93	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:095-90 Date:01/10/01 Depth: 105			Well ID:095-90 Date:04/02/01 Depth: 104			Well ID:095-90 Date:07/02/01 Depth: 104		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	.32	.5	J	.31	.5	J
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.55	.5		.54	.5		.73	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	1.1	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	.32	.5	J	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.36	.5	J	.45	.5	J	.31	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.91	0		1.63	0		2.45	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:095-90 Date:10/09/01 Depth: 104			Well ID:095-91 Date:01/10/01 Depth: 111			Well ID:095-91 Date:07/02/01 Depth: 160		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.54	.5		9.5	.5		4.7	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	.73	.5		ND	.5	U
1,1-Dichloroethylene	ND	.5	U	6.3	.5		2.4	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.56	.5		.96	.5		.72	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.69	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	1.1	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	2	.5		1.9	.5	
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	.62	.5		.61	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.1	0		20.11	0		11.43	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:095-91 Date:10/09/01 Depth: 161			Well ID:095-92 Date:01/10/01 Depth: 121			Well ID:095-92 Date:04/02/01 Depth: 121		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	3.4	.5		28.7	.5		29.9	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	5.7	.5		6.1	.5	
1,1-Dichloroethylene	1.7	.5		20.4	.5		21.9	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.6	.5		1.9	.5		1.8	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	1.3	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	1.4	.5		.25	.5	J	ND	.5	U
Toluene	ND	.5	U	.34	.5	J	.35	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.53	.5		1.4	.5		1.6	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	7.63	0		58.69	0		61.65	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:095-92 Date:07/02/01 Depth: 121			Well ID:095-92 Date:10/09/01 Depth: 121			Well ID:095-93 Date:01/10/01 Depth: 175		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	31.4	.5		21.9	.5		1.7	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	.28	.5	J
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	5.8	.5		3.5	.5		ND	.5	U
1,1-Dichloroethylene	22.7	.5		17	.5		.62	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.8	.5		1.8	.5		.62	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	1.2	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	1.1	.5	B	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	7	.5	
Toluene	ND	.5	U	ND	.5	U	.34	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	1.4	.5		1.1	.5		.58	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	64.2	0		45.3	0		11.14	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:095-93 Date:07/02/01 Depth: 175			Well ID:095-93 Date:10/09/01 Depth: 175			Well ID:095-139 Date:02/06/01 Depth: 95		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	4	.5		3.6	.5		ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	1.2	.5		1	.5		ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.48	.5	J	.32	.5	J	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	1.1	.5	B	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	4.9	.5		4.2	.5		ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.46	.5	J	.43	.5	J	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	12.14	0		9.55	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:095-139 Date:07/02/01 Depth: 95			Well ID:095-140 Date:02/06/01 Depth: 130			Well ID:095-140 Date:07/02/01 Depth: 130		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	3.1	.5		.9	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	1.4	.5		.38	.5	J
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	1.1	.5		.8	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	1.1	U	ND	.5	U	ND	1.1	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	.87	.5		.6	.5	
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	.46	.5	J	.33	.5	J
Trichlorofluoromethane	ND	.5	U	.43	.5	J	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.1	0		7.36	0		4.11	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:096-55 Date:02/07/01 Depth: 134			Well ID:096-55 Date:07/11/01 Depth: 134			Well ID:096-82 Date:02/07/01 Depth: 105		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.56	.5		.56	.5		.44	.5	J
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	.19	.5	J	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	.28	.5	J	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	.45	.5	J	.28	.5	J	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.9	.5		1.2	.5		1.6	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	.23	.5	J	ND	.5	U	.31	.5	J
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	.5	.5		.29	.5	J	.5	.5	
Toluene	ND	.58	U	.52	.5		ND	.56	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.65	.5		.51	.5		.62	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	5.6	0		3.36	0		5.02	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:096-82 Date:07/11/01 Depth: 105			Well ID:096-83 Date:02/06/01 Depth: 28			Well ID:096-83 Date:07/13/01 Depth: 28		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.44	.5	J	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.8	.5		.58	.5		.7	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	.32	.5	J	ND	.5	U	ND	.5	U
Toluene	.56	.5		ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.62	.5		ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	3.74	0		.58	0		.7	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:096-84 Date:02/06/01 Depth: 134			Well ID:096-84 Date:07/13/01 Depth: 134			Well ID:104-10 Date:01/23/01 Depth: 100		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	1.5	.5		.71	.5		3	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	.47	.5	J
1,1-Dichloroethylene	.44	.5	J	.28	.5	J	1.5	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.62	.5		.34	.5	J	.45	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	.87	.5		.64	.5		ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.31	.5	J	ND	.5	U	.58	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	3.74	0		1.97	0		6	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:104-10 Date:07/13/01 Depth: 100			Well ID:104-11 Date:01/30/01 Depth: 190			Well ID:104-11 Date:07/13/01 Depth: 190		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	2.8	.5		ND	.5	U	.35	.5	J
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	.33	.5	J	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	1.5	.5		ND	.5	U	.26	.5	J
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.43	.5	J	.39	.5	J	.48	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.41	.5	J	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	5.47	0		.39	0		1.09	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:104-11 Date:10/11/01 Depth: 190			Well ID:104-25 Date:01/23/01 Depth: 128			Well ID:104-25 Date:07/16/01 Depth: 128		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	2.3	.5		33.6	.5		25.2	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	.28	.5	J	5.1	.5		2.8	.5	
1,1-Dichloroethylene	1.8	.5		23.1	.5		17.9	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	.26	.5	J	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.6	.5		1.4	.5		1.1	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	.33	.5	J
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.72	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	.6	.5		.29	.5	J
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	2.1	.5		1.3	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	4.98	0		66.16	0		50.09	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:104-25 Date:10/11/01 Depth: 128			Well ID:105-07 Date:01/30/01 Depth: 109			Well ID:105-07 Date:07/03/01 Depth: 109		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	28.9	.5		.78	.5		.61	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	3.8	.5		.29	.5	J	.26	.5	J
1,1-Dichloroethylene	22.9	.5		.36	.5	J	.29	.5	J
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.2	.5		1.2	.5		1.2	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	.31	.5	J	.36	.5	J	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	.39	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	1.4	.5		ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	58.51	0		2.99	0		2.75	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:105-22 Date:01/26/01 Depth: 105			Well ID:105-22 Date:07/18/01 Depth: 105			Well ID:105-23 Date:01/12/01 Depth: 180		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	608	25	D
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	.62	.5	
1,1-Dichloroethane	ND	.5	U	ND	.5	U	3.4	.5	
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	120	25	D
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	.49	.5	J	.35	.5	J	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.4	.5	J	.28	.5	J	.48	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	.64	.5		ND	1.4	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.71	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	1.2	.5		.8	.5		542	25	D
Toluene	ND	.5	U	.33	.5	J	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	.47	.5	J	1.4	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	2.09	0		3.58	0		1275.9	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:105-23 Date:07/18/01 Depth: 180			Well ID:105-23 Date:11/20/01 Depth: 180			Well ID:105-24 Date:01/30/01 Depth: 185		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	667	5	D	989	10	D	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	.43	.5	J	ND	.5	U
1,1,2-Trichloroethane	.66	.5		1.1	.5		ND	.5	U
1,1-Dichloroethane	3.6	.5		5.1	.5		ND	.5	U
1,1-Dichloroethylene	131	5	D	229	10	D	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	.59	.5		ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.46	.5	J	.75	.5		.28	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	2	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	507	5	D	566	10	D	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	2.6	.5		2.1	.5		ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1312.32	0		1794.07	0		.28	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:105-24 Date:07/03/01 Depth: 185			Well ID:105-29 Date:01/26/01 Depth: 180			Well ID:105-29 Date:07/03/01 Depth: 180		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	.27	.5	J	.39	.5	J
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	4.6	.5		3.2	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.3	.5	J	.67	.5		.74	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	.85	.5		.82	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.3	0		6.39	0		5.15	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:105-42 Date:01/26/01 Depth: 148			Well ID:105-42 Date:07/18/01 Depth: 148			Well ID:105-42 Date:10/11/01 Depth: 148		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	3.4	.5		7.5	.5		6.4	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	.34	.5	J	.37	.5	J
1,1-Dichloroethylene	.94	.5		3.4	.5		3.6	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	.27	.5	J	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.4	.5	J	.37	.5	J	.28	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	.26	.5	J
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	4.3	.5		3.2	.5		2.8	.5	
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.5	.5		.49	.5	J	.41	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	9.81	0		15.3	0		14.12	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:105-43 Date:01/26/01 Depth: 148			Well ID:105-43 Date:07/16/01 Depth: 148			Well ID:105-44 Date:01/30/01 Depth: 163		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	2.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	35.3	2.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	2.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	2.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	2.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	6.1	2.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	2.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	2.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	2.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	2.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	2.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	2.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	2.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	2.5	U
Benzene	ND	.5	U	ND	.5	U	ND	2.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	2.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	2.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	2.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	2.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	2.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	2.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	2.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	2.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	2.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	2.5	U
Chloroform	.57	.5		.42	.5	J	ND	2.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	2.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	2.5	U
Cymene	ND	.5	U	ND	.5	U	ND	2.5	U
DBCP	ND	.5	U	ND	.5	U	ND	2.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	2.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	2.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	2.5	U
EDB	ND	.5	U	ND	.5	U	ND	2.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	2.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	2.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	2.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	2.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	2.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	2.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	2.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	2.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	2.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	2.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	2.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	2.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	2.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	2.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	2.5	U
Styrene	ND	.5	U	ND	.5	U	ND	2.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	2.5	U
Tetrachloroethylene	.56	.5		.43	.5	J	353	2.5	
Toluene	ND	.5	U	ND	.5	U	ND	2.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	2.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	2.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	2.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	2.5	U
TVOC	1.13	0		1.56	0		394.4	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:105-44 Date:07/20/01 Depth: 163			Well ID:105-44 Date:10/22/01 Depth: 163			Well ID:113-07 Date:02/20/01 Depth: 99		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	42	.5		30.7	.5		1.4	.5	
1,1,2,2-Tetrachloroethane	.29	.5	J	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	8.2	.5		6.7	.5		.39	.5	J
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	1.1	.5		.74	.5		ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	.31	.5	J	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	3.1	.5		ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.32	.5	J	.44	.5	J	ND	.5	U
cis-1,2-Dichloroethylene	.27	.5	J	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	.67	.5		ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	.36	.5	JB	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	368	2.5	D	152	1	D	23.4	.5	
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	1.5	.5		2.4	.5		ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	423.02	0		196.08	0		25.19	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:113-07 Date:05/16/01 Depth: 99			Well ID:113-07 Date:08/09/01 Depth: 99			Well ID:113-07 Date:10/26/01 Depth: 99		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.92	.5		6.2	.5		11.4	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	3	.5		2.8	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	16.5	.5		8.8	.5		22.6	.5	
Toluene	ND	.5	U	.68	.5		ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	.55	.5		ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	17.42	0		19.23	0		36.8	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:113-07 Date:11/20/01 Depth: 99			Well ID:113-08 Date:02/12/01 Depth: 142			Well ID:113-08 Date:07/18/01 Depth: 142		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	2.5	U	ND	.5	U
1,1,1-Trichloroethane	12.7	.5		76	2.5		68.4	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	2.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	2.5	U	.74	.5	
1,1-Dichloroethane	ND	.5	U	ND	2.5	U	1	.5	
1,1-Dichloroethylene	3.1	.5		20.4	2.5		17	.5	
1,1-Dichloropropene	ND	.5	U	ND	2.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	2.5	U	ND	.5	U
1,2,3-Trichloropropane	.45	.5	J	ND	2.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	2.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	2.5	U	.67	.5	
1,2-Dichloropropane	ND	.5	U	ND	2.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	2.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	2.5	U	ND	.5	U
Benzene	ND	.5	U	ND	2.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	2.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	2.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	2.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	2.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	2.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	2.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	2.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	2.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	2.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	2.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	2.5	U	.38	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	2.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	2.5	U	ND	.5	U
Cymene	ND	.5	U	ND	2.5	U	ND	.5	U
DBCP	ND	.5	U	ND	2.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	2.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	2.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	2.5	U	ND	.5	U
EDB	ND	.5	U	ND	2.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	2.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	2.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	2.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	2.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	2.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	2.5	U	ND	.5	U
Methylene chloride	ND	1.9	U	ND	2.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	2.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	2.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	2.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	2.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	2.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	2.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	2.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	2.5	U	ND	.5	U
Styrene	ND	.5	U	ND	2.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	2.5	U	ND	.5	U
Tetrachloroethylene	28	.5		461	2.5		429	2.5	D
Toluene	ND	.5	U	ND	2.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	2.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	2.1	2.5	J	1.8	.5	
Trichlorofluoromethane	ND	.5	U	ND	2.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	2.5	U	ND	.5	U
TVOC	44.25	0		559.5	0		519.29	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:113-08 Date:11/26/01 Depth: 142			Well ID:113-09 Date:02/12/01 Depth: 222			Well ID:113-09 Date:07/18/01 Depth: 222		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	1	U	ND	.5	U
1,1,1-Trichloroethane	22.9	.5		25.5	1		23.6	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	20.8	1		34.5	.5	
1,1,2-Trichloroethane	ND	.5	U	ND	1	U	ND	.5	U
1,1-Dichloroethane	.27	.5	J	1.8	1		1.4	.5	
1,1-Dichloroethylene	6.9	.5		9	1		9.4	.5	
1,1-Dichloropropene	ND	.5	U	ND	1	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	1	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	1	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	1	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	1	U	.26	.5	J
1,2-Dichloropropane	ND	.5	U	ND	1	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	1	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	1	U	ND	.5	U
Benzene	ND	.5	U	ND	1	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	1	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	1	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	1	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	1	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	1	U	ND	.5	U
Bromoform	ND	.5	U	ND	1	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	2.1	1		2.2	.5	
Chlorobenzene	ND	.5	U	ND	1	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	1	U	ND	.5	U
Chloroethane	ND	.5	U	ND	1	U	ND	.5	U
Chloroform	.45	.5	J	.56	1	J	.68	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	1	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	1	U	ND	.5	U
Cymene	ND	.5	U	ND	1	U	ND	.5	U
DBCP	ND	.5	U	ND	1	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	1	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	1	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	1	U	ND	.5	U
EDB	ND	.5	U	ND	1	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	1	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	1	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	1	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	1	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	1	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	1	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	1	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	1	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	1	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	1	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	1	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	1	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	1	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	1	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	1	U	ND	.5	U
Styrene	ND	.5	U	ND	1	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	1	U	ND	.5	U
Tetrachloroethylene	169	1	D	273	2.5	D	215	2.5	D
Toluene	ND	.5	U	ND	1	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	1	U	ND	.5	U
Trichloroethylene	.54	.5		4.2	1		6.7	.5	
Trichlorofluoromethane	ND	.5	U	ND	1	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	1	U	ND	.5	U
TVOC	200.06	0		336.96	0		293.74	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:113-09 Date:11/26/01 Depth: 222			Well ID:113-11 Date:02/12/01 Depth: 201			Well ID:113-11 Date:07/16/01 Depth: 201		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	2.5	U	ND	.5	U
1,1,1-Trichloroethane	24.3	.5		ND	2.5	U	.94	.5	
1,1,2,2-Tetrachloroethane	35.4	.5		ND	2.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	2.5	U	ND	.5	U
1,1-Dichloroethane	1.3	.5		ND	2.5	U	.3	.5	J
1,1-Dichloroethylene	10.5	.5		ND	2.5	U	.38	.5	J
1,1-Dichloropropene	ND	.5	U	ND	2.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	2.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	2.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	2.5	U	ND	.5	U
1,2-Dichloroethane	.25	.5	J	ND	2.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	2.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	2.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	2.5	U	ND	.5	U
Benzene	ND	.5	U	ND	2.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	2.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	2.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	2.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	2.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	2.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	2.5	U	ND	.5	U
Carbon tetrachloride	2.7	.5		234	2.5		289	2.5	
Chlorobenzene	ND	.5	U	ND	2.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	2.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	2.5	U	ND	.5	U
Chloroform	.82	.5		4.5	2.5		5.4	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	2.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	2.5	U	ND	.5	U
Cymene	ND	.5	U	ND	2.5	U	ND	.5	U
DBCP	ND	.5	U	ND	2.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	2.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	2.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	2.5	U	ND	.5	U
EDB	ND	.5	U	ND	2.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	2.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	2.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	2.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	2.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	2.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	2.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	8.3	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	2.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	2.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	2.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	2.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	2.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	2.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	2.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	2.5	U	ND	.5	U
Styrene	ND	.5	U	ND	2.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	2.5	U	ND	.5	U
Tetrachloroethylene	152	1	D	476	2.5		280	2.5	
Toluene	ND	.5	U	ND	2.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	2.5	U	ND	.5	U
Trichloroethylene	10.2	.5		4	2.5		2.5	.5	
Trichlorofluoromethane	ND	.5	U	ND	2.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	2.5	U	ND	.5	U
TVOC	237.47	0		718.5	0		579.29	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID:113-11 Date:11/26/01 Depth: 201		
Analyte	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U
1,1,1-Trichloroethane	1.4	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U
1,1-Dichloroethane	ND	.5	U
1,1-Dichloroethylene	.5	.5	
1,1-Dichloropropene	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U
1,2-Dichloroethane	ND	.5	U
1,2-Dichloropropane	ND	.5	U
1,3-Dichloropropane	ND	.5	U
2,2-Dichloropropane	ND	.5	U
Benzene	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U
Bromobenzene	ND	.5	U
Bromodichloromethane	ND	.5	U
Bromoform	ND	.5	U
Carbon tetrachloride	151	5	D
Chlorobenzene	ND	.5	U
Chlorobromomethane	ND	.5	U
Chloroethane	ND	.5	U
Chloroform	3.1	.5	
cis-1,2-Dichloroethylene	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U
Cymene	ND	.5	U
DBCP	ND	.5	U
Dibromochloromethane	ND	.5	U
Dibromomethane	ND	.5	U
Dichlorodifluoromethane	ND	.5	U
EDB	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U
Ethylbenzene	ND	.5	U
Hexachlorobutadiene*	ND	.5	U
m-Dichlorobenzene	ND	.5	U
Methyl bromide	ND	.5	U
Methyl chloride	ND	.5	U
Methylene chloride	ND	.5	U
n-Butylbenzene	ND	.5	U
n-Propylbenzene	ND	.5	U
Naphthalene*	ND	.5	U
o-Chlorotoluene	ND	.5	U
o-Dichlorobenzene	ND	.5	U
p-Chlorotoluene	ND	.5	U
p-Dichlorobenzene	ND	.5	U
sec-Butylbenzene	ND	.5	U
Styrene	ND	.5	U
tert-Butylbenzene	ND	.5	U
Tetrachloroethylene	660	5	D
Toluene	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U
Trichloroethylene	6.9	.5	
Trichlorofluoromethane	ND	.5	U
Vinyl chloride	ND	.5	U
TVOC	822.9	0	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 065-01 Date: 01/12/01 Depth: 52				Well ID: 065-01 Date: 04/06/01 Depth: 52				Well ID: 065-01 Date: 07/11/01 Depth: 52			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90					<MDL	.389	.229	UJ				
Tritium	553	512	319	J-N2	<MDL	472	291	U	531	359	231	J-N2
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 065-01 Date: 10/12/01 Depth: 52				Well ID: 065-37 Date: 02/22/01 Depth: 73				Well ID: 065-37 Date: 04/30/01 Depth: 73			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90									7.6	.855	.936	
Tritium	426	398	247	J-N2	<MDL	466	276	U	<MDL	535	315	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 065-37 Date: 05/31/01 Depth: 73				Well ID: 065-37 Date: 07/24/01 Depth: 73				Well ID: 065-37 Date: 10/24/01 Depth: 73			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90	7.2	.434	.62						6.53	.364	.406	J-T
Tritium					733	428	279	J	749	391	257	J
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 065-38 Date: 01/30/01 Depth: 63				Well ID: 065-38 Date: 04/06/01 Depth: 63				Well ID: 065-38 Date: 06/05/01 Depth: 63			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90									.417	.336	.183	J-N2
Tritium	<MDL	449	254	U	<MDL	497	283	U				
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 065-38 Date: 07/19/01 Depth: 63				Well ID: 065-38 Date: 10/24/01 Depth: 73				Well ID: 065-39 Date: 01/30/01 Depth: 87			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90					<MDL	.39	.194	U				
Tritium	<MDL	430	251	U	<MDL	397	230	U	<MDL	460	263	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 065-39 Date: 04/06/01 Depth: 85				Well ID: 065-39 Date: 06/05/01 Depth: 87				Well ID: 065-39 Date: 07/24/01 Depth: 87			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90					24.9	.322	.837					
Tritium	<MDL	489	278	U					491	439	274	J-N2
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 065-39 Date: 10/24/01 Depth: 87				Well ID: 065-40 Date: 01/30/01 Depth: 107				Well ID: 065-40 Date: 04/06/01 Depth: 107			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90	35.1	.337	.85	J-T								
Tritium	629	387	250	J-N2	<MDL	454	247	U	<MDL	495	282	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 065-40 Date: 06/05/01 Depth: 107				Well ID: 065-40 Date: 07/19/01 Depth: 107				Well ID: 065-40 Date: 10/17/01 Depth: 107			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90	<MDL	.369	.182	U					<MDL	.301	.144	U
Tritium					475	367	234	J-N2	<MDL	409	244	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 065-41 Date: 02/08/01 Depth: 52				Well ID: 065-41 Date: 04/19/01 Depth: 52				Well ID: 065-41 Date: 07/19/01 Depth: 52			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	549	304	U	<MDL	421	221	U	<MDL	434	257	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 065-41 Date: 10/17/01 Depth: 52				Well ID: 065-42 Date: 02/08/01 Depth: 53				Well ID: 065-42 Date: 04/19/01 Depth: 53			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	391	231	U	<MDL	580	312	U	<MDL	418	208	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 065-42 Date: 07/19/01 Depth: 53				Well ID: 065-42 Date: 10/17/01 Depth: 53				Well ID: 075-11 Date: 02/22/01 Depth: 62			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	438	250	U	<MDL	410	245	U	7680	477	521	
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 075-11 Date: 04/30/01 Depth: 62				Well ID: 075-11 Date: 07/24/01 Depth: 62				Well ID: 075-11 Date: 11/01/01 Depth: 62			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	660	532	334	J-N2	1640	445	326		2400	407	333	
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 075-12 Date: 02/22/01 Depth: 64				Well ID: 075-12 Date: 04/30/01 Depth: 64				Well ID: 075-12 Date: 07/23/01 Depth: 64			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	476	266	U	2520	528	406		5510	441	450	
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 075-12 Date: 11/01/01 Depth: 64				Well ID: 075-39 Date: 02/22/01 Depth: 52				Well ID: 075-39 Date: 04/30/01 Depth: 52			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90									<MDL	.603	.306	U
Tritium	<MDL	424	246	U	<MDL	729	411	U	<MDL	521	287	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 075-39 Date: 07/24/01 Depth: 52				Well ID: 075-39 Date: 11/01/01 Depth: 52				Well ID: 075-40 Date: 02/22/01 Depth: 123			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90					<MDL	.364	.198	U				
Tritium	<MDL	435	253	U	<MDL	570	313	U	490	468	290	J-N2
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 075-40 Date: 04/30/01 Depth: 123				Well ID: 075-40 Date: 07/24/01 Depth: 123				Well ID: 075-40 Date: 11/01/01 Depth: 123			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90	<MDL	.691	.315	U					<MDL	.328	.158	U
Tritium	1680	545	383		550	451	284	J-N2	<MDL	577	316	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 075-41 Date: 02/22/01 Depth: 196				Well ID: 075-41 Date: 04/30/01 Depth: 196				Well ID: 075-41 Date: 07/24/01 Depth: 196			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90					<MDL	.634	.379	U				
Tritium	<MDL	497	286	U	<MDL	543	303	U	<MDL	443	258	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 075-41 Date: 11/01/01 Depth: 196				Well ID: 075-42 Date: 02/22/01 Depth: 62				Well ID: 075-42 Date: 04/30/01 Depth: 52			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90	<MDL	.413	.238	UJ-T								
Tritium	<MDL	566	324	U	<MDL	493	295	U	<MDL	509	300	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 075-42 Date: 07/24/01 Depth: 52				Well ID: 075-42 Date: 11/01/01 Depth: 52				Well ID: 075-43 Date: 02/22/01 Depth: 52			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	828	441	290	J	<MDL	580	322	U	336000	460	2890	
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 075-43 Date: 04/19/01 Depth: 52				Well ID: 075-43 Date: 05/30/01 Depth: 52				Well ID: 075-43 Date: 06/21/01 Depth: 52			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	1370	422	330		112000	598	2230		160000	369	1880	
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 075-43 Date: 07/10/01 Depth: 52				Well ID: 075-43 Date: 08/03/01 Depth: 52				Well ID: 075-43 Date: 09/06/01 Depth: 52			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	165000	396	1860		83300	384	1370		86200	399	1370	
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 075-43 Date: 10/02/01 Depth: 52				Well ID: 075-43 Date: 11/01/01 Depth: 52				Well ID: 075-43 Date: 12/06/01 Depth: 52			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	79900	455	1600		93600	691	1900		94800	530	1890	
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 075-44 Date: 02/22/01 Depth: 52				Well ID: 075-44 Date: 04/30/01 Depth: 52				Well ID: 075-44 Date: 07/23/01 Depth: 52			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	1010	467	311		1520	542	377		2630	449	365	
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 075-44 Date: 11/01/01 Depth: 52				Well ID: 075-45 Date: 02/22/01 Depth: 54				Well ID: 075-45 Date: 04/30/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	606	447	284	J	3170	462	385		14300	525	712	
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 075-45 Date: 07/23/01 Depth: 54				Well ID: 075-45 Date: 11/01/01 Depth: 54				Well ID: 075-46 Date: 02/07/01 Depth: 38			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	9180	447	548		3150	433	375		<MDL	580	322	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 075-46 Date: 04/25/01 Depth: 38				Well ID: 075-46 Date: 07/20/01 Depth: 38				Well ID: 075-46 Date: 10/22/01 Depth: 38			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90	<MDL	.794	.4	U					<MDL	.355	.185	U
Tritium	<MDL	408	241	U	<MDL	481	285	U	391	379	235	J-N2
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 075-47 Date: 02/06/01 Depth: 37				Well ID: 075-47 Date: 04/25/01 Depth: 36				Well ID: 075-47 Date: 07/16/01 Depth: 36			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90					<MDL	.815	.402	UDL				
Tritium	<MDL	409	233	U	<MDL	392	230	U	<MDL	400	244	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 075-47 Date: 10/22/01 Depth: 36				Well ID: 075-48 Date: 02/06/01 Depth: 68				Well ID: 075-48 Date: 04/25/01 Depth: 68			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90	<MDL	.337	.177	UJ-T					<MDL	.561	.273	U
Tritium	<MDL	390	228	U	<MDL	414	250	U	<MDL	425	254	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 075-48 Date: 07/16/01 Depth: 68				Well ID: 075-48 Date: 10/22/01 Depth: 68				Well ID: 075-50 Date: 02/12/01 Depth: 36			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90					<MDL	.365	.222	U				
Tritium	486	395	249	J-N2	536	385	245	J-N2	<MDL	325	194	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 075-50 Date: 04/26/01 Depth: 36				Well ID: 075-50 Date: 07/20/01 Depth: 36				Well ID: 075-50 Date: 10/16/01 Depth: 36			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	542	316	U	<MDL	477	283	U	565	421	268	J
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 075-85 Date: 02/07/01 Depth: 68				Well ID: 075-85 Date: 04/25/01 Depth: 68				Well ID: 075-85 Date: 07/20/01 Depth: 68			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90					19	.768	1.23					
Tritium	<MDL	577	325	U	<MDL	376	228	U	637	471	300	J-N2
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 075-85 Date: 10/24/01 Depth: 68				Well ID: 075-86 Date: 02/07/01 Depth: 108				Well ID: 075-86 Date: 04/26/01 Depth: 108			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90	16	.273	.532						<MDL	.836	.378	U-DL
Tritium	533	386	245	J-N2	<MDL	578	325	U	<MDL	550	307	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 075-86 Date: 07/20/01 Depth: 108				Well ID: 075-86 Date: 10/24/01 Depth: 108				Well ID: 075-87 Date: 02/06/01 Depth: 108			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90					<MDL	.263	.141	U				
Tritium	<MDL	471	275	U	<MDL	389	228	U	<MDL	415	247	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 075-87 Date: 04/25/01 Depth: 108				Well ID: 075-87 Date: 07/16/01 Depth: 108				Well ID: 075-87 Date: 10/22/01 Depth: 108			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90	<MDL	.494	.22	U					<MDL	.384	.2	UJ-T
Tritium	<MDL	389	227	U	<MDL	406	244	U	481	381	240	J-N2
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 075-88 Date: 01/02/01 Depth: 68				Well ID: 075-88 Date: 01/16/01 Depth: 68				Well ID: 075-88 Date: 01/29/01 Depth: 68			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	50700	448	1140		46000	470	1120		53000	398	1130	
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 075-88 Date: 02/13/01 Depth: 68				Well ID: 075-88 Date: 02/27/01 Depth: 68				Well ID: 075-88 Date: 03/27/01 Depth: 68			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	52400	409	1060		41200	449	1030		5990	453	484	
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 075-88 Date: 04/09/01 Depth: 68				Well ID: 075-88 Date: 04/23/01 Depth: 68				Well ID: 075-88 Date: 05/07/01 Depth: 68			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	8310	411	502		5790	464	481		1070	687	434	
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 075-88 Date: 05/23/01 Depth: 68				Well ID: 075-88 Date: 06/07/01 Depth: 68				Well ID: 075-88 Date: 06/21/01 Depth: 68			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	2670	939	632		568	406	258	J-N2	1490	397	294	
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 075-88 Date: 07/06/01 Depth: 68				Well ID: 075-88 Date: 07/17/01 Depth: 68				Well ID: 075-88 Date: 07/30/01 Depth: 68			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	626	380	U	<MDL	478	296	U	<MDL	491	300	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 075-88 Date: 08/13/01 Depth: 68				Well ID: 075-88 Date: 08/27/01 Depth: 68				Well ID: 075-88 Date: 09/10/01 Depth: 68			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	464	437	271	J-N2	898	450	299	J	<MDL	469	281	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 075-88 Date: 09/24/01 Depth: 68				Well ID: 075-88 Date: 10/25/01 Depth: 68				Well ID: 075-89 Date: 01/02/01 Depth: 108			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	869	421	279	J	1120	387	269		529	465	290	J-N2
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 075-89 Date: 02/01/01 Depth: 108				Well ID: 075-89 Date: 03/01/01 Depth: 108				Well ID: 075-89 Date: 04/03/01 Depth: 108			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	526	520	322	J-N2	<MDL	507	304	U	<MDL	555	321	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 075-89 Date: 05/01/01 Depth: 108				Well ID: 075-89 Date: 06/01/01 Depth: 115				Well ID: 075-89 Date: 07/06/01 Depth: 108			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	541	292	U	<MDL	446	269	U	<MDL	631	363	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 075-89 Date: 08/01/01 Depth: 108				Well ID: 075-89 Date: 09/05/01 Depth: 108				Well ID: 075-89 Date: 10/25/01 Depth: 108			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	433	260	U	896	525	343	J	1350	403	288	
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 075-208 Date: 01/03/01 Depth: 58				Well ID: 075-208 Date: 02/01/01 Depth: 58				Well ID: 075-208 Date: 03/01/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	470	281	U	<MDL	515	292	U	<MDL	520	305	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 075-208 Date: 04/03/01 Depth: 58				Well ID: 075-208 Date: 05/01/01 Depth: 58				Well ID: 075-208 Date: 06/01/01 Depth: 68			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	555	327	U	<MDL	614	360	U	736	436	283	J
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 075-208 Date: 07/06/01 Depth: 58				Well ID: 075-208 Date: 08/01/01 Depth: 58				Well ID: 075-208 Date: 09/05/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	689	611	378	J-N2	842	435	287	J	<MDL	477	291	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 075-208 Date: 10/26/01 Depth: 58				Well ID: 075-209 Date: 01/03/01 Depth: 97				Well ID: 075-209 Date: 02/01/01 Depth: 97			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	434	253	U	<MDL	474	265	U	<MDL	512	279	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 075-209 Date: 03/01/01 Depth: 92				Well ID: 075-209 Date: 04/03/01 Depth: 97				Well ID: 075-209 Date: 05/01/01 Depth: 97			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	517	295	U	<MDL	583	324	U	<MDL	516	302	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 075-209 Date: 06/01/01 Depth: 107				Well ID: 075-209 Date: 07/06/01 Depth: 97				Well ID: 075-209 Date: 08/01/01 Depth: 97			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	444	252	U	<MDL	607	332	U	<MDL	432	261	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 075-209 Date: 09/05/01 Depth: 97				Well ID: 075-209 Date: 10/26/01 Depth: 97				Well ID: 075-210 Date: 02/07/01 Depth: 59			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	520	304	U	<MDL	443	251	U	<MDL	576	332	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 075-210 Date: 04/25/01 Depth: 59				Well ID: 075-210 Date: 07/12/01 Depth: 58				Well ID: 075-210 Date: 10/17/01 Depth: 59			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	410	249	U	1060	409	283		1010	427	291	
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 075-211 Date: 02/07/01 Depth: 97				Well ID: 075-211 Date: 04/25/01 Depth: 97				Well ID: 075-211 Date: 07/12/01 Depth: 97			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	579	342	U	<MDL	394	234	U	409	403	250	J-N2
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 075-211 Date: 10/17/01 Depth: 97				Well ID: 076-10 Date: 02/08/01 Depth: 40				Well ID: 076-10 Date: 07/20/01 Depth: 30			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241					<MDL	18.5	11.8	U	<MDL	18	10.9	U
Beryllium-7					<MDL	16.8	10.5	U	<MDL	23.5	13.3	U
Cesium-134					<MDL	1.77	1.2	U	<MDL	2.67	1.72	U
Cesium-137					5.63	2.91	1.49	J-I	<MDL	3.29	2.84	U
Co-60					<MDL	1.98	1.11	U	<MDL	2.86	1.66	U
Cobalt-57					<MDL	1.68	.965	U	<MDL	2.65	1.56	U
Europium-152					<MDL	5.52	3.24	U	<MDL	9.56	5.55	U
Europium-154					<MDL	5.7	3.47	U	<MDL	8.55	5.13	U
Europium-155					<MDL	6.87	4.03	U	<MDL	11.2	6.41	U
Gross Alpha					<MDL	.724	.451	U	<MDL	1.78	.857	UJ
Gross Beta					<MDL	2.17	1.31	U	<MDL	1.16	.619	UJ
Manganese-54					<MDL	1.76	1.1	U	<MDL	2.81	1.79	U
Sodium-22					<MDL	2.03	1.24	U	<MDL	3.05	1.83	U
Strontium-90					<MDL	.184	.113	UJ	<MDL	.599	.294	U
Tritium	417	392	244	J	<MDL	477	277	U	<MDL	474	277	U
Vanadium-48					<MDL	3.02	2.04	U				
Zinc-65					<MDL	3.71	2.46	U	<MDL	6.72	3.79	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 076-10 Date: 10/24/01 Depth: 40				Well ID: 076-171 Date: 02/08/01 Depth: 110				Well ID: 076-171 Date: 04/12/01 Depth: 110			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	14.8	11.2	U								
Beryllium-7	<MDL	29.8	16.6	U								
Cesium-134	<MDL	2.81	1.58	U								
Cesium-137	<MDL	3.1	1.67	U								
Co-60	<MDL	3.52	1.72	U								
Cobalt-57	<MDL	2.57	1.47	U								
Europium-152	<MDL	8.18	4.86	U								
Europium-154	<MDL	8.81	4.45	U								
Europium-155	<MDL	10.5	6.2	U								
Gross Alpha	.711	.612	.415	J-N2								
Gross Beta	3.37	1.03	.705	J								
Manganese-54	<MDL	2.7	1.58	U								
Sodium-22	<MDL	3.17	1.6	U								
Strontium-90	<MDL	.388	.204	UJ-T								
Tritium	<MDL	378	223	U	<MDL	573	342	U	<MDL	528	303	U
Vanadium-48												
Zinc-65	<MDL	5.48	8.39	U								

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 076-171 Date: 07/19/01 Depth: 110				Well ID: 076-171 Date: 10/16/01 Depth: 110				Well ID: 076-172 Date: 02/05/01 Depth: 120			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	660	473	301	J-N2	828	407	272	J	<MDL	618	347	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 076-172 Date: 03/30/01 Depth: 120				Well ID: 076-172 Date: 06/29/01 Depth: 120				Well ID: 076-172 Date: 10/04/01 Depth: 120			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	521	406	257	J-N2	762	546	348	J-N2	781	301	200	J
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 076-173 Date: 01/12/01 Depth: 44				Well ID: 076-173 Date: 03/30/01 Depth: 44				Well ID: 076-173 Date: 06/29/01 Depth: 44			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	526	321	U	937	402	275	J	661	535	337	J-N2
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 076-173 Date: 10/04/01 Depth: 44				Well ID: 076-174 Date: 01/12/01 Depth: 112				Well ID: 076-174 Date: 03/30/01 Depth: 112			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	842	282	191	J	539	512	319	J-N2	611	405	261	J-N2
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 076-174 Date: 06/29/01 Depth: 112				Well ID: 076-174 Date: 10/04/01 Depth: 112				Well ID: 076-175 Date: 01/12/01 Depth: 152			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	834	530	342	J-N2	949	287	197	J	<MDL	526	304	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 076-175 Date: 03/30/01 Depth: 152				Well ID: 076-175 Date: 06/29/01 Depth: 152				Well ID: 076-175 Date: 10/04/01 Depth: 152			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	744	408	269	J	723	541	343	J-N2	825	292	196	J
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 076-177 Date: 02/05/01 Depth: 114				Well ID: 076-177 Date: 03/30/01 Depth: 99				Well ID: 076-177 Date: 06/29/01 Depth: 104			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	620	358	U	623	414	267	J-N2	<MDL	558	345	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 076-177 Date: 10/04/01 Depth: 99				Well ID: 077-10 Date: 01/12/01 Depth: 99				Well ID: 077-10 Date: 03/30/01 Depth: 104			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	715	388	255	J	685	514	327	J-N2	518	404	256	J-N2
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 077-10 Date: 06/29/01 Depth: 104				Well ID: 077-10 Date: 10/04/01 Depth: 104				Well ID: 077-11 Date: 02/06/01 Depth: 120			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	786	551	352	J-N2	876	395	266	J	492	398	250	J-N2
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 077-11 Date: 03/30/01 Depth: 120				Well ID: 077-11 Date: 06/29/01 Depth: 120				Well ID: 077-11 Date: 10/04/01 Depth: 120			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	631	415	268	J-N2	928	547	356	A	900	311	209	J
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 085-01 Date: 01/09/01 Depth: 75				Well ID: 085-01 Date: 04/06/01 Depth: 75				Well ID: 085-01 Date: 07/03/01 Depth: 85			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	544	304	U	<MDL	496	283	U	<MDL	549	313	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 085-01 Date: 10/08/01 Depth: 75				Well ID: 085-02 Date: 01/09/01 Depth: 145				Well ID: 085-02 Date: 04/06/01 Depth: 145			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	395	243	U	<MDL	551	313	U	<MDL	466	261	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 085-02 Date: 07/02/01 Depth: 145				Well ID: 085-02 Date: 10/08/01 Depth: 145				Well ID: 085-39 Date: 01/31/01 Depth: 31			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	417	254	U	<MDL	410	253	U	<MDL	456	257	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 085-39 Date: 04/26/01 Depth: 31				Well ID: 085-39 Date: 07/11/01 Depth: 31				Well ID: 085-39 Date: 10/15/01 Depth: 31			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	536	292	U	<MDL	410	235	U	<MDL	467	265	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 085-40 Date: 01/18/01 Depth: 90				Well ID: 085-40 Date: 04/26/01 Depth: 90				Well ID: 085-40 Date: 07/11/01 Depth: 90			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	776	432	281	J	4800	532	483		6710	400	461	
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 085-40 Date: 10/04/01 Depth: 90				Well ID: 085-41 Date: 01/31/01 Depth: 190				Well ID: 085-41 Date: 04/26/01 Depth: 190			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	7130	386	455		2460	429	346		<MDL	539	332	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 085-41 Date: 07/11/01 Depth: 190				Well ID: 085-41 Date: 10/15/01 Depth: 90				Well ID: 085-65 Date: 01/31/01 Depth: 88			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	410	404	251	J-N2	<MDL	448	269	U	<MDL	428	237	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 085-65 Date: 04/17/01 Depth: 88				Well ID: 085-65 Date: 07/12/01 Depth: 88				Well ID: 085-65 Date: 10/16/01 Depth: 88			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	454	258	U	<MDL	399	232	U	<MDL	403	242	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 085-66 Date: 01/31/01 Depth: 123				Well ID: 085-66 Date: 04/17/01 Depth: 123				Well ID: 085-66 Date: 07/12/01 Depth: 123			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	439	243	U	<MDL	467	270	U	<MDL	405	241	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 085-66 Date: 10/16/01 Depth: 123				Well ID: 085-67 Date: 02/07/01 Depth: 88				Well ID: 085-67 Date: 04/06/01 Depth: 88			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	393	231	U	<MDL	574	337	U	<MDL	477	275	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 085-67 Date: 07/02/01 Depth: 88				Well ID: 085-67 Date: 10/22/01 Depth: 88				Well ID: 085-68 Date: 02/07/01 Depth: 123			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	417	252	U	<MDL	433	265	U	2310	575	424	
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 085-68 Date: 04/16/01 Depth: 123				Well ID: 085-68 Date: 07/02/01 Depth: 123				Well ID: 085-68 Date: 10/15/01 Depth: 123			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	1120	419	313		1260	408	285		702	443	285	J-N2
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 085-69 Date: 01/31/01 Depth: 38				Well ID: 085-69 Date: 04/16/01 Depth: 38				Well ID: 085-69 Date: 07/11/01 Depth: 38			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	452	252	U	<MDL	482	272	U	<MDL	354	218	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 085-69 Date: 10/15/01 Depth: 38				Well ID: 085-70 Date: 01/31/01 Depth: 138				Well ID: 085-70 Date: 04/16/01 Depth: 128			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	429	260	U	<MDL	457	273	U	<MDL	494	274	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 085-70 Date: 07/11/01 Depth: 138				Well ID: 085-70 Date: 10/15/01 Depth: 138				Well ID: 085-71 Date: 01/31/01 Depth: 198			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	353	218	U	<MDL	454	266	U	<MDL	460	270	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 085-71 Date: 04/16/01 Depth: 148				Well ID: 085-71 Date: 07/11/01 Depth: 198				Well ID: 085-71 Date: 10/15/01 Depth: 198			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	478	270	U	369	358	222	J-N2	<MDL	472	277	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 085-72 Date: 01/09/01 Depth: 138				Well ID: 085-72 Date: 04/02/01 Depth: 138				Well ID: 085-72 Date: 07/11/01 Depth: 138			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	541	304	U	<MDL	420	252	U	<MDL	354	217	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 085-72 Date: 10/08/01 Depth: 138				Well ID: 085-73 Date: 01/09/01 Depth: 38				Well ID: 085-73 Date: 04/02/01 Depth: 38			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	532	412	261	J-N2	<MDL	532	294	U	<MDL	382	220	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 085-73 Date: 07/03/01 Depth: 38				Well ID: 085-73 Date: 10/08/01 Depth: 38				Well ID: 085-74 Date: 01/08/01 Depth: 98			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	545	305	U	<MDL	393	227	U	<MDL	515	306	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 085-74 Date: 04/02/01 Depth: 98				Well ID: 085-74 Date: 07/03/01 Depth: 98				Well ID: 085-74 Date: 10/08/01 Depth: 98			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	373	227	U	<MDL	539	308	U	407	402	249	J-N2
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 085-75 Date: 01/08/01 Depth: 193				Well ID: 085-75 Date: 04/02/01 Depth: 193				Well ID: 085-75 Date: 07/03/01 Depth: 193			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	512	292	U	<MDL	377	234	U	<MDL	528	291	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 085-75 Date: 10/08/01 Depth: 193				Well ID: 085-76 Date: 01/09/01 Depth: 38				Well ID: 085-76 Date: 04/18/01 Depth: 38			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	427	391	244	J-N2	<MDL	502	277	U	<MDL	456	264	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 085-76 Date: 07/13/01 Depth: 38				Well ID: 085-76 Date: 10/08/01 Depth: 38				Well ID: 085-77 Date: 01/09/01 Depth: 98			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	367	217	U	<MDL	376	216	U	<MDL	543	316	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 085-77 Date: 07/13/01 Depth: 98				Well ID: 085-77 Date: 10/08/01 Depth: 98				Well ID: 085-78 Date: 02/22/01 Depth: 190			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	370	224	U	<MDL	374	229	U	10400	471	579	
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 085-78 Date: 04/26/01 Depth: 190				Well ID: 085-78 Date: 07/13/01 Depth: 190				Well ID: 085-78 Date: 10/26/01 Depth: 190			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	1400	533	366		495	369	235	J-N2	<MDL	432	254	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 085-170 Date: 02/13/01 Depth: 95				Well ID: 085-170 Date: 05/03/01 Depth: 95				Well ID: 085-170 Date: 07/19/01 Depth: 95			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	11500	322	429		4020	554	470		1650	426	315	
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 085-170 Date: 10/26/01 Depth: 95				Well ID: 085-171 Date: 02/13/01 Depth: 130				Well ID: 085-171 Date: 04/26/01 Depth: 130			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	425	261	U	845	320	213	J	<MDL	539	333	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 085-171 Date: 07/19/01 Depth: 130				Well ID: 085-171 Date: 10/15/01 Depth: 130				Well ID: 086-09 Date: 02/06/01 Depth: 130			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	469	430	268	J-N2	<MDL	455	278	U	640	392	254	J-N2
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 086-09 Date: 04/12/01 Depth: 130				Well ID: 086-09 Date: 06/29/01 Depth: 130				Well ID: 086-09 Date: 10/12/01 Depth: 130			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	493	296	U	593	554	345	J-N2	<MDL	448	276	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 095-42 Date: 01/10/01 Depth: 103				Well ID: 095-42 Date: 04/02/01 Depth: 103				Well ID: 095-42 Date: 07/02/01 Depth: 103			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	439	246	U	<MDL	379	216	U	<MDL	428	252	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 095-42 Date: 10/09/01 Depth: 103				Well ID: 095-43 Date: 02/12/01 Depth: 111				Well ID: 095-43 Date: 04/02/01 Depth: 111			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	397	235	U	<MDL	319	184	U	<MDL	379	230	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 095-43 Date: 07/03/01 Depth: 111				Well ID: 095-43 Date: 10/12/01 Depth: 111				Well ID: 095-44 Date: 01/23/01 Depth: 140			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	520	296	U	<MDL	415	252	U	<MDL	363	210	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 095-44 Date: 04/18/01 Depth: 140				Well ID: 095-44 Date: 07/03/01 Depth: 140				Well ID: 095-44 Date: 07/20/01 Depth: 138			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	470	281	U	<MDL	538	299	U	<MDL	476	280	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 095-44 Date: 10/10/01 Depth: 140				Well ID: 095-45 Date: 01/18/01 Depth: 111				Well ID: 095-45 Date: 04/02/01 Depth: 111			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	375	221	U	<MDL	432	243	U	<MDL	372	221	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 095-45 Date: 07/03/01 Depth: 138				Well ID: 095-45 Date: 10/12/01 Depth: 111				Well ID: 095-46 Date: 01/23/01 Depth: 138			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	525	296	U	<MDL	402	241	U	1020	394	270	
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 095-46 Date: 04/18/01 Depth: 138				Well ID: 095-46 Date: 07/03/01 Depth: 138				Well ID: 095-46 Date: 07/18/01 Depth: 138			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	459	269	U	<MDL	543	291	U	<MDL	396	238	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 095-46 Date: 10/10/01 Depth: 138				Well ID: 095-47 Date: 01/23/01 Depth: 198				Well ID: 095-47 Date: 04/18/01 Depth: 198			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	366	214	U	417	371	231	J-N2	491	468	291	J-N2
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 095-47 Date: 07/03/01 Depth: 198				Well ID: 095-47 Date: 10/10/01 Depth: 198				Well ID: 095-48 Date: 01/17/01 Depth: 114			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	503	297	U	<MDL	372	230	U	15900	441	663	
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 095-48 Date: 02/14/01 Depth: 114				Well ID: 095-48 Date: 03/14/01 Depth: 114				Well ID: 095-48 Date: 04/05/01 Depth: 114			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	13500	513	693		12400	503	656		10400	371	528	
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 095-48 Date: 05/03/01 Depth: 114				Well ID: 095-48 Date: 06/04/01 Depth: 114				Well ID: 095-48 Date: 07/10/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	11700	547	664		10600	456	558		8800	407	493	
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 095-48 Date: 08/03/01 Depth: 114				Well ID: 095-48 Date: 09/06/01 Depth: 114				Well ID: 095-48 Date: 10/26/01 Depth: 114			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	7190	402	468		6640	425	458		3640	440	385	
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 095-51 Date: 02/12/01 Depth: 113				Well ID: 095-51 Date: 04/02/01 Depth: 113				Well ID: 095-51 Date: 07/02/01 Depth: 113			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	327	182	U	<MDL	378	211	U	<MDL	421	244	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 095-51 Date: 10/09/01 Depth: 113				Well ID: 095-52 Date: 01/23/01 Depth: 38				Well ID: 095-52 Date: 04/18/01 Depth: 38			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	423	252	U	<MDL	386	220	U	<MDL	476	277	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 095-52 Date: 07/03/01 Depth: 38				Well ID: 095-52 Date: 10/10/01 Depth: 38				Well ID: 095-53 Date: 01/10/01 Depth: 90			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	532	287	U	<MDL	390	235	U	<MDL	522	299	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 095-53 Date: 04/02/01 Depth: 90				Well ID: 095-53 Date: 07/02/01 Depth: 90				Well ID: 095-53 Date: 10/09/01 Depth: 90			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	380	230	U	<MDL	437	265	U	<MDL	406	241	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 095-54 Date: 01/26/01 Depth: 122				Well ID: 095-54 Date: 04/19/01 Depth: 122				Well ID: 095-54 Date: 07/18/01 Depth: 122			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	400	220	U	<MDL	428	233	U	466	402	253	J-N2
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 095-54 Date: 10/11/01 Depth: 122				Well ID: 095-55 Date: 01/26/01 Depth: 138				Well ID: 095-55 Date: 04/19/01 Depth: 138			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	369	221	U	<MDL	430	263	U	<MDL	421	226	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 095-55 Date: 07/16/01 Depth: 138				Well ID: 095-55 Date: 10/11/01 Depth: 138				Well ID: 095-87 Date: 01/26/01 Depth: 138			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	399	245	U	422	398	248	J-N2	<MDL	413	237	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 095-87 Date: 04/17/01 Depth: 138				Well ID: 095-87 Date: 07/03/01 Depth: 138				Well ID: 095-87 Date: 10/10/01 Depth: 138			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	467	275	U	<MDL	478	277	U	<MDL	387	233	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 095-88 Date: 01/18/01 Depth: 160				Well ID: 095-88 Date: 04/18/01 Depth: 158				Well ID: 095-88 Date: 07/02/01 Depth: 158			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	437	250	U	<MDL	457	271	U	<MDL	423	252	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 095-88 Date: 10/12/01 Depth: 158				Well ID: 095-89 Date: 01/18/01 Depth: 160				Well ID: 095-89 Date: 04/02/01 Depth: 160			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	405	247	U	<MDL	437	249	U	<MDL	380	222	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 095-89 Date: 07/02/01 Depth: 160				Well ID: 095-89 Date: 10/12/01 Depth: 160				Well ID: 095-90 Date: 01/10/01 Depth: 105			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	429	248	U	<MDL	409	241	U	<MDL	525	289	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 095-90 Date: 04/02/01 Depth: 104				Well ID: 095-90 Date: 07/02/01 Depth: 104				Well ID: 095-90 Date: 10/09/01 Depth: 104			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	383	224	U	<MDL	435	258	U	<MDL	431	259	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 095-91 Date: 01/10/01 Depth: 111				Well ID: 095-91 Date: 04/02/01 Depth: 161				Well ID: 095-91 Date: 07/02/01 Depth: 160			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	505	296	U	<MDL	371	222	U	<MDL	436	265	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 095-91 Date: 10/09/01 Depth: 161				Well ID: 095-92 Date: 01/10/01 Depth: 121				Well ID: 095-92 Date: 04/02/01 Depth: 121			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	463	424	265	J-N2	<MDL	439	252	U	<MDL	391	234	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 095-92 Date: 07/02/01 Depth: 121				Well ID: 095-92 Date: 10/09/01 Depth: 121				Well ID: 095-93 Date: 01/10/01 Depth: 175			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	408	245	U	<MDL	376	222	U	5270	417	420	
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 095-93 Date: 04/02/01 Depth: 175				Well ID: 095-93 Date: 07/02/01 Depth: 175				Well ID: 095-93 Date: 10/09/01 Depth: 175			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	5500	421	445		4530	429	400		2460	419	345	
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 095-139 Date: 02/06/01 Depth: 95				Well ID: 095-139 Date: 04/13/01 Depth: 95				Well ID: 095-139 Date: 07/02/01 Depth: 95			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	411	243	U	<MDL	635	379	U	<MDL	426	252	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 095-139 Date: 10/12/01 Depth: 95				Well ID: 095-140 Date: 02/06/01 Depth: 130				Well ID: 095-140 Date: 04/13/01 Depth: 130			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	409	232	U	868	410	274	J	839	528	341	J-N2
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 095-140 Date: 07/02/01 Depth: 130				Well ID: 095-140 Date: 10/12/01 Depth: 130				Well ID: 096-55 Date: 02/07/01 Depth: 134			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	1080	434	293		878	406	271	J	<MDL	573	312	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 096-55 Date: 04/06/01 Depth: 134				Well ID: 096-55 Date: 07/11/01 Depth: 134				Well ID: 096-55 Date: 10/10/01 Depth: 134			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	470	254	U	<MDL	356	211	U	<MDL	426	260	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 096-82 Date: 02/07/01 Depth: 105				Well ID: 096-82 Date: 04/06/01 Depth: 105				Well ID: 096-82 Date: 07/11/01 Depth: 105			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	573	320	U	<MDL	487	268	U	<MDL	339	203	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 096-82 Date: 10/10/01 Depth: 105				Well ID: 096-83 Date: 02/06/01 Depth: 28				Well ID: 096-83 Date: 04/13/01 Depth: 28			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	401	244	U	<MDL	412	228	U	<MDL	486	262	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 096-83 Date: 07/13/01 Depth: 28				Well ID: 096-84 Date: 02/06/01 Depth: 134				Well ID: 096-84 Date: 04/13/01 Depth: 134			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	367	213	U	<MDL	408	243	U	<MDL	473	278	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 096-84 Date: 07/13/01 Depth: 134				Well ID: 096-84 Date: 10/17/01 Depth: 134				Well ID: 104-10 Date: 01/23/01 Depth: 100			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	384	368	229	J-N2	<MDL	407	248	U	973	422	284	J
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 104-10 Date: 04/17/01 Depth: 100				Well ID: 104-10 Date: 07/13/01 Depth: 100				Well ID: 104-10 Date: 10/11/01 Depth: 100			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	467	272	U	<MDL	366	214	U	380	376	233	J-N2
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 104-11 Date: 01/30/01 Depth: 190				Well ID: 104-11 Date: 04/17/01 Depth: 190				Well ID: 104-11 Date: 07/13/01 Depth: 190			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	464	267	U	<MDL	473	280	U	<MDL	367	222	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 104-11 Date: 10/11/01 Depth: 190				Well ID: 104-25 Date: 01/23/01 Depth: 128				Well ID: 104-25 Date: 04/17/01 Depth: 128			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	369	222	U	<MDL	396	221	U	<MDL	469	269	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 104-25 Date: 07/16/01 Depth: 128				Well ID: 104-25 Date: 10/11/01 Depth: 128				Well ID: 105-07 Date: 01/30/01 Depth: 109			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	401	233	U	<MDL	390	230	U	<MDL	451	258	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 105-07 Date: 04/02/01 Depth: 109				Well ID: 105-07 Date: 07/03/01 Depth: 109				Well ID: 105-07 Date: 10/22/01 Depth: 109			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	592	373	242	J-N2	<MDL	526	287	U	<MDL	434	246	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 105-22 Date: 01/26/01 Depth: 105				Well ID: 105-22 Date: 04/16/01 Depth: 105				Well ID: 105-22 Date: 07/18/01 Depth: 105			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	409	235	U	<MDL	463	270	U	508	399	253	J-N2
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 105-22 Date: 10/11/01 Depth: 105				Well ID: 105-23 Date: 01/12/01 Depth: 180				Well ID: 105-23 Date: 04/06/01 Depth: 180			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	412	389	242	J-N2	2700	530	420		<MDL	478	273	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 105-23 Date: 07/18/01 Depth: 180				Well ID: 105-23 Date: 11/20/01 Depth: 180				Well ID: 105-24 Date: 01/30/01 Depth: 185			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	432	401	251	J-N2	<MDL	375	220	U	<MDL	458	253	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 105-24 Date: 04/13/01 Depth: 185				Well ID: 105-24 Date: 07/03/01 Depth: 185				Well ID: 105-24 Date: 10/16/01 Depth: 185			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	473	268	U	<MDL	550	305	U	<MDL	390	223	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 105-29 Date: 01/26/01 Depth: 180				Well ID: 105-29 Date: 04/13/01 Depth: 180				Well ID: 105-29 Date: 07/03/01 Depth: 180			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	419	236	U	<MDL	480	275	U	<MDL	548	294	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 105-29 Date: 10/16/01 Depth: 180				Well ID: 105-42 Date: 01/26/01 Depth: 148				Well ID: 105-42 Date: 04/16/01 Depth: 148			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	391	226	U	<MDL	399	230	U	<MDL	488	284	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 105-42 Date: 07/18/01 Depth: 148				Well ID: 105-42 Date: 10/11/01 Depth: 148				Well ID: 105-43 Date: 01/26/01 Depth: 148			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	431	401	251	J-N2	<MDL	384	230	U	<MDL	414	228	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 105-43 Date: 04/16/01 Depth: 148				Well ID: 105-43 Date: 07/16/01 Depth: 148				Well ID: 105-43 Date: 10/16/01 Depth: 148			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	469	268	U	<MDL	404	235	U	<MDL	395	233	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 105-44 Date: 01/30/01 Depth: 163				Well ID: 105-44 Date: 04/06/01 Depth: 163				Well ID: 105-44 Date: 07/20/01 Depth: 163			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	461	257	U	<MDL	474	262	U	<MDL	478	279	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 105-44 Date: 10/22/01 Depth: 163				Well ID: 113-07 Date: 08/09/01 Depth: 99				Well ID: 113-07 Date: 11/20/01 Depth: 99			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241					<MDL	16.2	10	U				
Beryllium-7					<MDL	21.1	20	U				
Cesium-134					<MDL	3.08	1.67	U				
Cesium-137					<MDL	3.14	1.7	U				
Co-60					<MDL	3.09	1.66	U				
Cobalt-57					<MDL	2.47	1.41	U				
Europium-152					<MDL	8.6	5.21	U				
Europium-154					<MDL	7.59	4.83	U				
Europium-155					<MDL	10.9	6.08	U				
Gross Alpha					<MDL	1.81	.653	UJ				
Gross Beta					<MDL	1.49	.549	UJ				
Manganese-54					<MDL	2.11	1.37	U				
Sodium-22					<MDL	2.71	1.72	U				
Strontium-90					<MDL	.555	.252	UJ-T				
Tritium	<MDL	432	252	U	<MDL	344	209	U	<MDL	369	212	U
Vanadium-48												
Zinc-65					<MDL	6.04	3.2	U				

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 113-08 Date: 02/12/01 Depth: 142				Well ID: 113-08 Date: 04/06/01 Depth: 142				Well ID: 113-08 Date: 07/18/01 Depth: 142			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	322	180	U	<MDL	481	273	U	<MDL	500	291	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 113-08 Date: 11/26/01 Depth: 142				Well ID: 113-09 Date: 02/12/01 Depth: 222				Well ID: 113-09 Date: 04/06/01 Depth: 222			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	384	220	U	<MDL	325	183	U	<MDL	495	287	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 113-09 Date: 07/18/01 Depth: 222				Well ID: 113-09 Date: 11/26/01 Depth: 222				Well ID: 113-11 Date: 02/12/01 Depth: 201			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	500	291	U	<MDL	411	243	U	<MDL	313	179	U
Vanadium-48												
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC 29/HFBR Tritium)

	Well ID: 113-11 Date: 04/17/01 Depth: 201				Well ID: 113-11 Date: 07/16/01 Depth: 201				Well ID: 113-11 Date: 11/26/01 Depth: 201			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90												
Tritium	<MDL	461	263	U	<MDL	394	231	U	<MDL	383	221	U
Vanadium-48												
Zinc-65												

OU III (AOC 29 HFBR TRITIUM LOW FLOW)

ANALYTICAL RESULTS

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-43 Date: 02/22/01 Depth: 52				Well ID: 075-43 Date: 04/19/01 Depth: 52				Well ID: 075-43 Date: 05/30/01 Depth: 52			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	336000	460	2890		1370	422	330		112000	598	2230	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-43 Date: 06/21/01 Depth: 52				Well ID: 075-43 Date: 07/10/01 Depth: 52				Well ID: 075-43 Date: 08/03/01 Depth: 52			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	160000	369	1880		165000	396	1860		83300	384	1370	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-43 Date: 09/06/01 Depth: 52				Well ID: 075-43 Date: 10/02/01 Depth: 52				Well ID: 075-43 Date: 11/01/01 Depth: 52			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	86200	399	1370		79900	455	1600		93600	691	1900	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-43 Date: 12/06/01 Depth: 52				Well ID: 075-88 Date: 01/02/01 Depth: 68				Well ID: 075-88 Date: 01/16/01 Depth: 68			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	94800	530	1890		50700	448	1140		46000	470	1120	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-88 Date: 01/29/01 Depth: 68				Well ID: 075-88 Date: 02/13/01 Depth: 68				Well ID: 075-88 Date: 02/27/01 Depth: 68			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	53000	398	1130		52400	409	1060		41200	449	1030	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-88 Date: 03/27/01 Depth: 68				Well ID: 075-88 Date: 04/09/01 Depth: 68				Well ID: 075-88 Date: 04/23/01 Depth: 68			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	5990	453	484		8310	411	502		5790	464	481	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-88 Date: 05/07/01 Depth: 68				Well ID: 075-88 Date: 05/23/01 Depth: 68				Well ID: 075-88 Date: 06/07/01 Depth: 68			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	1070	687	434		2670	939	632		568	406	258	J-N2

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-88 Date: 06/21/01 Depth: 68				Well ID: 075-88 Date: 07/06/01 Depth: 68				Well ID: 075-88 Date: 07/17/01 Depth: 68			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	1490	397	294		<MDL	626	380	U	<MDL	478	296	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-88 Date: 07/30/01 Depth: 68				Well ID: 075-88 Date: 08/13/01 Depth: 68				Well ID: 075-88 Date: 08/27/01 Depth: 68			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	<MDL	491	300	U	464	437	271	J-N2	898	450	299	J

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-88 Date: 09/10/01 Depth: 68				Well ID: 075-88 Date: 09/24/01 Depth: 68				Well ID: 075-88 Date: 10/25/01 Depth: 68			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	<MDL	469	281	U	869	421	279	J	1120	387	269	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-89 Date: 01/02/01 Depth: 108				Well ID: 075-89 Date: 02/01/01 Depth: 108				Well ID: 075-89 Date: 03/01/01 Depth: 108			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	529	465	290	J-N2	526	520	322	J-N2	<MDL	507	304	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-89 Date: 04/03/01 Depth: 108				Well ID: 075-89 Date: 05/01/01 Depth: 108				Well ID: 075-89 Date: 06/01/01 Depth: 115			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	<MDL	555	321	U	<MDL	541	292	U	<MDL	446	269	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-89 Date: 07/06/01 Depth: 108				Well ID: 075-89 Date: 08/01/01 Depth: 108				Well ID: 075-89 Date: 09/05/01 Depth: 108			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	<MDL	631	363	U	<MDL	433	260	U	896	525	343	J

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-89 Date: 10/25/01 Depth: 108				Well ID: 075-208 Date: 01/03/01 Depth: 58				Well ID: 075-208 Date: 02/01/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	1350	403	288		<MDL	470	281	U	<MDL	515	292	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-208 Date: 03/01/01 Depth: 58				Well ID: 075-208 Date: 04/03/01 Depth: 58				Well ID: 075-208 Date: 05/01/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	<MDL	520	305	U	<MDL	555	327	U	<MDL	614	360	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-208 Date: 06/01/01 Depth: 68				Well ID: 075-208 Date: 07/06/01 Depth: 58				Well ID: 075-208 Date: 08/01/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	736	436	283	J	689	611	378	J-N2	842	435	287	J

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-208 Date: 09/05/01 Depth: 58				Well ID: 075-208 Date: 10/26/01 Depth: 58				Well ID: 075-209 Date: 01/03/01 Depth: 97			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	<MDL	477	291	U	<MDL	434	253	U	<MDL	474	265	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-209 Date: 02/01/01 Depth: 97				Well ID: 075-209 Date: 03/01/01 Depth: 92				Well ID: 075-209 Date: 04/03/01 Depth: 97			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	<MDL	512	279	U	<MDL	517	295	U	<MDL	583	324	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-209 Date: 05/01/01 Depth: 97				Well ID: 075-209 Date: 06/01/01 Depth: 107				Well ID: 075-209 Date: 07/06/01 Depth: 97			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	<MDL	516	302	U	<MDL	444	252	U	<MDL	607	332	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-209 Date: 08/01/01 Depth: 97				Well ID: 075-209 Date: 09/05/01 Depth: 97				Well ID: 075-209 Date: 10/26/01 Depth: 97			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	<MDL	432	261	U	<MDL	520	304	U	<MDL	443	251	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-224 Date: 01/05/01 Depth: 54				Well ID: 075-224 Date: 02/06/01 Depth: 54				Well ID: 075-224 Date: 03/08/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	<MDL	493	275	U	1850	632	437		14900	394	619	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-224 Date: 04/05/01 Depth: 54				Well ID: 075-224 Date: 05/02/01 Depth: 54				Well ID: 075-224 Date: 06/04/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	10000	407	549		48200	556	1250		10000	462	551	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-224 Date: 07/10/01 Depth: 54				Well ID: 075-224 Date: 08/10/01 Depth: 54				Well ID: 075-224 Date: 09/07/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	10000	410	521		23200	343	722		6600	400	440	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-224 Date: 10/02/01 Depth: 54				Well ID: 075-224 Date: 11/02/01 Depth: 54				Well ID: 075-224 Date: 12/05/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	2540	408	342		9110	467	549		19000	399	677	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-225 Date: 01/05/01 Depth: 50				Well ID: 075-225 Date: 02/06/01 Depth: 50				Well ID: 075-225 Date: 03/08/01 Depth: 50			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	17100	500	741		78000	624	1610		116000	577	2310	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-225 Date: 04/05/01 Depth: 50				Well ID: 075-225 Date: 05/02/01 Depth: 50				Well ID: 075-225 Date: 06/04/01 Depth: 50			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	67900	420	1340		17500	560	797		1660	448	322	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-225 Date: 07/10/01 Depth: 50				Well ID: 075-225 Date: 08/03/01 Depth: 50				Well ID: 075-225 Date: 09/07/01 Depth: 50			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	85500	412	1380		138000	406	1810		265000	404	2400	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-225 Date: 10/02/01 Depth: 50				Well ID: 075-225 Date: 11/05/01 Depth: 50				Well ID: 075-225 Date: 12/05/01 Depth: 50			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	237000	810	4670		241000	843	4760		184000	749	3640	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-226 Date: 01/05/01 Depth: 58				Well ID: 075-226 Date: 02/06/01 Depth: 58				Well ID: 075-226 Date: 03/08/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	<MDL	511	299	U	721	628	391	J-N2	<MDL	400	246	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-226 Date: 04/05/01 Depth: 58				Well ID: 075-226 Date: 05/02/01 Depth: 58				Well ID: 075-226 Date: 06/04/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	<MDL	422	260	U	<MDL	561	332	U	<MDL	448	266	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-226 Date: 07/10/01 Depth: 54				Well ID: 075-226 Date: 08/03/01 Depth: 58				Well ID: 075-226 Date: 09/07/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	<MDL	416	247	U	1050	392	271		17000	401	646	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-226 Date: 10/19/01 Depth: 58				Well ID: 075-227 Date: 01/05/01 Depth: 54				Well ID: 075-227 Date: 02/06/01 Depth: 57			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	1320	447	316		31100	494	959		70600	633	1550	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-227 Date: 03/08/01 Depth: 54				Well ID: 075-227 Date: 04/05/01 Depth: 54				Well ID: 075-227 Date: 05/02/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	122000	591	2420		56700	405	1200		21500	558	868	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-227 Date: 06/04/01 Depth: 54				Well ID: 075-227 Date: 07/10/01 Depth: 54				Well ID: 075-227 Date: 08/03/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	18600	453	701		51200	409	1070		39400	401	979	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-227 Date: 09/07/01 Depth: 54				Well ID: 075-227 Date: 10/19/01 Depth: 54				Well ID: 075-228 Date: 01/05/01 Depth: 50			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	46500	397	1050		35300	422	971		83900	550	1690	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-228 Date: 02/06/01 Depth: 53				Well ID: 075-228 Date: 03/08/01 Depth: 50				Well ID: 075-228 Date: 04/05/01 Depth: 50			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	99600	692	2010		8810	397	500		3070	407	360	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-228 Date: 05/02/01 Depth: 50				Well ID: 075-228 Date: 06/04/01 Depth: 50				Well ID: 075-228 Date: 07/10/01 Depth: 50			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	9110	564	619		12800	462	607		93900	411	1440	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-228 Date: 08/03/01 Depth: 50				Well ID: 075-228 Date: 09/07/01 Depth: 50				Well ID: 075-228 Date: 10/19/01 Depth: 50			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	17600	393	669		105000	550	2100		142000	634	2800	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-229 Date: 01/05/01 Depth: 58				Well ID: 075-229 Date: 02/06/01 Depth: 61				Well ID: 075-229 Date: 03/08/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	9880	506	598		17100	628	821		15200	392	622	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-229 Date: 04/05/01 Depth: 58				Well ID: 075-229 Date: 05/02/01 Depth: 58				Well ID: 075-229 Date: 06/04/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	8490	411	517		3840	553	464		683	441	282	J-N2

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-229 Date: 07/10/01 Depth: 58				Well ID: 075-229 Date: 08/03/01 Depth: 58				Well ID: 075-229 Date: 09/07/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	31200	409	852		21800	400	744		8780	401	505	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-229 Date: 10/19/01 Depth: 58				Well ID: 075-230 Date: 01/05/01 Depth: 54				Well ID: 075-230 Date: 02/06/01 Depth: 57			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	14500	431	656		21000	507	817		25200	627	965	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-230 Date: 03/08/01 Depth: 54				Well ID: 075-230 Date: 04/05/01 Depth: 54				Well ID: 075-230 Date: 05/02/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	28600	397	833		21500	408	767		45200	547	1200	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-230 Date: 06/04/01 Depth: 54				Well ID: 075-230 Date: 07/10/01 Depth: 54				Well ID: 075-230 Date: 08/03/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	50800	455	1110		62100	421	1200		84200	393	1400	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-230 Date: 09/07/01 Depth: 54				Well ID: 075-230 Date: 10/01/01 Depth: 54				Well ID: 075-230 Date: 11/05/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	39500	401	980		46300	399	1060		8000	419	503	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-230 Date: 12/06/01 Depth: 54				Well ID: 075-231 Date: 01/05/01 Depth: 50				Well ID: 075-231 Date: 02/02/01 Depth: 50			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	7560	395	459		112000	644	2240		47300	401	1070	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-231 Date: 03/08/01 Depth: 50				Well ID: 075-231 Date: 04/04/01 Depth: 50				Well ID: 075-231 Date: 05/02/01 Depth: 50			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	15000	392	619		20400	417	742		2500	550	417	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-231 Date: 06/04/01 Depth: 50				Well ID: 075-231 Date: 07/10/01 Depth: 50				Well ID: 075-231 Date: 08/02/01 Depth: 50			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	21600	471	765		24400	424	775		13700	450	651	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-231 Date: 09/07/01 Depth: 56				Well ID: 075-231 Date: 10/01/01 Depth: 50				Well ID: 075-231 Date: 11/05/01 Depth: 50			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	29300	403	855		31800	399	888		23900	405	787	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-231 Date: 12/06/01 Depth: 50				Well ID: 075-232 Date: 01/05/01 Depth: 58				Well ID: 075-232 Date: 02/02/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	14300	395	594		16900	519	753		14700	401	628	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-232 Date: 03/08/01 Depth: 58				Well ID: 075-232 Date: 04/04/01 Depth: 58				Well ID: 075-232 Date: 05/02/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	9570	391	512		5560	409	432		13200	544	697	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-232 Date: 06/04/01 Depth: 58				Well ID: 075-232 Date: 07/10/01 Depth: 58				Well ID: 075-232 Date: 08/02/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	3060	452	370		24100	417	765		31500	451	944	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-232 Date: 09/07/01 Depth: 58				Well ID: 075-232 Date: 10/19/01 Depth: 58				Well ID: 075-233 Date: 01/05/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	26000	384	787		15800	450	699		15200	518	720	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-233 Date: 02/02/01 Depth: 54				Well ID: 075-233 Date: 03/07/01 Depth: 54				Well ID: 075-233 Date: 04/04/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	27700	410	845		4090	335	316		28600	407	854	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-233 Date: 05/02/01 Depth: 54				Well ID: 075-233 Date: 06/04/01 Depth: 54				Well ID: 075-233 Date: 07/09/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	46900	561	1240		44900	487	1090		109000	420	1630	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-233 Date: 08/02/01 Depth: 54				Well ID: 075-233 Date: 09/07/01 Depth: 54				Well ID: 075-233 Date: 10/19/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	37800	444	1020		49700	411	1110		11500	434	598	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-234 Date: 01/05/01 Depth: 50				Well ID: 075-234 Date: 02/02/01 Depth: 50				Well ID: 075-234 Date: 03/07/01 Depth: 50			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	61400	516	1350		28500	412	858		3140	342	296	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-234 Date: 04/04/01 Depth: 50				Well ID: 075-234 Date: 05/02/01 Depth: 50				Well ID: 075-234 Date: 06/04/01 Depth: 50			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	5030	409	417		11500	547	664		18800	468	718	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-234 Date: 07/10/01 Depth: 50				Well ID: 075-234 Date: 08/02/01 Depth: 50				Well ID: 075-234 Date: 09/06/01 Depth: 50			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	448	414	257	J-N2	9780	454	570		8200	410	498	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-234 Date: 10/19/01 Depth: 50				Well ID: 075-235 Date: 01/05/01 Depth: 58				Well ID: 075-235 Date: 02/02/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	5130	423	432		20000	510	802		11800	400	570	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-235 Date: 03/07/01 Depth: 58				Well ID: 075-235 Date: 04/04/01 Depth: 58				Well ID: 075-235 Date: 05/02/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	12700	340	485		4110	421	398		4590	546	484	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-235 Date: 06/04/01 Depth: 58				Well ID: 075-235 Date: 07/10/01 Depth: 58				Well ID: 075-235 Date: 08/02/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	5910	449	448		8020	419	483		25100	451	851	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-235 Date: 09/06/01 Depth: 58				Well ID: 075-235 Date: 10/19/01 Depth: 58				Well ID: 075-236 Date: 01/05/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	23800	417	791		25700	433	850		1520	517	361	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-236 Date: 02/02/01 Depth: 54				Well ID: 075-236 Date: 03/07/01 Depth: 54				Well ID: 075-236 Date: 04/04/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	3900	413	386		5130	338	342		21900	420	769	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-236 Date: 05/02/01 Depth: 54				Well ID: 075-236 Date: 06/04/01 Depth: 54				Well ID: 075-236 Date: 07/09/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	56500	544	1330		34500	441	912		31500	419	898	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-236 Date: 08/02/01 Depth: 54				Well ID: 075-236 Date: 09/06/01 Depth: 54				Well ID: 075-236 Date: 10/01/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	11100	450	596		13000	379	574		12000	397	573	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-236 Date: 11/05/01 Depth: 54				Well ID: 075-236 Date: 12/06/01 Depth: 54				Well ID: 075-237 Date: 01/03/01 Depth: 50			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	3040	405	354		7480	400	461		24600	432	841	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-237 Date: 02/02/01 Depth: 50				Well ID: 075-237 Date: 03/07/01 Depth: 50				Well ID: 075-237 Date: 04/04/01 Depth: 48			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	4150	397	383		1790	341	258		9640	409	533	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-237 Date: 05/02/01 Depth: 50				Well ID: 075-237 Date: 06/04/01 Depth: 50				Well ID: 075-237 Date: 07/09/01 Depth: 50			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	6310	562	544		11000	433	549		6740	417	465	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-237 Date: 08/02/01 Depth: 50				Well ID: 075-237 Date: 09/06/01 Depth: 50				Well ID: 075-237 Date: 10/02/01 Depth: 50			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	544	450	283	J-N2	2610	419	346		6340	407	460	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-237 Date: 11/05/01 Depth: 50				Well ID: 075-237 Date: 12/04/01 Depth: 50				Well ID: 075-238 Date: 01/03/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	1590	404	301		1130	408	281		6200	447	483	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-238 Date: 02/02/01 Depth: 58				Well ID: 075-238 Date: 03/07/01 Depth: 58				Well ID: 075-238 Date: 04/04/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	5190	414	424		7420	342	393		2260	407	328	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-238 Date: 05/02/01 Depth: 58				Well ID: 075-238 Date: 06/04/01 Depth: 58				Well ID: 075-238 Date: 07/09/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	3610	556	459		<MDL	438	256	U	3360	424	373	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-238 Date: 08/02/01 Depth: 58				Well ID: 075-238 Date: 09/06/01 Depth: 58				Well ID: 075-238 Date: 10/23/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	13100	451	640		11000	416	564		11200	435	597	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-239 Date: 01/03/01 Depth: 54				Well ID: 075-239 Date: 02/02/01 Depth: 54				Well ID: 075-239 Date: 03/07/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	2260	449	356		1100	416	288		1790	336	255	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-239 Date: 04/04/01 Depth: 54				Well ID: 075-239 Date: 05/02/01 Depth: 54				Well ID: 075-239 Date: 06/01/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	8330	413	506		10900	558	658		11700	445	600	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-239 Date: 07/09/01 Depth: 54				Well ID: 075-239 Date: 08/02/01 Depth: 54				Well ID: 075-239 Date: 09/06/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	26500	423	834		22900	455	819		19100	409	710	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-239 Date: 10/23/01 Depth: 54				Well ID: 075-240 Date: 01/03/01 Depth: 50				Well ID: 075-240 Date: 02/02/01 Depth: 60			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	6350	434	478		19000	432	747		12300	412	591	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-240 Date: 03/07/01 Depth: 50				Well ID: 075-240 Date: 04/04/01 Depth: 50				Well ID: 075-240 Date: 05/02/01 Depth: 50			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	5810	347	363		914	400	271	J	687	558	350	N2

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-240 Date: 06/01/01 Depth: 50				Well ID: 075-240 Date: 07/09/01 Depth: 50				Well ID: 075-240 Date: 08/02/01 Depth: 50			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	13700	443	639		18700	407	697		3020	450	381	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-240 Date: 09/06/01 Depth: 50				Well ID: 075-240 Date: 10/23/01 Depth: 50				Well ID: 075-241 Date: 01/03/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	1720	385	294		<MDL	428	251	U	7630	412	496	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-241 Date: 02/02/01 Depth: 58				Well ID: 075-241 Date: 03/07/01 Depth: 58				Well ID: 075-241 Date: 04/04/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	3990	417	391		9450	347	435		18000	408	694	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-241 Date: 05/02/01 Depth: 58				Well ID: 075-241 Date: 06/01/01 Depth: 58				Well ID: 075-241 Date: 07/09/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	4280	563	485		<MDL	461	281	U	1310	415	295	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-241 Date: 08/02/01 Depth: 58				Well ID: 075-241 Date: 09/06/01 Depth: 58				Well ID: 075-241 Date: 10/23/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	2460	450	360		10700	417	559		10500	423	572	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-242 Date: 01/03/01 Depth: 54				Well ID: 075-242 Date: 02/02/01 Depth: 54				Well ID: 075-242 Date: 03/07/01 Depth: 55			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	1910	437	335		3510	417	376		1770	348	262	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-242 Date: 04/04/01 Depth: 54				Well ID: 075-242 Date: 05/01/01 Depth: 54				Well ID: 075-242 Date: 06/01/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	10500	417	557		19100	553	827		15700	458	690	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-242 Date: 07/09/01 Depth: 54				Well ID: 075-242 Date: 08/02/01 Depth: 54				Well ID: 075-242 Date: 09/06/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	19300	402	702		23800	450	828		20400	375	697	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-242 Date: 10/01/01 Depth: 54				Well ID: 075-242 Date: 11/05/01 Depth: 54				Well ID: 075-242 Date: 12/04/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	19100	420	724		7070	405	470		1580	386	285	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-244 Date: 01/03/01 Depth: 58				Well ID: 075-244 Date: 02/02/01 Depth: 61				Well ID: 075-244 Date: 03/07/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	3380	439	391		7280	411	478		13300	339	493	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-244 Date: 04/04/01 Depth: 57				Well ID: 075-244 Date: 05/01/01 Depth: 58				Well ID: 075-244 Date: 06/01/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	15600	403	646		4700	539	485		1670	437	323	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-244 Date: 07/09/01 Depth: 58				Well ID: 075-244 Date: 08/02/01 Depth: 58				Well ID: 075-244 Date: 09/05/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	585	400	256	J-N2	981	449	302	J	5930	540	539	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-244 Date: 10/01/01 Depth: 58				Well ID: 075-244 Date: 11/05/01 Depth: 58				Well ID: 075-244 Date: 12/04/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	11200	419	575		10300	405	545		4960	406	402	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-245 Date: 01/03/01 Depth: 50				Well ID: 075-245 Date: 02/02/01 Depth: 50				Well ID: 075-245 Date: 03/07/01 Depth: 50			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	835	440	292	J	1250	410	291		<MDL	340	208	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-245 Date: 04/04/01 Depth: 50				Well ID: 075-245 Date: 05/01/01 Depth: 50				Well ID: 075-245 Date: 06/01/01 Depth: 50			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	428	417	259	J-N2	1390	540	370		493	452	282	J-N2

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-245 Date: 07/09/01 Depth: 50				Well ID: 075-245 Date: 08/02/01 Depth: 50				Well ID: 075-245 Date: 09/05/01 Depth: 50			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	1610	404	301		1340	447	316		6500	520	543	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-245 Date: 10/23/01 Depth: 50				Well ID: 075-285 Date: 01/03/01 Depth: 54				Well ID: 075-285 Date: 02/01/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	3430	441	393		10100	448	583		2380	516	392	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-285 Date: 03/01/01 Depth: 54				Well ID: 075-285 Date: 04/03/01 Depth: 54				Well ID: 075-285 Date: 05/01/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	1260	532	361		<MDL	564	330	U	10000	545	633	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-285 Date: 06/01/01 Depth: 54				Well ID: 075-285 Date: 07/09/01 Depth: 54				Well ID: 075-285 Date: 08/01/01 Depth: 57			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	3890	463	415		3160	413	361		1480	427	309	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-285 Date: 09/05/01 Depth: 54				Well ID: 075-285 Date: 10/23/01 Depth: 54				Well ID: 075-286 Date: 01/03/01 Depth: 50			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	6000	528	533		7170	458	497	J	1440	450	324	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-286 Date: 02/01/01 Depth: 50				Well ID: 075-286 Date: 03/01/01 Depth: 50				Well ID: 075-286 Date: 04/03/01 Depth: 50			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	<MDL	524	303	U	1990	510	377		8640	564	606	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-286 Date: 05/01/01 Depth: 50				Well ID: 075-286 Date: 06/01/01 Depth: 50				Well ID: 075-286 Date: 07/09/01 Depth: 50			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	29800	538	991		14400	456	663		2990	410	353	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-286 Date: 08/01/01 Depth: 53				Well ID: 075-286 Date: 09/05/01 Depth: 50				Well ID: 075-286 Date: 10/23/01 Depth: 50			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	1180	439	304		3200	535	444		4330	439	422	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-287 Date: 01/03/01 Depth: 58				Well ID: 075-287 Date: 02/01/01 Depth: 58				Well ID: 075-287 Date: 03/01/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	4480	451	434		1710	524	371		741	521	332	J-N2

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-287 Date: 04/03/01 Depth: 58				Well ID: 075-287 Date: 05/01/01 Depth: 58				Well ID: 075-287 Date: 06/01/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	<MDL	575	343	U	<MDL	530	321	U	1800	447	333	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-287 Date: 07/09/01 Depth: 58				Well ID: 075-287 Date: 08/01/01 Depth: 61				Well ID: 075-287 Date: 09/05/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	6310	401	443		<MDL	441	255	U	<MDL	533	310	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-287 Date: 10/23/01 Depth: 58				Well ID: 075-288 Date: 01/03/01 Depth: 50				Well ID: 075-288 Date: 02/02/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	2110	419	333		27600	456	912		50100	412	1120	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-288 Date: 03/01/01 Depth: 50				Well ID: 075-288 Date: 04/03/01 Depth: 54				Well ID: 075-288 Date: 05/01/01 Depth: 55			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	53900	502	1270		34400	551	1060		46200	548	1220	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-288 Date: 06/01/01 Depth: 54				Well ID: 075-288 Date: 07/09/01 Depth: 54				Well ID: 075-288 Date: 08/02/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	27000	450	870		9440	406	521		5210	449	449	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-288 Date: 09/05/01 Depth: 54				Well ID: 075-288 Date: 10/25/01 Depth: 55				Well ID: 075-289 Date: 01/04/01 Depth: 60			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	10100	514	636		3970	379	362		584000	4160	17800	
									585000	4160	17700	
									761000	4160	20300	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-289 Date: 01/16/01 Depth: 60				Well ID: 075-289 Date: 01/29/01 Depth: 60				Well ID: 075-289 Date: 02/14/01 Depth: 60			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	497000	1360	9720		389000	1120	7630		241000	510	2660	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-289 Date: 02/27/01 Depth: 60				Well ID: 075-289 Date: 03/15/01 Depth: 60				Well ID: 075-289 Date: 03/27/01 Depth: 60			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	168000	748	3330		79600	541	1600		33800	455	1010	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-289 Date: 04/09/01 Depth: 60				Well ID: 075-289 Date: 04/23/01 Depth: 60				Well ID: 075-289 Date: 05/07/01 Depth: 60			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	27700	433	867		47400	458	1170		58000	678	1350	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-289 Date: 05/22/01 Depth: 60				Well ID: 075-289 Date: 06/06/01 Depth: 60				Well ID: 075-289 Date: 06/21/01 Depth: 60			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	83900	836	1760		127000	732	2540		116000	386	1640	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-289 Date: 07/06/01 Depth: 60				Well ID: 075-289 Date: 07/17/01 Depth: 60				Well ID: 075-289 Date: 08/01/01 Depth: 60			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	97300	624	1700		64900	478	1390		45500	433	1090	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-289 Date: 08/13/01 Depth: 60				Well ID: 075-289 Date: 08/27/01 Depth: 60				Well ID: 075-289 Date: 09/10/01 Depth: 60			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	33300	421	905		17800	447	733		17100	471	730	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-289 Date: 09/24/01 Depth: 60				Well ID: 075-289 Date: 10/23/01 Depth: 60				Well ID: 075-291 Date: 01/02/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	7980	403	482		3000	440	378		405000	1200	7980	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-291 Date: 01/16/01 Depth: 54				Well ID: 075-291 Date: 01/29/01 Depth: 54				Well ID: 075-291 Date: 02/13/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	345000	1140	6790		345000	1020	6800		235000	892	4630	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-291 Date: 02/27/01 Depth: 54				Well ID: 075-291 Date: 03/14/01 Depth: 54				Well ID: 075-291 Date: 03/27/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	148000	709	2950		117000	508	1850		36100	451	1040	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-291 Date: 04/09/01 Depth: 54				Well ID: 075-291 Date: 04/23/01 Depth: 54				Well ID: 075-291 Date: 05/07/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	12500	406	589		6470	463	499		4400	669	524	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-291 Date: 05/23/01 Depth: 54				Well ID: 075-291 Date: 06/07/01 Depth: 54				Well ID: 075-291 Date: 06/21/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	<MDL	933	552	U	1900	394	301		3580	403	371	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-291 Date: 07/06/01 Depth: 54				Well ID: 075-291 Date: 07/17/01 Depth: 54				Well ID: 075-291 Date: 07/30/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	4400	612	497		5900	472	488		10400	503	617	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-291 Date: 08/13/01 Depth: 54				Well ID: 075-291 Date: 08/27/01 Depth: 54				Well ID: 075-291 Date: 09/10/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	23400	446	794		9130	445	553		11800	508	654	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-291 Date: 09/24/01 Depth: 54				Well ID: 075-291 Date: 10/25/01 Depth: 54				Well ID: 075-292 Date: 01/03/01 Depth: 50			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	19500	433	728		16600	384	636		26100	466	900	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-292 Date: 02/01/01 Depth: 50				Well ID: 075-292 Date: 03/01/01 Depth: 50				Well ID: 075-292 Date: 04/03/01 Depth: 47			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	10300	512	609		11600	513	649		35600	566	1090	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-292 Date: 05/01/01 Depth: 50				Well ID: 075-292 Date: 06/01/01 Depth: 53				Well ID: 075-292 Date: 07/06/01 Depth: 50			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	54700	529	1300		45600	443	1100		18700	516	752	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-292 Date: 08/01/01 Depth: 50				Well ID: 075-292 Date: 09/05/01 Depth: 50				Well ID: 075-292 Date: 10/25/01 Depth: 50			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	5880	433	453		10800	511	651		13200	386	576	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-293 Date: 01/02/01 Depth: 54				Well ID: 075-293 Date: 01/16/01 Depth: 54				Well ID: 075-293 Date: 01/29/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	147000	703	2910		124000	651	2480		117000	570	2320	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-293 Date: 02/15/01 Depth: 54				Well ID: 075-293 Date: 02/27/01 Depth: 54				Well ID: 075-293 Date: 03/14/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	132000	503	1960		127000	646	2530		91500	508	1640	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-293 Date: 03/27/01 Depth: 54				Well ID: 075-293 Date: 04/09/01 Depth: 54				Well ID: 075-293 Date: 04/23/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	76600	461	1500		69700	377	1250		39400	467	1080	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-293 Date: 05/07/01 Depth: 54				Well ID: 075-293 Date: 05/23/01 Depth: 54				Well ID: 075-293 Date: 06/07/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	23300	667	901		21300	913	1050		7230	397	452	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-293 Date: 06/21/01 Depth: 54				Well ID: 075-293 Date: 07/06/01 Depth: 54				Well ID: 075-293 Date: 07/17/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	5090	395	411		5440	609	524		6340	470	499	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-293 Date: 07/30/01 Depth: 54				Well ID: 075-293 Date: 08/13/01 Depth: 54				Well ID: 075-293 Date: 08/27/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	6930	492	523		10400	436	555		13300	451	651	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-293 Date: 09/10/01 Depth: 54				Well ID: 075-293 Date: 09/24/01 Depth: 54				Well ID: 075-293 Date: 10/23/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	14200	467	672		14700	429	641		14800	432	669	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-294 Date: 01/02/01 Depth: 56				Well ID: 075-294 Date: 01/16/01 Depth: 56				Well ID: 075-294 Date: 01/29/01 Depth: 56			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	377000	1150	7390		221000	887	4360		134000	627	2660	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-294 Date: 02/14/01 Depth: 56				Well ID: 075-294 Date: 02/27/01 Depth: 56				Well ID: 075-294 Date: 03/15/01 Depth: 56			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	71200	510	1470		43200	446	1050		23200	499	835	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-294 Date: 03/27/01 Depth: 56				Well ID: 075-294 Date: 04/09/01 Depth: 56				Well ID: 075-294 Date: 04/23/01 Depth: 56			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	21400	453	817		20500	407	732		20700	456	796	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-294 Date: 05/07/01 Depth: 56				Well ID: 075-294 Date: 05/22/01 Depth: 56				Well ID: 075-294 Date: 06/07/01 Depth: 56			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	25300	643	911		30600	808	1110		30500	395	832	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-294 Date: 06/21/01 Depth: 56				Well ID: 075-294 Date: 07/06/01 Depth: 56				Well ID: 075-294 Date: 07/17/01 Depth: 56			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	29900	416	888		22800	606	868		13700	478	682	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-294 Date: 07/30/01 Depth: 56				Well ID: 075-294 Date: 08/13/01 Depth: 56				Well ID: 075-294 Date: 08/27/01 Depth: 56			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	11800	498	646		7110	435	480		5290	430	442	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-294 Date: 09/10/01 Depth: 56				Well ID: 075-294 Date: 09/24/01 Depth: 56				Well ID: 075-294 Date: 10/25/01 Depth: 56			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	6650	485	511		3180	403	353		1790	385	295	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-295 Date: 01/02/01 Depth: 54				Well ID: 075-295 Date: 01/16/01 Depth: 54				Well ID: 075-295 Date: 01/29/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	37700	446	991		19400	470	753		14000	407	620	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-295 Date: 02/13/01 Depth: 54				Well ID: 075-295 Date: 02/27/01 Depth: 54				Well ID: 075-295 Date: 03/14/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	17100	319	505		11300	457	591		2660	491	390	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-295 Date: 03/27/01 Depth: 54				Well ID: 075-295 Date: 04/09/01 Depth: 54				Well ID: 075-295 Date: 04/23/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	3780	445	410		43700	406	1040		46900	466	1180	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-295 Date: 05/07/01 Depth: 54				Well ID: 075-295 Date: 05/22/01 Depth: 54				Well ID: 075-295 Date: 06/07/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	38900	658	1110		25100	819	1030		14800	387	594	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-295 Date: 06/21/01 Depth: 54				Well ID: 075-295 Date: 07/06/01 Depth: 54				Well ID: 075-295 Date: 07/17/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	9520	407	531		5430	531	485		3900	443	408	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-295 Date: 07/30/01 Depth: 54				Well ID: 075-295 Date: 08/13/01 Depth: 54				Well ID: 075-295 Date: 08/27/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	2610	501	396		2620	432	350		6750	429	482	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-295 Date: 09/10/01 Depth: 54				Well ID: 075-295 Date: 09/24/01 Depth: 54				Well ID: 075-295 Date: 10/23/01 Depth: 54			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	4850	497	468		7330	415	474		14900	444	682	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-296 Date: 01/02/01 Depth: 64				Well ID: 075-296 Date: 01/16/01 Depth: 64				Well ID: 075-296 Date: 01/29/01 Depth: 64			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	251000	886	4940		309000	1070	6100		348000	1030	6830	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-296 Date: 02/13/01 Depth: 64				Well ID: 075-296 Date: 02/27/01 Depth: 64				Well ID: 075-296 Date: 03/14/01 Depth: 64			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	323000	1050	6360		465000	1310	9140		828000	501	4820	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-296 Date: 03/28/01 Depth: 60				Well ID: 075-296 Date: 04/05/01 Depth: 58				Well ID: 075-296 Date: 04/23/01 Depth: 64			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	571000	3810	17800		410000	3800	14600		447000	457	3510	
	577000	3810	17800		442000	3800	15600					
	766000	3810	20500		557000	3800	17500					

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-296 Date: 05/07/01 Depth: 64				Well ID: 075-296 Date: 05/22/01 Depth: 64				Well ID: 075-296 Date: 06/06/01 Depth: 64			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	515000	684	3890		286000	1570	5700		172000	850	3420	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-296 Date: 06/21/01 Depth: 64				Well ID: 075-296 Date: 07/05/01 Depth: 64				Well ID: 075-296 Date: 07/17/01 Depth: 64			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	147000	393	1860		214000	636	2520		207000	816	4080	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-296 Date: 08/01/01 Depth: 64				Well ID: 075-296 Date: 08/13/01 Depth: 64				Well ID: 075-296 Date: 08/27/01 Depth: 64			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	259000	915	5100		268000	944	5270		245000	870	4830	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-296 Date: 09/10/01 Depth: 64				Well ID: 075-296 Date: 09/24/01 Depth: 64				Well ID: 075-296 Date: 10/01/01 Depth: 64			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	218000	874	4310		158000	698	3130		190000	724	3740	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-296 Date: 11/02/01 Depth: 64				Well ID: 075-296 Date: 12/03/01 Depth: 64				Well ID: 075-297 Date: 01/02/01 Depth: 64			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	135000	686	2680		47700	493	1210		426000	1220	8380	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-297 Date: 01/16/01 Depth: 64				Well ID: 075-297 Date: 01/29/01 Depth: 64				Well ID: 075-297 Date: 02/13/01 Depth: 64			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	353000	1140	6930		337000	1010	6640		357000	1100	7000	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-297 Date: 02/27/01 Depth: 64				Well ID: 075-297 Date: 03/14/01 Depth: 64				Well ID: 075-297 Date: 03/27/01 Depth: 64			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	461000	1300	9070		670000	503	4350		634000	455	4240	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-297 Date: 04/09/01 Depth: 64				Well ID: 075-297 Date: 04/24/01 Depth: 64				Well ID: 075-297 Date: 05/07/01 Depth: 64			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	581000	415	3740		472000	3500	15500		447000	656	3560	
					537000	3500	16500					
					609000	3500	17600					

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-297 Date: 05/22/01 Depth: 64				Well ID: 075-297 Date: 06/06/01 Depth: 64				Well ID: 075-297 Date: 06/21/01 Depth: 64			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	336000	1720	6670		325000	1200	6410		279000	405	2590	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-297 Date: 07/05/01 Depth: 64				Well ID: 075-297 Date: 07/17/01 Depth: 64				Well ID: 075-297 Date: 07/30/01 Depth: 64			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	260000	620	2740		179000	761	3550		132000	675	2620	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-297 Date: 08/13/01 Depth: 64				Well ID: 075-297 Date: 08/27/01 Depth: 64				Well ID: 075-297 Date: 09/10/01 Depth: 64			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	72100	426	1440		41300	445	1080		34500	461	990	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-297 Date: 09/24/01 Depth: 64				Well ID: 075-297 Date: 10/25/01 Depth: 64				Well ID: 075-297 Date: 11/06/01 Depth: 64			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	90600	510	1810		38600	389	942		34100	419	944	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-297 Date: 12/14/01 Depth: 64				Well ID: 075-298 Date: 01/02/01 Depth: 58				Well ID: 075-298 Date: 01/16/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	22400	374	728		57600	424	1180		226000	865	4470	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-298 Date: 01/29/01 Depth: 58				Well ID: 075-298 Date: 02/13/01 Depth: 58				Well ID: 075-298 Date: 02/27/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	29500	419	879		31300	320	663		26700	448	845	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-298 Date: 03/14/01 Depth: 58				Well ID: 075-298 Date: 03/27/01 Depth: 58				Well ID: 075-298 Date: 04/09/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	107000	504	1760		20100	463	803		36200	380	917	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-298 Date: 04/23/01 Depth: 58				Well ID: 075-298 Date: 05/07/01 Depth: 58				Well ID: 075-298 Date: 05/22/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	98800	456	1660		354000	653	3160		428000	1980	8490	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-298 Date: 06/06/01 Depth: 58				Well ID: 075-298 Date: 06/21/01 Depth: 58				Well ID: 075-298 Date: 07/05/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	301000	1140	5930		233000	410	2380		187000	610	2310	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-298 Date: 07/17/01 Depth: 58				Well ID: 075-298 Date: 07/30/01 Depth: 58				Well ID: 075-298 Date: 08/13/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	105000	572	2090		74300	490	1490		43700	410	1050	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-298 Date: 08/27/01 Depth: 58				Well ID: 075-298 Date: 09/10/01 Depth: 58				Well ID: 075-298 Date: 09/24/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	53600	427	1190		38400	469	1050		14400	404	613	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-298 Date: 10/01/01 Depth: 58				Well ID: 075-298 Date: 11/02/01 Depth: 58				Well ID: 075-298 Date: 12/04/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	7570	388	469		15600	476	691		29300	405	828	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-299 Date: 01/02/01 Depth: 58				Well ID: 075-299 Date: 01/16/01 Depth: 58				Well ID: 075-299 Date: 01/29/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	3150	453	381		2780	485	387		3600	437	391	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-299 Date: 02/13/01 Depth: 58				Well ID: 075-299 Date: 02/27/01 Depth: 58				Well ID: 075-299 Date: 03/14/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	3340	315	275		2930	446	369		3240	500	415	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-299 Date: 03/27/01 Depth: 58				Well ID: 075-299 Date: 04/09/01 Depth: 58				Well ID: 075-299 Date: 04/23/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	4220	452	429		5780	409	437		7060	456	510	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-299 Date: 05/07/01 Depth: 58				Well ID: 075-299 Date: 05/22/01 Depth: 58				Well ID: 075-299 Date: 06/06/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	9650	652	640		14300	858	864		21200	548	837	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-299 Date: 06/21/01 Depth: 58				Well ID: 075-299 Date: 07/05/01 Depth: 58				Well ID: 075-299 Date: 07/17/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	18600	405	706		18100	618	798		8100	476	551	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-299 Date: 07/30/01 Depth: 58				Well ID: 075-299 Date: 08/13/01 Depth: 58				Well ID: 075-299 Date: 08/27/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	3270	498	417		1820	385	299		2400	452	362	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-299 Date: 09/10/01 Depth: 58				Well ID: 075-299 Date: 09/24/01 Depth: 58				Well ID: 075-299 Date: 10/01/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	17800	470	742		25100	404	786		31300	395	878	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-299 Date: 11/02/01 Depth: 58				Well ID: 075-299 Date: 12/04/01 Depth: 58				Well ID: 075-413 Date: 03/12/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	27800	475	889		43000	406	993		256000	3820	11900	
									439000	3820	15500	
									441000	3820	15500	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-413 Date: 03/27/01 Depth: 58				Well ID: 075-413 Date: 04/09/01 Depth: 58				Well ID: 075-413 Date: 04/23/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	264000	459	2750		439000	430	3310		272000	442	2700	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-413 Date: 05/07/01 Depth: 58				Well ID: 075-413 Date: 05/23/01 Depth: 58				Well ID: 075-413 Date: 06/06/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	294000	637	2850		211000	1370	4230		174000	857	3450	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-413 Date: 06/21/01 Depth: 58				Well ID: 075-413 Date: 07/06/01 Depth: 58				Well ID: 075-413 Date: 07/17/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	124000	385	1690		62400	652	1410		53000	467	1240	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-413 Date: 07/30/01 Depth: 58				Well ID: 075-413 Date: 08/13/01 Depth: 58				Well ID: 075-413 Date: 08/27/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	12900	500	671		28800	423	849		47700	445	1150	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-413 Date: 09/10/01 Depth: 58				Well ID: 075-413 Date: 09/24/01 Depth: 58				Well ID: 075-413 Date: 10/23/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	14400	506	708		19200	428	719		6160	431	470	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-414 Date: 06/21/01 Depth: 62				Well ID: 075-414 Date: 07/05/01 Depth: 62				Well ID: 075-414 Date: 08/01/01 Depth: 62			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	223000	408	2320		243000	582	2560		131000	632	2610	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-414 Date: 09/10/01 Depth: 62				Well ID: 075-414 Date: 10/01/01 Depth: 62				Well ID: 075-414 Date: 11/02/01 Depth: 62			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	125000	649	2480		80200	466	1600		55400	477	1230	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-414 Date: 12/03/01 Depth: 62				Well ID: 075-415 Date: 06/21/01 Depth: 64				Well ID: 075-415 Date: 07/05/01 Depth: 64			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	29900	488	967		365000	403	2950		397000	640	3430	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-415 Date: 07/17/01 Depth: 64				Well ID: 075-415 Date: 07/30/01 Depth: 64				Well ID: 075-415 Date: 08/13/01 Depth: 64			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	431000	1230	8480		340000	1090	6680		343000	979	6720	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-415 Date: 08/27/01 Depth: 64				Well ID: 075-415 Date: 09/10/01 Depth: 64				Well ID: 075-415 Date: 09/24/01 Depth: 64			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	246000	862	4850		139000	691	2770		50200	417	1100	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-415 Date: 10/01/01 Depth: 64				Well ID: 075-415 Date: 11/02/01 Depth: 64				Well ID: 075-415 Date: 12/03/01 Depth: 64			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	35800	424	970		13000	473	639		9690	493	600	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-416 Date: 06/21/01 Depth: 62				Well ID: 075-416 Date: 07/05/01 Depth: 62				Well ID: 075-416 Date: 07/17/01 Depth: 62			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	602000	366	3610		731000	619	4560		562000	1400	11000	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-416 Date: 07/30/01 Depth: 62				Well ID: 075-416 Date: 08/13/01 Depth: 62				Well ID: 075-416 Date: 08/27/01 Depth: 62			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	526000	1420	10300		534000	1230	10400		547000	1320	10700	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-416 Date: 09/10/01 Depth: 62				Well ID: 075-416 Date: 09/24/01 Depth: 62				Well ID: 075-416 Date: 10/01/01 Depth: 62			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	499000	1380	9810		260000	906	5100		216000	805	4270	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-416 Date: 11/02/01 Depth: 62				Well ID: 075-416 Date: 12/03/01 Depth: 62				Well ID: 075-417 Date: 06/21/01 Depth: 62			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	47200	472	1130		50800	504	1260		561000	384	3570	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-417 Date: 07/05/01 Depth: 62				Well ID: 075-417 Date: 07/17/01 Depth: 62				Well ID: 075-417 Date: 07/30/01 Depth: 62			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	731000	631	4600		642000	1510	12500		670000	1620	13200	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-417 Date: 08/13/01 Depth: 62				Well ID: 075-417 Date: 08/27/01 Depth: 62				Well ID: 075-417 Date: 09/10/01 Depth: 62			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	591000	1340	11600		551000	1360	10800		442000	1270	8690	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-417 Date: 09/24/01 Depth: 62				Well ID: 075-417 Date: 10/01/01 Depth: 62				Well ID: 075-417 Date: 11/02/01 Depth: 62			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	318000	1010	6270		249000	835	4900		78000	515	1570	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-417 Date: 12/03/01 Depth: 62				Well ID: 075-418 Date: 06/21/01 Depth: 58				Well ID: 075-418 Date: 07/05/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	97300	584	1950		469000	374	3220		706000	626	4510	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-418 Date: 07/17/01 Depth: 58				Well ID: 075-418 Date: 07/30/01 Depth: 58				Well ID: 075-418 Date: 08/13/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	643000	1520	12600		708000	1650	13900		611000	1320	12000	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-418 Date: 08/27/01 Depth: 58				Well ID: 075-418 Date: 09/10/01 Depth: 58				Well ID: 075-418 Date: 09/24/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	477000	1260	9360		297000	1040	5870		249000	880	4910	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-418 Date: 10/01/01 Depth: 58				Well ID: 075-418 Date: 11/02/01 Depth: 58				Well ID: 075-418 Date: 12/03/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	361000	1040	7100		433000	1250	8490		447000	1340	8790	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-419 Date: 07/30/01 Depth: 58				Well ID: 075-419 Date: 08/13/01 Depth: 58				Well ID: 075-419 Date: 08/27/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	233000	907	4590		190000	724	3750		208000	795	4100	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-419 Date: 09/10/01 Depth: 58				Well ID: 075-419 Date: 09/24/01 Depth: 58				Well ID: 075-419 Date: 10/01/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	148000	712	2940		105000	557	2090		138000	621	2730	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-419 Date: 11/02/01 Depth: 58				Well ID: 075-419 Date: 12/03/01 Depth: 58				Well ID: 075-558 Date: 10/05/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	108000	605	2150		26300	527	951		25800	397	824	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 075-558 Date: 11/06/01 Depth: 58				Well ID: 075-558 Date: 12/05/01 Depth: 58				Well ID: 085-285 Date: 10/05/01 Depth: 66			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	52700	437	1190		17400	397	648		36900	409	989	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 085-285 Date: 11/06/01 Depth: 66				Well ID: 085-285 Date: 12/05/01 Depth: 66				Well ID: 085-286 Date: 10/05/01 Depth: 66			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	11800	418	588		5340	414	413		134000	600	2650	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 085-286 Date: 11/06/01 Depth: 66				Well ID: 085-286 Date: 12/05/01 Depth: 66				Well ID: 085-287 Date: 10/05/01 Depth: 66			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	63200	419	1270		54000	403	1100		196000	727	3860	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 085-287 Date: 11/06/01 Depth: 66				Well ID: 085-287 Date: 12/05/01 Depth: 66				Well ID: 085-288 Date: 12/10/01 Depth: 66			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	80500	474	1610		39700	406	957		58100	376	1170	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 085-289 Date: 10/05/01 Depth: 66				Well ID: 085-289 Date: 11/06/01 Depth: 66				Well ID: 085-289 Date: 12/05/01 Depth: 66			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	2180	409	330		10900	420	570		9870	403	515	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 085-290 Date: 12/10/01 Depth: 66				Well ID: 085-291 Date: 12/11/01 Depth: 137				Well ID: 085-292 Date: 12/07/01 Depth: 137			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	<MDL	355	218	U	873	351	241	J	<MDL	407	240	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 095-272 Date: 12/10/01 Depth: 160				Well ID: 095-273 Date: 12/10/01 Depth: 135				Well ID: 095-274 Date: 12/11/01 Depth: 160			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	3110	356	325		5520	354	392		2320	352	296	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (AOC29/HFBR Tritium Low-Flow)

	Well ID: 095-275 Date: 12/07/01 Depth: 130				Well ID: 095-276 Date: 12/06/01 Depth: 170				Well ID: 096-88 Date: 12/07/01 Depth: 140			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Tritium	732	405	264	J	5350	401	409		453	388	243	JN2

OU III (BGRR/WCF Sr-90)

ANALYTICAL RESULTS

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID:065-03 Date:05/30/01 Depth: 60			Well ID:065-03 Date:11/14/01 Depth: 60			Well ID:065-04 Date:05/30/01 Depth: 60		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	9.1	.5		8.5	.5		10.9	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	.36	.5	J	ND	.5	U
1,1-Dichloroethylene	ND	.94	U	.97	.5		ND	1	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.45	.5	J	ND	.5	U	.37	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.55	U	ND	.82	U	ND	.73	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	.49	.5	J	.43	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	9.55	0		10.32	0		11.7	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID:065-04 Date:11/14/01 Depth: 60			Well ID:065-06 Date:05/30/01 Depth: 60			Well ID:065-06 Date:11/14/01 Depth: 60		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	13.8	.5		12.4	.5		1.3	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	.72	.5		.79	.5		.32	.5	J
1,1-Dichloroethylene	1.6	.5		ND	1	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	2.1	.5	
Bromoform	ND	.5	U	ND	.5	U	.5	.5	
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	.36	.5	J	3.2	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	2	.5	
Dibromomethane	ND	.5	U	ND	.5	U	.26	.5	J
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	1.5	U	ND	.67	U	ND	2.6	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.79	.5		.98	.5		ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	16.91	0		14.53	0		9.68	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID:065-18 Date:03/08/01 Depth: 56			Well ID:065-18 Date:05/31/01 Depth: 56			Well ID:065-18 Date:11/15/01 Depth: 56		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.41	.5	J	.56	.5		2.6	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	.38	.5	J
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	.38	.5	J
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.65	U	ND	1.6	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	.3	.5	J	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.41	0		.86	0		3.36	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID:065-19 Date:03/08/01 Depth: 95			Well ID:065-19 Date:05/30/01 Depth: 95			Well ID:065-19 Date:11/09/01 Depth: 95		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.9	.5		1.2	.5		.5	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	.37	.5	J	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.9	0		1.57	0		.5	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID:065-20 Date:03/08/01 Depth: 174			Well ID:065-20 Date:05/30/01 Depth: 174			Well ID:065-20 Date:11/09/01 Depth: 174		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.4	.5		.35	.5	J	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.52	U	ND	.5	U	ND	9.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.4	0		.35	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID:065-37 Date:02/22/01 Depth: 73			Well ID:065-37 Date:07/24/01 Depth: 73			Well ID:065-38 Date:01/30/01 Depth: 63		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	1.9	.5		ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	1.2	.5		ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	1.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	1.1	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	1.5	.5		ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	4.6	0		0	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID:065-38 Date:07/19/01 Depth: 63			Well ID:065-39 Date:01/30/01 Depth: 87			Well ID:065-39 Date:07/24/01 Depth: 87		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	1.8	.5		2.2	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	.3	.5	J	.4	.5	J
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	2.5	.5		.47	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	1.1	.5		ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		5.7	0		3.07	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID:065-39 Date:10/24/01 Depth: 87			Well ID:065-40 Date:01/30/01 Depth: 107			Well ID:065-40 Date:07/19/01 Depth: 107		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.88	.5		1.1	.5		2.4	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	.27	.5	J	.44	.5	J
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	5.2	.5		4	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.88	0		6.57	0		6.84	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID:065-40 Date:10/17/01 Depth: 107			Well ID:065-165 Date:05/30/01 Depth: 115			Well ID:075-09 Date:03/08/01 Depth: 65		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	12.7	.5		ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	3.3	.5		ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	3.1	.5		2.5	.5		.82	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.72	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	19.1	0		2.5	0		.82	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID:075-09 Date:05/30/01 Depth: 65			Well ID:075-09 Date:11/09/01 Depth: 65			Well ID:075-10 Date:03/08/01 Depth: 125		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.35	.5	J	ND	.5	U	3.3	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	1.7	.5	
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	2.7	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.92	.5		.28	.5	J	1.4	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.79	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	.28	.5	J	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	.44	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.55	0		.28	0		9.54	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID:075-10 Date:05/31/01 Depth: 125			Well ID:075-10 Date:11/09/01 Depth: 125			Well ID:075-39 Date:02/22/01 Depth: 52		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	2.9	.5		3.4	.5		ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	.88	.5		.95	.5		ND	.5	U
1,1-Dichloroethylene	1.5	.5		2.1	.5		ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	3.4	.5		3.6	.5		ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	.49	.5	JB	ND	5.9	U	ND	1.6	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.4	.5	J	.49	.5	J	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	9.57	0		10.54	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID:075-39 Date:07/24/01 Depth: 52			Well ID:075-40 Date:02/22/01 Depth: 123			Well ID:075-40 Date:07/24/01 Depth: 123		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	4.3	.5		3	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	.64	.5		.32	.5	J
1,1-Dichloroethylene	ND	.5	U	1.3	.5		1.1	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	2.2	.5		1.1	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	1.8	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	1.1	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		8.44	0		5.52	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID:075-40 Date:11/01/01 Depth: 123			Well ID:075-41 Date:02/22/01 Depth: 196			Well ID:075-41 Date:07/24/01 Depth: 196		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	1.6	.5		7.2	.5		7.1	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	1.4	.5		1.3	.5	
1,1-Dichloroethylene	.69	.5		3	.5		3	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.5	.5		.27	.5	J	.29	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	1.2	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	1.2	.5		1.1	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	3.79	0		13.07	0		12.79	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID:075-41 Date:11/01/01 Depth: 196			Well ID:075-46 Date:02/07/01 Depth: 38			Well ID:075-46 Date:07/20/01 Depth: 38		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	6.7	.5		ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	.9	.5		ND	.5	U	ND	.5	U
1,1-Dichloroethylene	2.9	.5		ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.1	.5		ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	.31	.5	JB
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	1.4	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.87	.5		ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	12.47	0		0	0		.31	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID:075-47 Date:02/06/01 Depth: 37			Well ID:075-47 Date:07/16/01 Depth: 36			Well ID:075-48 Date:02/06/01 Depth: 68		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.42	.5	J	.31	.5	J	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.42	0		1.07	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID:075-48 Date:07/16/01 Depth: 68			Well ID:075-85 Date:02/07/01 Depth: 68			Well ID:075-85 Date:07/20/01 Depth: 68		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	.72	.5		1.2	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	.35	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	.48	.5	J
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	.42	.5	JB
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.79	0		.72	0		2.45	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID:075-85 Date:10/24/01 Depth: 68			Well ID:075-86 Date:02/07/01 Depth: 108			Well ID:075-86 Date:07/20/01 Depth: 108		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	1.1	.5		2.9	.5		1.6	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	.25	.5	J	.75	.5	
1,1-Dichloroethylene	.27	.5	J	.64	.5		.36	.5	J
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.31	.5	J	.27	.5	J	1.3	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	.42	.5	J
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	.29	.5	JB
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.66	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.68	0		4.06	0		4.72	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID:075-86 Date:10/24/01 Depth: 108			Well ID:075-87 Date:02/06/01 Depth: 108			Well ID:075-87 Date:07/16/01 Depth: 108		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	2.1	.5		3.2	.5		3.6	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	.34	.5	J	.48	.5	J	.51	.5	
1,1-Dichloroethylene	.74	.5		.95	.5		1.4	.5	
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	2.3	.5		.26	.5	J	.86	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	.5	.5		ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	5.48	0		5.39	0		7.13	0	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 065-03 Date: 05/30/01 Depth: 60				Well ID: 065-03 Date: 11/14/01 Depth: 60				Well ID: 065-04 Date: 05/30/01 Depth: 60			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90	<MDL	.41	.194	U	<MDL	.614	.275	U	<MDL	.422	.209	U
Tritium												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 065-04 Date: 11/14/01 Depth: 60				Well ID: 065-06 Date: 05/30/01 Depth: 60				Well ID: 065-06 Date: 11/14/01 Depth: 60			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90	.593	.533	.274	J-N2	<MDL	.403	.191	U	<MDL	.52	.235	U
Tritium												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 065-11 Date: 05/31/01 Depth: 54				Well ID: 065-11 Date: 11/14/01 Depth: 54				Well ID: 065-18 Date: 05/31/01 Depth: 56			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90	<MDL	.428	.213	U	<MDL	.45	.225	U	6.75	.402	.588	
Tritium												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 065-18 Date: 11/15/01 Depth: 56				Well ID: 065-19 Date: 05/30/01 Depth: 95				Well ID: 065-19 Date: 11/09/01 Depth: 95			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90	7.73	.294	.337		<MDL	.449	.212	U	<MDL	.38	.175	U
Tritium												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 065-20 Date: 05/30/01 Depth: 174				Well ID: 065-20 Date: 11/09/01 Depth: 174				Well ID: 065-37 Date: 02/22/01 Depth: 73			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90	<MDL	.407	.178	U	<MDL	.432	.243	UJ-T				
Tritium									<MDL	466	276	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 065-37 Date: 04/30/01 Depth: 73				Well ID: 065-37 Date: 05/31/01 Depth: 73				Well ID: 065-37 Date: 07/24/01 Depth: 73			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90	7.6	.855	.936		7.2	.434	.62					
Tritium	<MDL	535	315	U					733	428	279	J

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 065-37 Date: 10/24/01 Depth: 73				Well ID: 065-38 Date: 01/30/01 Depth: 63				Well ID: 065-38 Date: 04/06/01 Depth: 63			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90	6.53	.364	.406	J-T								
Tritium	749	391	257	J	<MDL	449	254	U	<MDL	497	283	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 065-38 Date: 06/05/01 Depth: 63				Well ID: 065-38 Date: 07/19/01 Depth: 63				Well ID: 065-38 Date: 10/24/01 Depth: 73			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90	.417	.336	.183	J-N2					<MDL	.39	.194	U
Tritium					<MDL	430	251	U	<MDL	397	230	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 065-39 Date: 01/30/01 Depth: 87				Well ID: 065-39 Date: 04/06/01 Depth: 85				Well ID: 065-39 Date: 06/05/01 Depth: 87			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90									24.9	.322	.837	
Tritium	<MDL	460	263	U	<MDL	489	278	U				

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 065-39 Date: 07/24/01 Depth: 87				Well ID: 065-39 Date: 10/24/01 Depth: 87				Well ID: 065-40 Date: 01/30/01 Depth: 107			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90					35.1	.337	.85	J-T				
Tritium	491	439	274	J-N2	629	387	250	J-N2	<MDL	454	247	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 065-40 Date: 04/06/01 Depth: 107				Well ID: 065-40 Date: 06/05/01 Depth: 107				Well ID: 065-40 Date: 07/19/01 Depth: 107			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90					<MDL	.369	.182	U				
Tritium	<MDL	495	282	U					475	367	234	J-N2

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 065-40 Date: 10/17/01 Depth: 107				Well ID: 065-160 Date: 05/29/01 Depth: 40				Well ID: 065-160 Date: 11/09/01 Depth: 40			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90	<MDL	.301	.144	U	.885	.426	.258		1.08	.384	.234	
Tritium	<MDL	409	244	U								

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 065-161 Date: 06/05/01 Depth: 95				Well ID: 065-161 Date: 11/09/01 Depth: 95				Well ID: 065-162 Date: 05/29/01 Depth: 46			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90	<MDL	.25	.13	UJT	<MDL	.461	.23	U	<MDL	.539	.223	U
Tritium												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 065-162 Date: 11/13/01 Depth: 46				Well ID: 065-163 Date: 05/29/01 Depth: 75				Well ID: 065-163 Date: 11/14/01 Depth: 75			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90	<MDL	.448	.208	U	.565	.377	.221	J-N2	<MDL	.483	.232	UJ-T
Tritium												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 065-164 Date: 05/31/01 Depth: 75				Well ID: 065-164 Date: 11/13/01 Depth: 75				Well ID: 065-165 Date: 05/30/01 Depth: 115			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90	8.68	.479	.694		10.2	.53	.609	J	<MDL	.377	.148	U
Tritium												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 065-165 Date: 11/13/01 Depth: 115				Well ID: 065-166 Date: 05/30/01 Depth: 75				Well ID: 065-166 Date: 11/13/01 Depth: 75			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90	<MDL	.56	.257	U	<MDL	.398	.199	U	2.87	.711	.491	J-T
Tritium												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 065-167 Date: 11/20/01 Depth: 75				Well ID: 065-168 Date: 05/30/01 Depth: 85				Well ID: 065-168 Date: 11/16/01 Depth: 85			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90	.886	.445	.254		<MDL	.458	.211	U	<MDL	.565	.256	U
Tritium												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 065-169 Date: 06/05/01 Depth: 75				Well ID: 065-169 Date: 12/11/01 Depth: 85				Well ID: 065-170 Date: 06/05/01 Depth: 85			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90	2.11	.403	.317		2.14	.403	.334		4.08	.455	.404	
Tritium												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 065-170 Date: 11/16/01 Depth: 85				Well ID: 065-171 Date: 05/30/01 Depth: 135				Well ID: 065-171 Date: 11/16/01 Depth: 135			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90	3.36	.367	.323		<MDL	.576	.271	U	<MDL	.263	.139	U
Tritium												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 065-172 Date: 06/05/01 Depth: 90				Well ID: 065-172 Date: 11/16/01 Depth: 90				Well ID: 065-173 Date: 05/30/01 Depth: 40			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90	65.2	.479	1.4		31.9	.362	.92		1.2	.357	.268	
Tritium												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 065-173 Date: 07/23/01 Depth: 40				Well ID: 065-173 Date: 10/31/01 Depth: 40				Well ID: 065-173 Date: 11/14/01 Depth: 40			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212	6.45	0	3.95									
Potassium-40												
Radium-226					53.5	0	45.5071					
Strontium-90									1.16	.454	.277	
Tritium	<MDL	300	188	U	<MDL	381	265	U				

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 065-174 Date: 06/05/01 Depth: 40				Well ID: 065-174 Date: 11/16/01 Depth: 40				Well ID: 065-175 Date: 06/05/01 Depth: 40			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90	29.7	.453	1.03	JT	18.3	.317	.504		489	.401	3.36	JT
Tritium												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 065-175 Date: 12/07/01 Depth: 40				Well ID: 065-176 Date: 05/30/01 Depth: 40				Well ID: 065-176 Date: 11/09/01 Depth: 40			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90	760	.359	4.12	J-T	<MDL	.411	.2	U	<MDL	.529	.281	UJ-T
Tritium												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 065-177 Date: 02/02/01 Depth: 40				Well ID: 065-177 Date: 05/30/01 Depth: 40				Well ID: 065-177 Date: 11/14/01 Depth: 40			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40	72.2	0	13.3281									
Radium-226												
Strontium-90					<MDL	.406	.172	U	<MDL	.553	.265	U
Tritium	<MDL	365	202	U								

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 065-178 Date: 05/30/01 Depth: 80				Well ID: 065-178 Date: 11/13/01 Depth: 80				Well ID: 075-09 Date: 05/30/01 Depth: 65			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90	1.22	.414	.28		<MDL	.691	.326	UJ-T	.818	.453	.264	
Tritium												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 075-09 Date: 09/28/01 Depth: 65				Well ID: 075-09 Date: 11/09/01 Depth: 65				Well ID: 075-10 Date: 05/31/01 Depth: 125			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90	.996	.264	.183		.828	.517	.291		<MDL	.642	.258	U
Tritium												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 075-10 Date: 09/28/01 Depth: 125				Well ID: 075-10 Date: 11/09/01 Depth: 125				Well ID: 075-39 Date: 02/22/01 Depth: 52			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90	<MDL	.326	.188	U	<MDL	.406	.173	U				
Tritium									<MDL	729	411	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 075-39 Date: 04/30/01 Depth: 52				Well ID: 075-39 Date: 07/24/01 Depth: 52				Well ID: 075-39 Date: 11/01/01 Depth: 52			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90	<MDL	.603	.306	U					<MDL	.364	.198	U
Tritium	<MDL	521	287	U	<MDL	435	253	U	<MDL	570	313	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 075-40 Date: 02/22/01 Depth: 123				Well ID: 075-40 Date: 04/30/01 Depth: 123				Well ID: 075-40 Date: 07/24/01 Depth: 123			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90					<MDL	.691	.315	U				
Tritium	490	468	290	J-N2	1680	545	383		550	451	284	J-N2

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 075-40 Date: 11/01/01 Depth: 123				Well ID: 075-41 Date: 02/22/01 Depth: 196				Well ID: 075-41 Date: 04/30/01 Depth: 196			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90	<MDL	.328	.158	U					<MDL	.634	.379	U
Tritium	<MDL	577	316	U	<MDL	497	286	U	<MDL	543	303	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 075-41 Date: 07/24/01 Depth: 196				Well ID: 075-41 Date: 11/01/01 Depth: 196				Well ID: 075-46 Date: 02/07/01 Depth: 38			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90					<MDL	.413	.238	UJ-T				
Tritium	<MDL	443	258	U	<MDL	566	324	U	<MDL	580	322	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 075-46 Date: 04/25/01 Depth: 38				Well ID: 075-46 Date: 07/20/01 Depth: 38				Well ID: 075-46 Date: 10/22/01 Depth: 38			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90	<MDL	.794	.4	U					<MDL	.355	.185	U
Tritium	<MDL	408	241	U	<MDL	481	285	U	391	379	235	J-N2

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 075-47 Date: 02/06/01 Depth: 37				Well ID: 075-47 Date: 04/25/01 Depth: 36				Well ID: 075-47 Date: 07/16/01 Depth: 36			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90					<MDL	.815	.402	UDL				
Tritium	<MDL	409	233	U	<MDL	392	230	U	<MDL	400	244	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 075-47 Date: 10/22/01 Depth: 36				Well ID: 075-48 Date: 02/06/01 Depth: 68				Well ID: 075-48 Date: 04/25/01 Depth: 68			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90	<MDL	.337	.177	UJ-T					<MDL	.561	.273	U
Tritium	<MDL	390	228	U	<MDL	414	250	U	<MDL	425	254	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 075-48 Date: 07/16/01 Depth: 68				Well ID: 075-48 Date: 10/22/01 Depth: 68				Well ID: 075-85 Date: 02/07/01 Depth: 68			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90					<MDL	.365	.222	U				
Tritium	486	395	249	J-N2	536	385	245	J-N2	<MDL	577	325	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 075-85 Date: 04/25/01 Depth: 68				Well ID: 075-85 Date: 07/20/01 Depth: 68				Well ID: 075-85 Date: 10/24/01 Depth: 68			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90	19	.768	1.23						16	.273	.532	
Tritium	<MDL	376	228	U	637	471	300	J-N2	533	386	245	J-N2

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 075-86 Date: 02/07/01 Depth: 108				Well ID: 075-86 Date: 04/26/01 Depth: 108				Well ID: 075-86 Date: 07/20/01 Depth: 108			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90					<MDL	.836	.378	U-DL				
Tritium	<MDL	578	325	U	<MDL	550	307	U	<MDL	471	275	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 075-86 Date: 10/24/01 Depth: 108				Well ID: 075-87 Date: 02/06/01 Depth: 108				Well ID: 075-87 Date: 04/25/01 Depth: 108			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90	<MDL	.263	.141	U					<MDL	.494	.22	U
Tritium	<MDL	389	228	U	<MDL	415	247	U	<MDL	389	227	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 075-87 Date: 07/16/01 Depth: 108				Well ID: 075-87 Date: 10/22/01 Depth: 108				Well ID: 075-188 Date: 05/30/01 Depth: 90			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90					<MDL	.384	.2	UJ-T	.789	.473	.271	J
Tritium	<MDL	406	244	U	481	381	240	J-N2				

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 075-188 Date: 11/13/01 Depth: 90				Well ID: 075-189 Date: 06/05/01 Depth: 70				Well ID: 075-189 Date: 12/06/01 Depth: 70			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90	.72	.437	.243	J	<MDL	.362	.179	U	.41	.405	.214	J-N2T
Tritium												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 075-190 Date: 05/31/01 Depth: 45				Well ID: 075-190 Date: 09/28/01 Depth: 45				Well ID: 075-190 Date: 11/08/01 Depth: 45			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90	5.32	.39	.518		48.9	.24	.705		66.1	.407	1.24	
Tritium												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 075-191 Date: 05/31/01 Depth: 90				Well ID: 075-191 Date: 09/28/01 Depth: 90				Well ID: 075-191 Date: 11/08/01 Depth: 90			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90	<MDL	.538	.246	U	.458	.28	.178	J	.607	.606	.32	J-N2
Tritium												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 075-192 Date: 05/31/01 Depth: 145				Well ID: 075-192 Date: 09/28/01 Depth: 145				Well ID: 075-192 Date: 11/08/01 Depth: 145			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90	<MDL	.662	.299	U	<MDL	.3	.167	U	<MDL	.269	.154	U
Tritium												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 075-193 Date: 06/05/01 Depth: 85				Well ID: 075-193 Date: 11/15/01 Depth: 85				Well ID: 075-194 Date: 05/31/01 Depth: 145			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90	12.1	.275	.431	JT	25.5	.278	.585		<MDL	.676	.268	U
Tritium												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 075-194 Date: 11/15/01 Depth: 145				Well ID: 075-195 Date: 05/31/01 Depth: 75				Well ID: 075-195 Date: 11/08/01 Depth: 75			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90	<MDL	.273	.151	U	5.83	.494	.555		4.92	.39	.373	
Tritium												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 075-196 Date: 05/31/01 Depth: 90				Well ID: 075-196 Date: 11/08/01 Depth: 90				Well ID: 075-197 Date: 05/31/01 Depth: 125			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90	<MDL	.418	.183	U	<MDL	.541	.262	U	<MDL	.492	.208	U
Tritium												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 075-197 Date: 11/08/01 Depth: 125				Well ID: 075-198 Date: 06/05/01 Depth: 75				Well ID: 075-198 Date: 11/15/01 Depth: 75			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90	<MDL	.4	.173	U	19.8	.387	.752		18.3	.249	.483	
Tritium												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 075-199 Date: 05/31/01 Depth: 90				Well ID: 075-199 Date: 11/15/01 Depth: 90				Well ID: 075-200 Date: 05/31/01 Depth: 125			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90	34.4	.569	1.36		13.7	.306	.447		<MDL	.451	.202	U
Tritium												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 075-200 Date: 11/15/01 Depth: 125				Well ID: 075-201 Date: 06/05/01 Depth: 68				Well ID: 075-201 Date: 09/28/01 Depth: 68			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90	<MDL	.285	.159	U	14.1	.429	.676		29	.296	.6	
Tritium												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 075-201 Date: 11/13/01 Depth: 68				Well ID: 075-202 Date: 06/05/01 Depth: 65				Well ID: 075-202 Date: 11/15/01 Depth: 65			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212												
Potassium-40												
Radium-226												
Strontium-90	29.7	.451	1.02		2.96	.48	.373		5.47	.261	.28	
Tritium												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU III (BGRR/WCF Sr-90)

	Well ID: 075-203 Date: 05/31/01 Depth: 75				Well ID: 075-203 Date: 11/08/01 Depth: 75			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Lead-212								
Potassium-40								
Radium-226								
Strontium-90	2.21	.46	.393		2.22	.363	.28	
Tritium								

CHEMICAL/ANIMAL HOLES Sr-90

ANALYTICAL RESULTS

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: Chemical/Animal Holes Sr-90

	Well ID:106-04 Date:12/12/01 Depth: 60			Well ID:106-13 Date:12/12/01 Depth: 34			Well ID:106-14 Date:12/10/01 Depth: 35		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	1.4	.5		ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	.57	.5		ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	.35	.5	J	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.79	.5		1.1	.5		.42	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.91	U	ND	.87	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.79	0		3.42	0		.42	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: Chemical/Animal Holes Sr-90

	Well ID:106-15 Date:12/10/01 Depth: 60			Well ID:106-16 Date:12/12/01 Depth: 35			Well ID:106-17 Date:12/10/01 Depth: 35		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.34	.5	J	.28	.5	J	1.6	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	.65	.5	
Toluene	ND	.5	U	ND	.78	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.34	0		1.06	0		2.25	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: Chemical/Animal Holes Sr-90

	Well ID:106-20 Date:12/13/01 Depth: 90			Well ID:106-21 Date:12/13/01 Depth: 60			Well ID:106-22 Date:12/12/01 Depth: 90		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	.39	.5	J
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.34	.5	J	.45	.5	J	.52	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.69	U	ND	.62	U	ND	1	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	.52	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.34	0		.45	0		1.43	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: Chemical/Animal Holes Sr-90

	Well ID:106-23 Date:12/10/01 Depth: 60			Well ID:106-24 Date:12/13/01 Depth: 85			Well ID:106-25 Date:12/10/01 Depth: 55		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	1.8	.5		ND	.5	U	1.3	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	2.4	.5	
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.61	.5		1.4	.5		6.6	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	3.2	U	ND	.5	U	ND	2	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	2.9	.5	
Toluene	ND	.5	U	ND	.64	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	2	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	2.41	0		1.4	0		15.2	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: Chemical/Animal Holes Sr-90

	Well ID:106-43 Date:12/10/01 Depth: 48			Well ID:106-44 Date:12/10/01 Depth: 49			Well ID:106-45 Date:12/10/01 Depth: 49		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.7	.5		.9	.5		.93	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.7	0		.9	0		.93	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: Chemical/Animal Holes Sr-90

	Well ID:106-46 Date:12/10/01 Depth: 31			Well ID:106-47 Date:12/11/01 Depth: 34			Well ID:106-48 Date:12/11/01 Depth: 36		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.54	.5		1.1	.5		ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	.34	.5	J	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.7	.5		.85	.5		ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	1.9	U	ND	1.9	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	2.24	0		2.29	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: Chemical/Animal Holes Sr-90

	Well ID:106-49 Date:12/12/01 Depth: 37			Well ID:106-50 Date:12/12/01 Depth: 37			Well ID:106-62 Date:11/20/01 Depth: 72		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	.27	.5	J
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.3	.5	J	1.2	.5		.35	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	2.1	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	.37	.5	J	.25	.5	J
Toluene	ND	1.1	U	ND	1	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.3	0		1.57	0		.87	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: Chemical/Animal Holes Sr-90

	Well ID:106-63 Date:12/13/01 Depth: 70			Well ID:106-64 Date:12/12/01 Depth: 35			Well ID:114-01 Date:12/11/01 Depth: 75		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.64	.5		ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	.73	.5		ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.1	.5		ND	.5	U	1.8	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	1.4	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.64	U	ND	.95	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	2.47	0		0	0		1.8	0	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: Chemical/Animal Holes Sr-90

	Well ID: 106-04 Date: 05/04/01 Depth: 60				Well ID: 106-04 Date: 12/12/01 Depth: 60				Well ID: 106-13 Date: 05/08/01 Depth: 34			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Strontium-90	<MDL	.31	.157	U	<MDL	.587	.252	U	4.47	.327	.331	JT

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: Chemical/Animal Holes Sr-90

	Well ID: 106-13 Date: 12/12/01 Depth: 34				Well ID: 106-14 Date: 05/08/01 Depth: 35				Well ID: 106-14 Date: 12/10/01 Depth: 35			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Strontium-90	3.62	.566	.431		1.16	.401	.255	JT	1.82	.42	.319	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: Chemical/Animal Holes Sr-90

	Well ID: 106-15 Date: 05/08/01 Depth: 60				Well ID: 106-15 Date: 12/10/01 Depth: 60				Well ID: 106-16 Date: 05/08/01 Depth: 35			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Strontium-90	<MDL	.45	.232	UJT	<MDL	.39	.177	U	351.6965	.1566	1.7445	
									396.2392	.1563	1.8496	
									629	.447	3.39	JT

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: Chemical/Animal Holes Sr-90

	Well ID: 106-16 Date: 12/12/01 Depth: 35				Well ID: 106-17 Date: 05/08/01 Depth: 35				Well ID: 106-17 Date: 12/10/01 Depth: 35			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Strontium-90	1770	3.96	26.6		2.07	.362	.269	JT	1.98	.375	.308	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: Chemical/Animal Holes Sr-90

	Well ID: 106-20 Date: 05/04/01 Depth: 90				Well ID: 106-20 Date: 12/13/01 Depth: 90				Well ID: 106-21 Date: 05/04/01 Depth: 60			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Strontium-90	<MDL	.448	.215	UJT	<MDL	.555	.242	U	<MDL	.347	.158	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: Chemical/Animal Holes Sr-90

	Well ID: 106-21 Date: 12/13/01 Depth: 60				Well ID: 106-22 Date: 05/04/01 Depth: 90				Well ID: 106-22 Date: 12/12/01 Depth: 90			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Strontium-90	<MDL	.617	.309	U	5.42	.32	.358		1.05	.576	.314	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: Chemical/Animal Holes Sr-90

	Well ID: 106-23 Date: 05/04/01 Depth: 60				Well ID: 106-23 Date: 12/10/01 Depth: 60				Well ID: 106-24 Date: 05/04/01 Depth: 85			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Strontium-90	<MDL	.739	.363	UJD	<MDL	.281	.136	U	<MDL	.394	.213	UJT

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: Chemical/Animal Holes Sr-90

	Well ID: 106-24 Date: 12/13/01 Depth: 85				Well ID: 106-25 Date: 05/04/01 Depth: 55				Well ID: 106-25 Date: 12/10/01 Depth: 55			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Strontium-90	<MDL	.617	.277	U	.869	.337	.214	JT	<MDL	.545	.236	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: Chemical/Animal Holes Sr-90

	Well ID: 106-43 Date: 05/04/01 Depth: 48				Well ID: 106-43 Date: 12/10/01 Depth: 48				Well ID: 106-44 Date: 05/04/01 Depth: 49			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Strontium-90	1.87	.395	.288	JT	1.3	.396	.277		11.2	.488	.586	JT

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: Chemical/Animal Holes Sr-90

	Well ID: 106-44 Date: 12/10/01 Depth: 49				Well ID: 106-45 Date: 05/04/01 Depth: 49				Well ID: 106-45 Date: 12/10/01 Depth: 49			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Strontium-90	2.77	.313	.31		4.52	.315	.349		2.78	.313	.317	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: Chemical/Animal Holes Sr-90

	Well ID: 106-46 Date: 05/04/01 Depth: 34				Well ID: 106-46 Date: 12/10/01 Depth: 31				Well ID: 106-47 Date: 05/09/01 Depth: 34			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Strontium-90	.856	.343	.211		.686	.325	.197	J	4.95	.584	.463	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: Chemical/Animal Holes Sr-90

	Well ID: 106-47 Date: 12/11/01 Depth: 34				Well ID: 106-48 Date: 05/04/01 Depth: 36				Well ID: 106-48 Date: 12/11/01 Depth: 36			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Strontium-90	6.77	.494	.601		3.44	.45	.362	JT	1.14	.551	.336	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: Chemical/Animal Holes Sr-90

	Well ID: 106-49 Date: 05/08/01 Depth: 37				Well ID: 106-49 Date: 12/12/01 Depth: 37				Well ID: 106-50 Date: 05/08/01 Depth: 37			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Strontium-90	61.5822	.1591	.7404		230	1.09	4.83		9.06	.382	.449	JT
	76.3942	.1655	.8402									
	98.4	.355	1.43	JT								

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: Chemical/Animal Holes Sr-90

	Well ID: 106-50 Date: 12/12/01 Depth: 37				Well ID: 106-62 Date: 05/08/01 Depth: 72				Well ID: 106-62 Date: 11/20/01 Depth: 72			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Strontium-90	8.46	1.08	1.1		.442	.401	.222	J-N2	1.12	.504	.301	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: Chemical/Animal Holes Sr-90

	Well ID: 106-63 Date: 05/04/01 Depth: 70				Well ID: 106-63 Date: 12/13/01 Depth: 70				Well ID: 106-64 Date: 05/08/01 Depth: 35			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Strontium-90	<MDL	.362	.176	UJT	<MDL	.494	.234	U	11.1	.524	.552	JT

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: Chemical/Animal Holes Sr-90

	Well ID: 106-64 Date: 12/12/01 Depth: 35				Well ID: 114-01 Date: 05/04/01 Depth: 75				Well ID: 114-01 Date: 12/11/01 Depth: 75			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Strontium-90	5.86	1.09	.937		<MDL	.36	.183	UJT	<MDL	.471	.199	U

OU IV (AOC 5 AS/SVE)

ANALYTICAL RESULTS

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-02 Date:01/26/01 Depth: 60			Well ID:076-02 Date:05/03/01 Depth: 60			Well ID:076-02 Date:07/25/01 Depth: 60		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	UJ	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	UJ	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	UJ	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	UJ	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	UJ	ND	.5	U
Benzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	UJ	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	UJ	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	UJ	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	UJ	ND	.5	U
Bromoform	ND	.5	U	ND	.5	UJ	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	UJ	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	UJ	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	UJ	ND	.5	U
Chloroform	.39	.5	J	.38	.5	J	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	UJ	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	UJ	ND	.5	U
Cymene	ND	.5	U	ND	.5	UJ	ND	.5	U
DBCP	ND	.5	U	ND	.5	UJ	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	UJ	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	UJ	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	UJ	ND	.5	U
EDB	ND	.5	U	ND	.5	UJ	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	UJ	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	UJ	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	UJ	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	UJ	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	UJ	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	UJ	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	UJ	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	UJ	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Styrene	ND	.5	U	ND	.5	UJ	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	UJ	ND	.5	U
Toluene	ND	.5	U	ND	.5	UJ	ND	.53	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	UJ	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	UJ	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	UJ	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	UJ	ND	.5	U
TVOC	.39	0		.38	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-02 Date:11/07/01 Depth: 60			Well ID:076-04 Date:01/26/01 Depth: 40			Well ID:076-04 Date:02/27/01 Depth: 40		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	.38	.5	J	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	59.3	.5		.42	.5	J
Benzene, 1,3,5-trimethyl-	ND	.5	U	20.6	.5		ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	7	.5		ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.45	.5	J	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	57.3	.5		ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	.33	.5	J	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	.32	.5	J	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	8.4	.5		ND	.5	U
Naphthalene*	ND	.5	U	13	.5		ND	.5	U
o-Chlorotoluene	ND	.5	U	2.6	.5		ND	.5	U
o-Dichlorobenzene	ND	.5	U	3.5	.5		ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	.83	.5		ND	.5	U
sec-Butylbenzene	ND	.5	U	.52	.5		ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.77	0		246.37	0		.85	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-04 Date:03/28/01 Depth: 40			Well ID:076-04 Date:04/06/01 Depth: 40			Well ID:076-04 Date:05/03/01 Depth: 40		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	UJ
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	UJ
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	UJ
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	UJ
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	UJ
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	UJ
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	UJ
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	UJ
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	UJ
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	UJ
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	UJ
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	UJ
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	UJ
Benzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Benzene, 1,2,4-trimethyl	45.6	.5		ND	.5	U	ND	.5	UJ
Benzene, 1,3,5-trimethyl-	13.8	.5		ND	.5	U	ND	.5	UJ
Benzene, 1-methylethyl-	4.2	.5		ND	.5	U	ND	.5	UJ
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	UJ
Bromoform	ND	.5	U	ND	.5	U	ND	.5	UJ
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	UJ
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	UJ
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	UJ
Chloroform	ND	.5	U	ND	.5	U	ND	.5	UJ
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	UJ
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	UJ
Cymene	.83	.5		ND	.5	U	ND	.5	UJ
DBCP	ND	.5	U	ND	.5	U	ND	.5	UJ
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	UJ
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	UJ
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	UJ
EDB	ND	.5	U	ND	.5	U	ND	.5	UJ
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	UJ
Ethylbenzene	14	.5		ND	.5	U	ND	.5	UJ
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	UJ
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	UJ
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	UJ
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	UJ
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
n-Propylbenzene	6.2	.5		ND	.5	U	ND	.5	UJ
Naphthalene*	3.3	.5		ND	.5	U	ND	.5	UJ
o-Chlorotoluene	1.6	.5		ND	.5	U	ND	.5	UJ
o-Dichlorobenzene	.9	.5		ND	.5	U	ND	.5	UJ
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	UJ
p-Dichlorobenzene	.33	.5	J	ND	.5	U	ND	.5	UJ
sec-Butylbenzene	.37	.5	J	ND	.5	U	ND	.5	UJ
Styrene	ND	.5	U	ND	.5	U	ND	.5	UJ
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	UJ
Toluene	.27	.5	J	ND	.5	U	.28	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	UJ
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	UJ
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	UJ
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	UJ
TVOC	113.6	0		0	0		.28	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-04 Date:06/04/01 Depth: 40			Well ID:076-04 Date:07/10/01 Depth: 40			Well ID:076-04 Date:08/03/01 Depth: 40		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	38.8	.5		14.1	.5		ND	.5	U
Benzene, 1,3,5-trimethyl-	14.7	.5		4.8	.5		ND	.5	U
Benzene, 1-methylethyl-	3.4	.5		1.2	.5		ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	4.9	.5		1.2	.5		ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	5.8	.5		1.6	.5		ND	.5	U
Naphthalene*	1.5	.5		ND	1.4	U	ND	.5	U
o-Chlorotoluene	1.6	.5		ND	.5	U	ND	.5	U
o-Dichlorobenzene	.66	.5		ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	.36	.5	J	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	.26	.5	J	ND	.5	U	.27	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	75.21	0		22.9	0		.27	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-04 Date:09/07/01 Depth: 40			Well ID:076-04 Date:10/02/01 Depth: 40			Well ID:076-04 Date:11/01/01 Depth: 40		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	25.4	.5		6.1	.5		.61	.5	
Benzene, 1,3,5-trimethyl-	11.8	.5		2.8	.5		.34	.5	J
Benzene, 1-methylethyl-	2.4	.5		.78	.5		.28	.5	J
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	.97	.5		ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	5.6	.5		5.1	.5		.34	.5	J
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	.31	.5	J
n-Propylbenzene	4.2	.5		1.7	.5		.27	.5	J
Naphthalene*	ND	2.1	U	.99	.5		.8	.5	
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	.55	.5		.26	.5	J	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	.38	.5	J	.57	.5		.52	.5	
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	.28	.5	J	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	53.95	0		23.38	0		3.83	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-04 Date:12/06/01 Depth: 40			Well ID:076-05 Date:01/31/01 Depth: 40			Well ID:076-05 Date:05/09/01 Depth: 40		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	.26	.5	J	.32	.5	J
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	.26	.5	J	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	2.4	.5		4.4	.5	
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	.51	.5		ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	1.6	.5		ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	.52	.5		1.1	.5	
Toluene	.28	.5	J	ND	.5	U	.27	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	3.4	0		3.18	0		6.09	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-05 Date:07/25/01 Depth: 40			Well ID:076-05 Date:11/07/01 Depth: 40			Well ID:076-06 Date:01/26/01 Depth: 40		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	5.3	.5	
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	4.4	.5	
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	1.1	.5	
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	1.3	.5		1.4	.5		ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	.56	.5	
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	.31	.5	J
n-Propylbenzene	ND	.5	U	ND	.5	U	1.6	.5	
Naphthalene*	ND	.5	U	ND	.5	U	.28	.5	J
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	.84	.5	
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	.6	.5		.66	.5		1.7	.5	
Toluene	ND	.51	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.9	0		2.06	0		16.09	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-06 Date:05/09/01 Depth: 40			Well ID:076-06 Date:07/25/01 Depth: 40			Well ID:076-06 Date:11/07/01 Depth: 40		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	1	.5		.52	.5		2.9	.5	
Benzene, 1,3,5-trimethyl-	.93	.5		.27	.5	J	4.5	.5	
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	.7	.5	
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.1	.5		ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	.9	.5	
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	.37	.5	J	ND	.5	U	1.3	.5	
Naphthalene*	ND	.5	U	ND	.5	U	.31	.5	J
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	1	.5	
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	.34	.5	J
Tetrachloroethylene	.3	.5	J	.29	.5	J	1.1	.5	
Toluene	ND	.5	U	ND	.67	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	3.7	0		1.08	0		13.05	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-07 Date:01/30/01 Depth: 60			Well ID:076-07 Date:05/09/01 Depth: 60			Well ID:076-07 Date:07/26/01 Depth: 60		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	.4	.5	J	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		.4	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-07 Date:11/06/01 Depth: 58			Well ID:076-08 Date:01/29/01 Depth: 40			Well ID:076-08 Date:05/09/01 Depth: 40		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.53	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	.73	.5	
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		0	0		.73	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-08 Date:07/25/01 Depth: 40			Well ID:076-08 Date:11/07/01 Depth: 40			Well ID:076-09 Date:01/30/01 Depth: 60		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	.25	.5	J
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	1.2	.5	
Toluene	ND	.53	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		0	0		1.45	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-09 Date:05/09/01 Depth: 60			Well ID:076-09 Date:07/25/01 Depth: 60			Well ID:076-09 Date:11/07/01 Depth: 60		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.28	.5	J	.38	.5	J	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	.3	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	.65	.5		1	.5		.27	.5	J
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.93	0		1.38	0		.57	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-18 Date:01/26/01 Depth: 30			Well ID:076-18 Date:04/12/01 Depth: 30			Well ID:076-18 Date:05/03/01 Depth: 30		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U				ND	.5	U
1,1,1-Trichloroethane	ND	.5	U				ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U				ND	.5	U
1,1,2-Trichloroethane	ND	.5	U				ND	.5	U
1,1-Dichloroethane	ND	.5	U				ND	.5	U
1,1-Dichloroethylene	ND	.5	U				ND	.5	U
1,1-Dichloropropene	ND	.5	U				ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U				ND	.5	U
1,2,3-Trichloropropane	ND	.5	U				ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U				ND	.5	U
1,2-Dichloroethane	ND	.5	U				ND	.5	U
1,2-Dichloropropane	ND	.5	U				ND	.5	U
1,3-Dichloropropane	ND	.5	U				ND	.5	U
2,2-Dichloropropane	ND	.5	U				ND	.5	U
Benzene	ND	.5	U				ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U				ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U				ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U				ND	.5	U
Bromobenzene	ND	.5	U				ND	.5	U
Bromodichloromethane	ND	.5	U				ND	.5	U
Bromoform	ND	.5	U				ND	.5	U
Carbon tetrachloride	ND	.5	U				ND	.5	U
Chlorobenzene	ND	.5	U				ND	.5	U
Chlorobromomethane	ND	.5	U				ND	.5	U
Chloroethane	ND	.5	U				ND	.5	U
Chloroform	ND	.5	U				.3	.5	J
cis-1,2-Dichloroethylene	ND	.5	U				ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U				ND	.5	U
Cymene	ND	.5	U				ND	.5	U
DBCP	ND	.5	U				ND	.5	U
Dibromochloromethane	ND	.5	U				ND	.5	U
Dibromomethane	ND	.5	U				ND	.5	U
Dichlorodifluoromethane	ND	.5	U				ND	.5	U
EDB	ND	.5	U				ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U				ND	.5	U
Ethylbenzene	ND	.5	U				ND	.5	U
Hexachlorobutadiene*	ND	.5	U				ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	10	U	ND	.5	U
Methyl bromide	ND	.5	U				ND	.5	U
Methyl chloride	ND	.5	U				ND	.5	U
Methylene chloride	ND	.5	U				ND	.5	U
n-Butylbenzene	ND	.5	U				ND	.5	U
n-Propylbenzene	ND	.5	U				ND	.5	U
Naphthalene*	ND	.5	U				ND	.5	U
o-Chlorotoluene	ND	.5	U				ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	10	U	ND	.5	U
p-Chlorotoluene	ND	.5	U				ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	10	U	ND	.5	U
sec-Butylbenzene	ND	.5	U				ND	.5	U
Styrene	ND	.5	U				ND	.5	U
tert-Butylbenzene	ND	.5	U				ND	.5	U
Tetrachloroethylene	.4	.5	J				.37	.5	J
Toluene	ND	.5	U				ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U				ND	.5	U
Trichloroethylene	ND	.5	U				ND	.5	U
Trichlorofluoromethane	ND	.5	U				ND	.5	U
Vinyl chloride	ND	.5	U				ND	.5	U
TVOC	.4	0					.67	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-18 Date:07/24/01 Depth: 30			Well ID:076-18 Date:10/09/01 Depth: 30			Well ID:076-18 Date:11/07/01 Depth: 30		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U				ND	.5	U
1,1,1-Trichloroethane	ND	.5	U				ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U				ND	.5	U
1,1,2-Trichloroethane	ND	.5	U				ND	.5	U
1,1-Dichloroethane	ND	.5	U				ND	.5	U
1,1-Dichloroethylene	ND	.5	U				ND	.5	U
1,1-Dichloropropene	ND	.5	U				ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U				ND	.5	U
1,2,3-Trichloropropane	ND	.5	U				ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U				ND	.5	U
1,2-Dichloroethane	ND	.5	U				ND	.5	U
1,2-Dichloropropane	ND	.5	U				ND	.5	U
1,3-Dichloropropane	ND	.5	U				ND	.5	U
2,2-Dichloropropane	ND	.5	U				ND	.5	U
Benzene	ND	.5	U				ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U				ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U				ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U				ND	.5	U
Bromobenzene	ND	.5	U				ND	.5	U
Bromodichloromethane	ND	.5	U				ND	.5	U
Bromoform	ND	.5	U				ND	.5	U
Carbon tetrachloride	ND	.5	U				ND	.5	U
Chlorobenzene	ND	.5	U				ND	.5	U
Chlorobromomethane	ND	.5	U				ND	.5	U
Chloroethane	ND	.5	U				ND	.5	U
Chloroform	ND	.5	U				ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U				ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U				ND	.5	U
Cymene	ND	.5	U				ND	.5	U
DBCP	ND	.5	U				ND	.5	U
Dibromochloromethane	ND	.5	U				ND	.5	U
Dibromomethane	ND	.5	U				ND	.5	U
Dichlorodifluoromethane	ND	.5	U				ND	.5	U
EDB	ND	.5	U				ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U				ND	.5	U
Ethylbenzene	ND	.5	U				ND	.5	U
Hexachlorobutadiene*	ND	.5	U				ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	10	U	ND	.5	U
Methyl bromide	ND	.5	U				ND	.5	U
Methyl chloride	ND	.5	U				ND	.5	U
Methylene chloride	ND	.5	U				ND	.5	U
n-Butylbenzene	ND	.5	U				ND	.5	U
n-Propylbenzene	ND	.5	U				ND	.5	U
Naphthalene*	ND	.5	U				ND	.5	U
o-Chlorotoluene	ND	.5	U				ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	10	U	ND	.5	U
p-Chlorotoluene	ND	.5	U				ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	10	U	ND	.5	U
sec-Butylbenzene	ND	.5	U				ND	.5	U
Styrene	ND	.5	U				ND	.5	U
tert-Butylbenzene	ND	.5	U				ND	.5	U
Tetrachloroethylene	.3	.5	J				ND	.5	U
Toluene	ND	.5	U				ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U				ND	.5	U
Trichloroethylene	ND	.5	U				ND	.5	U
Trichlorofluoromethane	ND	.5	U				ND	.5	U
Vinyl chloride	ND	.5	U				ND	.5	U
TVOC	.3	0					0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-19 Date:01/29/01 Depth: 30			Well ID:076-19 Date:04/12/01 Depth: 30			Well ID:076-19 Date:05/03/01 Depth: 30		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U				ND	.5	U
1,1,1-Trichloroethane	ND	.5	U				ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U				ND	.5	U
1,1,2-Trichloroethane	ND	.5	U				ND	.5	U
1,1-Dichloroethane	ND	.5	U				ND	.5	U
1,1-Dichloroethylene	ND	.5	U				ND	.5	U
1,1-Dichloropropene	ND	.5	U				ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U				ND	.5	U
1,2,3-Trichloropropane	ND	.5	U				ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U				ND	.5	U
1,2-Dichloroethane	ND	.5	U				ND	.5	U
1,2-Dichloropropane	ND	.5	U				ND	.5	U
1,3-Dichloropropane	ND	.5	U				ND	.5	U
2,2-Dichloropropane	ND	.5	U				ND	.5	U
Benzene	ND	.5	U				ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U				ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U				ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U				ND	.5	U
Bromobenzene	ND	.5	U				ND	.5	U
Bromodichloromethane	ND	.5	U				ND	.5	U
Bromoform	ND	.5	U				ND	.5	U
Carbon tetrachloride	ND	.5	U				ND	.5	U
Chlorobenzene	ND	.5	U				ND	.5	U
Chlorobromomethane	ND	.5	U				ND	.5	U
Chloroethane	ND	.5	U				ND	.5	U
Chloroform	ND	.5	U				ND	.5	U
cis-1,2-Dichloroethylene	1.1	.5					ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U				ND	.5	U
Cymene	ND	.5	U				ND	.5	U
DBCP	ND	.5	U				ND	.5	U
Dibromochloromethane	ND	.5	U				ND	.5	U
Dibromomethane	ND	.5	U				ND	.5	U
Dichlorodifluoromethane	ND	.5	U				ND	.5	U
EDB	ND	.5	U				ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U				ND	.5	U
Ethylbenzene	ND	.5	U				ND	.5	U
Hexachlorobutadiene*	ND	.5	U				ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	10	U	ND	.5	U
Methyl bromide	ND	.5	U				ND	.5	U
Methyl chloride	ND	.5	U				ND	.5	U
Methylene chloride	ND	.5	U				ND	.5	U
n-Butylbenzene	ND	.5	U				ND	.5	U
n-Propylbenzene	ND	.5	U				ND	.5	U
Naphthalene*	ND	.5	U				ND	.5	U
o-Chlorotoluene	ND	.5	U				ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	10	U	ND	.5	U
p-Chlorotoluene	ND	.5	U				ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	10	U	ND	.5	U
sec-Butylbenzene	ND	.5	U				ND	.5	U
Styrene	ND	.5	U				ND	.5	U
tert-Butylbenzene	ND	.5	U				ND	.5	U
Tetrachloroethylene	ND	.5	U				ND	.5	U
Toluene	ND	.5	U				ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U				ND	.5	U
Trichloroethylene	ND	.5	U				ND	.5	U
Trichlorofluoromethane	ND	.5	U				ND	.5	U
Vinyl chloride	ND	.5	U				ND	.5	U
TVOC	1.1	0					0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-19 Date:07/24/01 Depth: 30			Well ID:076-19 Date:10/09/01 Depth: 30			Well ID:076-19 Date:11/07/01 Depth: 30		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U				ND	.5	U
1,1,1-Trichloroethane	ND	.5	U				ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U				ND	.5	U
1,1,2-Trichloroethane	ND	.5	U				ND	.5	U
1,1-Dichloroethane	ND	.5	U				ND	.5	U
1,1-Dichloroethylene	ND	.5	U				ND	.5	U
1,1-Dichloropropene	ND	.5	U				ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U				ND	.5	U
1,2,3-Trichloropropane	ND	.5	U				ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U				ND	.5	U
1,2-Dichloroethane	ND	.5	U				ND	.5	U
1,2-Dichloropropane	ND	.5	U				ND	.5	U
1,3-Dichloropropane	ND	.5	U				ND	.5	U
2,2-Dichloropropane	ND	.5	U				ND	.5	U
Benzene	ND	.5	U				ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U				ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U				ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U				ND	.5	U
Bromobenzene	ND	.5	U				ND	.5	U
Bromodichloromethane	ND	.5	U				ND	.5	U
Bromoform	ND	.5	U				ND	.5	U
Carbon tetrachloride	ND	.5	U				ND	.5	U
Chlorobenzene	ND	.5	U				ND	.5	U
Chlorobromomethane	ND	.5	U				ND	.5	U
Chloroethane	ND	.5	U				ND	.5	U
Chloroform	ND	.5	U				ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U				ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U				ND	.5	U
Cymene	ND	.5	U				ND	.5	U
DBCP	ND	.5	U				ND	.5	U
Dibromochloromethane	ND	.5	U				ND	.5	U
Dibromomethane	ND	.5	U				ND	.5	U
Dichlorodifluoromethane	ND	.5	U				ND	.5	U
EDB	ND	.5	U				ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U				ND	.5	U
Ethylbenzene	ND	.5	U				ND	.5	U
Hexachlorobutadiene*	ND	.5	U				ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	10	U	ND	.5	U
Methyl bromide	ND	.5	U				ND	.5	U
Methyl chloride	ND	.5	U				ND	.5	U
Methylene chloride	ND	.71	U				.35	.5	J
n-Butylbenzene	ND	.5	U				ND	.5	U
n-Propylbenzene	ND	.5	U				ND	.5	U
Naphthalene*	ND	.5	U				ND	.5	U
o-Chlorotoluene	ND	.5	U				ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	10	U	ND	.5	U
p-Chlorotoluene	ND	.5	U				ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	10	U	ND	.5	U
sec-Butylbenzene	ND	.5	U				ND	.5	U
Styrene	ND	.5	U				ND	.5	U
tert-Butylbenzene	ND	.5	U				ND	.5	U
Tetrachloroethylene	ND	.5	U				ND	.5	U
Toluene	ND	.5	U				ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U				ND	.5	U
Trichloroethylene	ND	.5	U				ND	.5	U
Trichlorofluoromethane	ND	.5	U				ND	.5	U
Vinyl chloride	ND	.5	U				ND	.5	U
TVOC	0	0					.35	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-21 Date:01/29/01 Depth: 35			Well ID:076-21 Date:05/03/01 Depth: 35			Well ID:076-21 Date:07/25/01 Depth: 35		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	UJ	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	UJ	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	UJ	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	UJ	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	UJ	ND	.5	U
Benzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	UJ	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	UJ	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	UJ	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	UJ	ND	.5	U
Bromoform	ND	.5	U	ND	.5	UJ	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	UJ	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	UJ	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	UJ	ND	.5	U
Chloroform	ND	.5	U	ND	.5	UJ	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	UJ	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	UJ	ND	.5	U
Cymene	ND	.5	U	ND	.5	UJ	ND	.5	U
DBCP	ND	.5	U	ND	.5	UJ	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	UJ	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	UJ	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	UJ	ND	.5	U
EDB	ND	.5	U	ND	.5	UJ	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	UJ	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	UJ	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	UJ	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	UJ	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	UJ	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	UJ	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	UJ	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	UJ	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Styrene	ND	.5	U	ND	.5	UJ	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	UJ	ND	.5	U
Toluene	ND	.5	U	ND	.5	UJ	ND	.54	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	UJ	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	UJ	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	UJ	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	UJ	ND	.5	U
TVOC	0	0		0	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-21 Date:11/07/01 Depth: 35			Well ID:076-22 Date:01/31/01 Depth: 57			Well ID:076-22 Date:05/09/01 Depth: 57		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	.4	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		0	0		.4	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-22 Date:07/25/01 Depth: 57			Well ID:076-22 Date:11/07/01 Depth: 57			Well ID:076-23 Date:01/26/01 Depth: 39		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	.33	.5	J
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	.32	.5	J	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	5.1	.5	
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	.26	.5	J	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	1	.5	
Toluene	ND	.82	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		.58	0		6.43	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-23 Date:05/03/01 Depth: 39			Well ID:076-23 Date:07/25/01 Depth: 39			Well ID:076-23 Date:11/07/01 Depth: 39		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.58	.5		.39	.5	J	.61	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	39.9	.5		3.4	.5		10.6	.5	
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	4.5	.5		1.3	.5		3.7	.5	
Toluene	ND	.5	U	ND	.71	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.9	.5		ND	.5	U	.54	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	45.88	0		5.09	0		15.45	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-178 Date:01/30/01 Depth: 25			Well ID:076-178 Date:05/09/01 Depth: 25			Well ID:076-178 Date:07/24/01 Depth: 25		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	.25	.5	J	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.25	0		0	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-178 Date:11/07/01 Depth: 40			Well ID:076-179 Date:01/30/01 Depth: 65			Well ID:076-179 Date:05/09/01 Depth: 65		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	.29	.5	J	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	1.3	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.29	0		0	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-179 Date:07/24/01 Depth: 65			Well ID:076-179 Date:11/07/01 Depth: 65			Well ID:076-180 Date:01/30/01 Depth: 25		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	.54	.5		ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	.26	.5	J	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	1.6	.5	
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	.27	.5	JB	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	1.6	.5	
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.27	0		.8	0		3.2	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-180 Date:05/03/01 Depth: 25			Well ID:076-180 Date:07/25/01 Depth: 25			Well ID:076-180 Date:11/06/01 Depth: 40		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	UJ	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	UJ	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	UJ	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	UJ	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	UJ	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	UJ	ND	.5	U	ND	.5	U
Benzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	UJ	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	UJ	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	UJ	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	UJ	ND	.5	U	ND	.5	U
Bromoform	ND	.5	UJ	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	UJ	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	UJ	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	UJ	ND	.5	U	ND	.5	U
Chloroform	ND	.5	UJ	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	1.7	.5	J	ND	.5	U	3.6	.5	
cis-1,3-Dichloropropene	ND	.5	UJ	ND	.5	U	ND	.5	U
Cymene	ND	.5	UJ	ND	.5	U	ND	.5	U
DBCP	ND	.5	UJ	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	UJ	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	UJ	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	UJ	ND	.5	U	ND	.5	U
EDB	ND	.5	UJ	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	UJ	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	UJ	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	UJ	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	UJ	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	UJ	ND	.5	U	ND	.69	U
n-Butylbenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	UJ	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	UJ	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	UJ	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Styrene	ND	.5	UJ	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	UJ	ND	.5	U	ND	.5	U
Tetrachloroethylene	1.4	.5	J	ND	.5	U	.67	.5	
Toluene	ND	.5	UJ	ND	.98	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	UJ	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	UJ	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	UJ	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	UJ	ND	.5	U	ND	.5	U
TVOC	3.1	0		0	0		4.27	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-181 Date:01/30/01 Depth: 65			Well ID:076-181 Date:05/03/01 Depth: 65			Well ID:076-181 Date:07/25/01 Depth: 65		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	UJ	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	UJ	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	UJ	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	UJ	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	UJ	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	UJ	ND	.5	U
Benzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	UJ	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	UJ	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	UJ	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	UJ	ND	.5	U
Bromoform	ND	.5	U	ND	.5	UJ	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	UJ	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	UJ	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	UJ	ND	.5	U
Chloroform	ND	.5	U	ND	.5	UJ	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	UJ	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	UJ	ND	.5	U
Cymene	ND	.5	U	ND	.5	UJ	ND	.5	U
DBCP	ND	.5	U	ND	.5	UJ	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	UJ	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	UJ	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	UJ	ND	.5	U
EDB	ND	.5	U	ND	.5	UJ	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	UJ	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	UJ	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	UJ	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	UJ	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	UJ	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	UJ	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	UJ	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	UJ	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Styrene	ND	.5	U	ND	.5	UJ	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	UJ	ND	.5	U
Tetrachloroethylene	.32	.5	J	.29	.5	J	ND	.5	U
Toluene	ND	.5	U	ND	.5	UJ	ND	.56	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	UJ	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	UJ	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	UJ	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	UJ	ND	.5	U
TVOC	.32	0		.29	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-181 Date:11/06/01 Depth: 65			Well ID:076-182 Date:01/30/01 Depth: 85			Well ID:076-182 Date:05/03/01 Depth: 85		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	UJ
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	UJ
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	UJ
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	UJ
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	UJ
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	UJ
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	UJ
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	UJ
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	UJ
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	UJ
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	UJ
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	UJ
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	UJ
Benzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	UJ
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	UJ
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	UJ
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	UJ
Bromoform	ND	.5	U	ND	.5	U	ND	.5	UJ
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	UJ
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	UJ
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	UJ
Chloroform	ND	.5	U	.29	.5	J	ND	.5	UJ
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	UJ
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	UJ
Cymene	ND	.5	U	ND	.5	U	ND	.5	UJ
DBCP	ND	.5	U	ND	.5	U	ND	.5	UJ
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	UJ
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	UJ
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	UJ
EDB	ND	.5	U	ND	.5	U	ND	.5	UJ
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	UJ
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	UJ
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	UJ
Methyl chloride	.26	.5	J	ND	.5	U	ND	.5	UJ
Methylene chloride	ND	.68	U	ND	.5	U	ND	.69	UJ
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	UJ
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	UJ
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	UJ
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Styrene	ND	.5	U	ND	.5	U	ND	.5	UJ
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	UJ
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	UJ
Toluene	ND	.5	U	ND	.5	U	ND	.5	UJ
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	UJ
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	UJ
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	UJ
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	UJ
TVOC	.26	0		.29	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-182 Date:07/25/01 Depth: 85			Well ID:076-182 Date:11/06/01 Depth: 85			Well ID:076-183 Date:01/31/01 Depth: 25		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	.29	.5	J	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.81	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		.29	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-183 Date:05/03/01 Depth: 25			Well ID:076-183 Date:07/26/01 Depth: 25			Well ID:076-183 Date:11/06/01 Depth: 40		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		0	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-184 Date:01/31/01 Depth: 65			Well ID:076-184 Date:05/03/01 Depth: 65			Well ID:076-184 Date:07/26/01 Depth: 65		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.28	.5	J	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	.26	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.28	0		0	0		.26	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-184 Date:11/06/01 Depth: 65			Well ID:076-185 Date:01/26/01 Depth: 25			Well ID:076-185 Date:05/09/01 Depth: 40		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	2.2	.5		.59	.5	
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	1.3	.5		.64	.5	
Toluene	ND	.5	U	ND	.5	U	.28	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		3.5	0		1.51	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-185 Date:07/24/01 Depth: 25			Well ID:076-185 Date:11/08/01 Depth: 40			Well ID:076-186 Date:01/26/01 Depth: 65		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	1.2	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	.48	.5	J	.66	.5		.5	.5	
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.48	0		.66	0		.5	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-186 Date:05/09/01 Depth: 65			Well ID:076-186 Date:07/24/01 Depth: 65			Well ID:076-186 Date:11/08/01 Depth: 65		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.3	.5	J	ND	.5	U	.29	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.88	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.3	0		0	0		.29	0	

EM - 2001 Groundwater Data: Semi - VOCs
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-02 Date:01/26/01 Depth: 60			Well ID:076-02 Date:05/03/01 Depth: 60			Well ID:076-02 Date:07/25/01 Depth: 60		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,2,4-Trichlorobenzene*	ND	10	U	ND	9.9	UJ	ND	9.7	U
2,4,5-Trichlorophenol	ND	10	U	ND	9.9	UJ	ND	9.7	U
2,4,6-Trichlorophenol	ND	10	U	ND	9.9	UJ	ND	9.7	U
2,4-Dichlorophenol	ND	10	U	ND	9.9	UJ	ND	9.7	U
2,4-Dimethylphenol	ND	10	U	ND	9.9	UJ	ND	9.7	U
2,4-Dinitrophenol	ND	50	U	ND	49.5	UJ	ND	48.5	U
2,4-Dinitrotoluene	ND	10	U	ND	9.9	UJ	ND	9.7	U
2,6-Dinitrotoluene	ND	10	U	ND	9.9	UJ	ND	9.7	U
2-Chloronaphthalene	ND	10	U	ND	9.9	UJ	ND	9.7	U
2-Chlorophenol	ND	10	U	ND	9.9	UJ	ND	9.7	U
2-Methylnaphthalene	ND	10	U	ND	.99	UJ	ND	.97	U
3,3'-Dichlorobenzidine	ND	40	U	ND	39.6	UJ			
4,6-Dinitro-o-cresol	ND	50	U	ND	49.5	UJ	ND	48.5	U
4-Bromophenyl phenyl ether	ND	10	U	ND	9.9	UJ			
4-Chlorophenyl phenyl ether	ND	10	U	ND	9.9	UJ	ND	9.7	U
Acenaphthene	ND	10	U	ND	9.9	UJ	ND	9.7	U
Acenaphthylene	ND	10	U	ND	9.9	UJ	ND	9.7	U
Anthracene	ND	10	U	ND	9.9	UJ			
Benzidine	ND	10	U	ND	49.5	UJ			
Benzo(a)anthracene	ND	10	U	ND	9.9	UJ			
Benzo(a)pyrene	ND	10	U	ND	9.9	UJ			
Benzo(b)fluoranthene	ND	10	U	ND	9.9	UJ			
Benzo(ghi)perylene	ND	10	U	ND	9.9	UJ			
Benzo(k)fluoranthene	ND	10	U	ND	9.9	UJ			
Bis(2-chloroethoxy)methane	ND	10	U	ND	9.9	UJ	ND	9.7	U
Bis(2-chloroethyl)ether	ND	10	U	ND	9.9	UJ	ND	9.7	U
Bis(2-ethylhexyl)phthalate	ND	10	U	ND	9.9	UJ			
bis-chloroisopropyl ether	ND	10	U	ND	9.9	UJ	ND	9.7	U
Butyl benzyl phthalate	ND	10	U	ND	9.9	UJ			
Chrysene	ND	10	U	ND	9.9	UJ			
Di-n-butyl phthalate	ND	10	U	ND	9.9	UJ			
Di-n-octyl phthalate	ND	10	U	ND	9.9	UJ			
Dibenzo(a,h)anthracene	ND	10	U	ND	9.9	UJ			
Dibenzofuran	ND	10	U	ND	9.9	UJ	ND	9.7	U
Diethyl phthalate	ND	10	U	ND	9.9	UJ	ND	9.7	U
Dimethyl phthalate	ND	10	U	ND	9.9	UJ	ND	9.7	U
Fluoranthene	ND	10	U	ND	9.9	UJ			
Fluorene	ND	10	U	ND	9.9	UJ	ND	9.7	U
Hexachlorobenzene	ND	10	U	ND	9.9	UJ			
Hexachlorobutadiene*	ND	10	U	ND	9.9	UJ	ND	9.7	U
Hexachlorocyclopentadiene	ND	10	U	ND	9.9	UJ	ND	9.7	U
Hexachloroethane	ND	10	U	ND	9.9	UJ	ND	9.7	U
Indeno(1,2,3-cd)pyrene	ND	10	U	ND	9.9	UJ			
Isophorone	ND	10	U	ND	9.9	UJ	ND	9.7	U
N-Nitrosodimethylamine	ND	10	U	ND	9.9	UJ	ND	9.7	U
N-Nitrosodiphenylamine									
N-Nitrosodipropylamine	ND	10	U	ND	9.9	UJ	ND	9.7	U
Naphthalene*	ND	10	U	ND	9.9	UJ	ND	9.7	U
Nitrobenzene	ND	10	U	ND	9.9	UJ	ND	9.7	U
o-Nitrophenol	ND	10	U	ND	9.9	UJ	ND	9.7	U
p-Chloro-m-cresol	ND	10	U	ND	9.9	UJ	ND	9.7	U
p-Nitrophenol	ND	50	U	ND	49.5	UJ	ND	48.5	U
PCP	ND	50	U	ND	49.5	UJ			
Phenanthrene	ND	10	U	ND	9.9	UJ			
Phenol	ND	10	U	ND	9.9	UJ	ND	9.7	U
Pyrene	ND	10	U	ND	9.9	UJ			

EM - 2001 Groundwater Data: Semi - VOCs
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-02 Date:11/07/01 Depth: 60			Well ID:076-04 Date:01/26/01 Depth: 40			Well ID:076-04 Date:02/27/01 Depth: 40		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,2,4-Trichlorobenzene*	ND	9.8	U	ND	10	U	ND	9.8	U
2,4,5-Trichlorophenol	ND	9.8	U	ND	10	U	ND	9.8	U
2,4,6-Trichlorophenol	ND	9.8	U	ND	10	U	ND	9.8	U
2,4-Dichlorophenol	ND	9.8	U	ND	10	U	ND	9.8	U
2,4-Dimethylphenol	ND	9.8	U	ND	10	U	ND	9.8	U
2,4-Dinitrophenol	ND	48.8	U	ND	50	U	ND	49	U
2,4-Dinitrotoluene	ND	9.8	U	ND	10	U	ND	9.8	U
2,6-Dinitrotoluene	ND	9.8	U	ND	10	U	ND	9.8	U
2-Chloronaphthalene	ND	9.8	U	ND	10	U	.19	9.8	J
2-Chlorophenol	ND	9.8	U	ND	10	U	ND	9.8	U
2-Methylnaphthalene	ND	.98	U	ND	10	U	.2	.98	J
3,3'-Dichlorobenzidine	ND	39	U	ND	40	U	ND	39.2	U
4,6-Dinitro-o-cresol	ND	48.8	U	ND	50	U	ND	49	U
4-Bromophenyl phenyl ether	ND	9.8	U	ND	10	U	ND	9.8	U
4-Chlorophenyl phenyl ether	ND	9.8	U	ND	10	U	ND	9.8	U
Acenaphthene	ND	9.8	U	ND	10	U	.18	9.8	J
Acenaphthylene	ND	9.8	U	ND	10	U	.17	9.8	J
Anthracene	ND	9.8	U	ND	10	U	.19	9.8	J
Benzidine	ND	48.8	U	ND	10	U	ND	49	U
Benzo(a)anthracene	ND	9.8	U	ND	10	U	.32	9.8	J
Benzo(a)pyrene	ND	9.8	U	ND	10	U	ND	9.8	U
Benzo(b)fluoranthene	ND	9.8	U	ND	10	U	.15	9.8	J
Benzo(ghi)perylene	ND	9.8	U	ND	10	U	ND	9.8	U
Benzo(k)fluoranthene	ND	9.8	U	ND	10	U	ND	9.8	U
Bis(2-chloroethoxy)methane	ND	9.8	U	ND	10	U	ND	9.8	U
Bis(2-chloroethyl)ether	ND	9.8	U	ND	10	U	ND	9.8	U
Bis(2-ethylhexyl)phthalate	ND	9.8	U	ND	10	U	1	9.8	J
bis-chloroisopropyl ether	ND	9.8	U	ND	10	U	ND	9.8	U
Butyl benzyl phthalate	ND	9.8	U	ND	10	U	ND	9.8	U
Chrysene	ND	9.8	U	ND	10	U	.24	9.8	J
Di-n-butyl phthalate	ND	9.8	U	ND	10	U	3.1	9.8	J
Di-n-octyl phthalate	ND	9.8	U	ND	10	U	ND	9.8	U
Dibenzo(a,h)anthracene	ND	9.8	U	ND	10	U	ND	9.8	U
Dibenzofuran	ND	9.8	U	ND	10	U	ND	9.8	U
Diethyl phthalate	ND	9.8	U	ND	10	U	ND	9.8	U
Dimethyl phthalate	ND	9.8	U	ND	10	U	ND	9.8	U
Fluoranthene	ND	9.8	U	ND	10	U	.2	9.8	J
Fluorene	ND	9.8	U	ND	10	U	ND	9.8	U
Hexachlorobenzene	ND	9.8	U	ND	10	U	ND	9.8	U
Hexachlorobutadiene*	ND	9.8	U	ND	10	U	ND	9.8	U
Hexachlorocyclopentadiene	ND	9.8	U	ND	10	U	ND	9.8	U
Hexachloroethane	ND	9.8	U	ND	10	U	ND	9.8	U
Indeno(1,2,3-cd)pyrene	ND	9.8	U	ND	10	U	ND	9.8	U
Isophorone	ND	9.8	U	ND	10	U	ND	9.8	U
N-Nitrosodimethylamine	ND	9.8	U	ND	10	U	ND	9.8	U
N-Nitrosodiphenylamine									
N-Nitrosodipropylamine	ND	9.8	U	ND	10	U	ND	9.8	U
Naphthalene*	ND	9.8	U	ND	10	U	ND	9.8	U
Nitrobenzene	ND	9.8	U	ND	10	U	ND	9.8	U
o-Nitrophenol	ND	9.8	U	ND	10	U	ND	9.8	U
p-Chloro-m-cresol	ND	9.8	U	ND	10	U	ND	9.8	U
p-Nitrophenol	ND	48.8	U	ND	50	U	ND	49	U
PCP	ND	48.8	U	ND	50	U	ND	49	U
Phenanthrene	ND	9.8	U	ND	10	U	.21	9.8	J
Phenol	ND	9.8	U	ND	10	U	ND	9.8	U
Pyrene	ND	9.8	U	ND	10	U	.24	9.8	J

EM - 2001 Groundwater Data: Semi - VOCs
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-04 Date:05/03/01 Depth: 40			Well ID:076-04 Date:08/03/01 Depth: 40			Well ID:076-04 Date:10/02/01 Depth: 40		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,2,4-Trichlorobenzene*	ND	9.7	UJ	ND	9.7	U	ND	10	U
2,4,5-Trichlorophenol	ND	9.7	UJ	ND	9.7	U	ND	10	U
2,4,6-Trichlorophenol	ND	9.7	UJ	ND	9.7	U	ND	10	U
2,4-Dichlorophenol	ND	9.7	UJ	ND	9.7	U	ND	10	U
2,4-Dimethylphenol	ND	9.7	UJ	ND	9.7	U	ND	10	U
2,4-Dinitrophenol	ND	48.5	UJ	ND	48.5	U	ND	50	U
2,4-Dinitrotoluene	ND	9.7	UJ	ND	9.7	U	ND	10	U
2,6-Dinitrotoluene	ND	9.7	UJ	ND	9.7	U	ND	10	U
2-Chloronaphthalene	ND	9.7	UJ	ND	9.7	U	.2	10	J
2-Chlorophenol	ND	9.7	UJ	ND	9.7	U	ND	10	U
2-Methylnaphthalene	ND	.97	UJ	ND	.97	U	1	1	
3,3'-Dichlorobenzidine	ND	38.8	UJ	ND	38.8	U	ND	40	U
4,6-Dinitro-o-cresol	ND	48.5	UJ	ND	48.5	U	ND	50	U
4-Bromophenyl phenyl ether	ND	9.7	UJ	ND	9.7	U	ND	10	U
4-Chlorophenyl phenyl ether	ND	9.7	UJ	ND	9.7	U	ND	10	U
Acenaphthene	ND	9.7	UJ	ND	9.7	U	ND	10	U
Acenaphthylene	ND	9.7	UJ	ND	9.7	U	.25	10	J
Anthracene	ND	9.7	UJ	ND	9.7	U	.25	10	J
Benzidine	ND	48.5	UJ	ND	48.5	U	ND	50	U
Benzo(a)anthracene	ND	9.7	UJ	ND	9.7	U	ND	10	U
Benzo(a)pyrene	ND	9.7	UJ	ND	9.7	U	ND	10	U
Benzo(b)fluoranthene	ND	9.7	UJ	ND	9.7	U	.22	10	J
Benzo(ghi)perylene	ND	9.7	UJ	ND	9.7	U	ND	10	U
Benzo(k)fluoranthene	ND	9.7	UJ	ND	9.7	U	ND	10	U
Bis(2-chloroethoxy)methane	ND	9.7	UJ	ND	9.7	U	ND	10	U
Bis(2-chloroethyl)ether	ND	9.7	UJ	ND	9.7	U	ND	10	U
Bis(2-ethylhexyl)phthalate	ND	9.7	UJ	ND	9.7	U	.53	10	J
bis-chloroisopropyl ether	ND	9.7	UJ	ND	9.7	U	ND	10	U
Butyl benzyl phthalate	ND	9.7	UJ	ND	9.7	U	ND	10	U
Chrysene	ND	9.7	UJ	ND	9.7	U	ND	10	U
Di-n-butyl phthalate	ND	9.7	UJ	ND	9.7	U	ND	10	U
Di-n-octyl phthalate	ND	9.7	UJ	ND	9.7	U	ND	10	U
Dibenzo(a,h)anthracene	ND	9.7	UJ	ND	9.7	U	ND	10	U
Dibenzofuran	ND	9.7	UJ	ND	9.7	U	ND	10	U
Diethyl phthalate	ND	9.7	UJ	ND	9.7	U	ND	10	U
Dimethyl phthalate	ND	9.7	UJ	ND	9.7	U	ND	10	U
Fluoranthene	ND	9.7	UJ	.2	9.7	J	.23	10	J
Fluorene	ND	9.7	UJ	ND	9.7	U	.44	10	J
Hexachlorobenzene	ND	9.7	UJ	ND	9.7	U	ND	10	U
Hexachlorobutadiene*	ND	9.7	UJ	ND	9.7	U	ND	10	U
Hexachlorocyclopentadiene	ND	9.7	UJ	ND	9.7	U	ND	10	U
Hexachloroethane	ND	9.7	UJ	ND	9.7	U	ND	10	U
Indeno(1,2,3-cd)pyrene	ND	9.7	UJ	ND	9.7	U	ND	10	U
Isophorone	ND	9.7	UJ	ND	9.7	U	ND	10	U
N-Nitrosodimethylamine	ND	9.7	UJ	ND	9.7	U	ND	10	U
N-Nitrosodiphenylamine									
N-Nitrosodipropylamine	ND	9.7	UJ	ND	9.7	U	ND	10	U
Naphthalene*	ND	9.7	UJ	ND	9.7	U	1.1	10	J
Nitrobenzene	ND	9.7	UJ	ND	9.7	U	ND	10	U
o-Nitrophenol	ND	9.7	UJ	ND	9.7	U	ND	10	U
p-Chloro-m-cresol	ND	9.7	UJ	ND	9.7	U	ND	10	U
p-Nitrophenol	ND	48.5	UJ	ND	48.5	U	ND	50	U
PCP	ND	48.5	UJ	ND	48.5	U	ND	50	U
Phenanthrene	ND	9.7	UJ	ND	9.7	U	.28	10	J
Phenol	ND	9.7	UJ	ND	9.7	U	ND	10	U
Pyrene	ND	9.7	UJ	.18	9.7	J	.3	10	J

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Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-05 Date:01/31/01 Depth: 40			Well ID:076-05 Date:05/09/01 Depth: 40			Well ID:076-05 Date:07/25/01 Depth: 40		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,2,4-Trichlorobenzene*	ND	10	U	ND	9.7	U	ND	9.7	U
2,4,5-Trichlorophenol	ND	10	U	ND	9.7	U	ND	9.7	U
2,4,6-Trichlorophenol	ND	10	U	ND	9.7	U	ND	9.7	U
2,4-Dichlorophenol	ND	10	U	ND	9.7	U	ND	9.7	U
2,4-Dimethylphenol	ND	10	U	ND	9.7	U	ND	9.7	U
2,4-Dinitrophenol	ND	50	U	ND	48.5	U	ND	48.5	U
2,4-Dinitrotoluene	ND	10	U	ND	9.7	U	ND	9.7	U
2,6-Dinitrotoluene	ND	10	U	ND	9.7	U	ND	9.7	U
2-Chloronaphthalene	ND	10	U	ND	9.7	U	ND	9.7	U
2-Chlorophenol	ND	10	U	ND	9.7	U	ND	9.7	U
2-Methylnaphthalene	ND	10	U	ND	.97	U	ND	.97	U
3,3'-Dichlorobenzidine	ND	40	U	ND	38.8	U			
4,6-Dinitro-o-cresol	ND	50	U	ND	48.5	U	ND	48.5	U
4-Bromophenyl phenyl ether	ND	10	U	ND	9.7	U			
4-Chlorophenyl phenyl ether	ND	10	U	ND	9.7	U	ND	9.7	U
Acenaphthene	ND	10	U	ND	9.7	U	ND	9.7	U
Acenaphthylene	ND	10	U	ND	9.7	U	ND	9.7	U
Anthracene	ND	10	U	ND	9.7	U			
Benzidine	ND	10	U	ND	48.5	U			
Benzo(a)anthracene	ND	10	U	ND	9.7	U			
Benzo(a)pyrene	ND	10	U	ND	9.7	U			
Benzo(b)fluoranthene	ND	10	U	ND	9.7	U			
Benzo(ghi)perylene	ND	10	U	ND	9.7	U			
Benzo(k)fluoranthene	ND	10	U	ND	9.7	U			
Bis(2-chloroethoxy)methane	ND	10	U	ND	9.7	U	ND	9.7	U
Bis(2-chloroethyl)ether	ND	10	U	ND	9.7	U	ND	9.7	U
Bis(2-ethylhexyl)phthalate	ND	10	U	ND	9.7	U			
bis-chloroisopropyl ether	ND	10	U	ND	9.7	U	ND	9.7	U
Butyl benzyl phthalate	ND	10	U	ND	9.7	U			
Chrysene	ND	10	U	ND	9.7	U			
Di-n-butyl phthalate	ND	10	U	ND	9.7	U			
Di-n-octyl phthalate	ND	10	U	ND	9.7	U			
Dibenzo(a,h)anthracene	ND	10	U	ND	9.7	U			
Dibenzofuran	ND	10	U	ND	9.7	U	ND	9.7	U
Diethyl phthalate	ND	10	U	ND	9.7	U	ND	9.7	U
Dimethyl phthalate	ND	10	U	ND	9.7	U	ND	9.7	U
Fluoranthene	ND	10	U	ND	9.7	U			
Fluorene	ND	10	U	ND	9.7	U	ND	9.7	U
Hexachlorobenzene	ND	10	U	ND	9.7	U			
Hexachlorobutadiene*	ND	10	U	ND	9.7	U	ND	9.7	U
Hexachlorocyclopentadiene	ND	10	U	ND	9.7	U	ND	9.7	U
Hexachloroethane	ND	10	U	ND	9.7	U	ND	9.7	U
Indeno(1,2,3-cd)pyrene	ND	10	U	ND	9.7	U			
Isophorone	ND	10	U	ND	9.7	U	ND	9.7	U
N-Nitrosodimethylamine	ND	10	U	ND	9.7	U	ND	9.7	U
N-Nitrosodiphenylamine									
N-Nitrosodipropylamine	ND	10	U	ND	9.7	U	ND	9.7	U
Naphthalene*	ND	10	U	ND	9.7	U	ND	9.7	U
Nitrobenzene	ND	10	U	ND	9.7	U	ND	9.7	U
o-Nitrophenol	ND	10	U	ND	9.7	U	ND	9.7	U
p-Chloro-m-cresol	ND	10	U	ND	9.7	U	ND	9.7	U
p-Nitrophenol	ND	50	U	ND	48.5	U	ND	48.5	U
PCP	ND	50	U	ND	48.5	U			
Phenanthrene	ND	10	U	ND	9.7	U			
Phenol	ND	10	U	ND	9.7	U	ND	9.7	U
Pyrene	ND	10	U	ND	9.7	U			

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Brookhaven National Laboratory
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	Well ID:076-05 Date:11/07/01 Depth: 40			Well ID:076-06 Date:01/26/01 Depth: 40			Well ID:076-06 Date:05/09/01 Depth: 40		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,2,4-Trichlorobenzene*	ND	9.5	U	ND	10	U	ND	9.7	U
2,4,5-Trichlorophenol	ND	9.5	U	ND	10	U	ND	9.7	U
2,4,6-Trichlorophenol	ND	9.5	U	ND	10	U	ND	9.7	U
2,4-Dichlorophenol	ND	9.5	U	ND	10	U	ND	9.7	U
2,4-Dimethylphenol	ND	9.5	U	ND	10	U	ND	9.7	U
2,4-Dinitrophenol	ND	47.4	U	ND	50	U	ND	48.5	U
2,4-Dinitrotoluene	ND	9.5	U	ND	10	U	ND	9.7	U
2,6-Dinitrotoluene	ND	9.5	U	ND	10	U	ND	9.7	U
2-Chloronaphthalene	ND	9.5	U	ND	10	U	ND	9.7	U
2-Chlorophenol	ND	9.5	U	ND	10	U	ND	9.7	U
2-Methylnaphthalene	ND	.95	U	ND	10	U	.6	.97	J
3,3'-Dichlorobenzidine	ND	37.9	U	ND	40	U	ND	38.8	U
4,6-Dinitro-o-cresol	ND	47.4	U	ND	50	U	ND	48.5	U
4-Bromophenyl phenyl ether	ND	9.5	U	ND	10	U	ND	9.7	U
4-Chlorophenyl phenyl ether	ND	9.5	U	ND	10	U	ND	9.7	U
Acenaphthene	ND	9.5	U	ND	10	U	ND	9.7	U
Acenaphthylene	ND	9.5	U	ND	10	U	ND	9.7	U
Anthracene	ND	9.5	U	ND	10	U	ND	9.7	U
Benzidine	ND	47.4	U	ND	10	U	ND	48.5	U
Benzo(a)anthracene	ND	9.5	U	ND	10	U	ND	9.7	U
Benzo(a)pyrene	ND	9.5	U	ND	10	U	ND	9.7	U
Benzo(b)fluoranthene	ND	9.5	U	ND	10	U	ND	9.7	U
Benzo(ghi)perylene	ND	9.5	U	ND	10	U	ND	9.7	U
Benzo(k)fluoranthene	ND	9.5	U	ND	10	U	ND	9.7	U
Bis(2-chloroethoxy)methane	ND	9.5	U	ND	10	U	ND	9.7	U
Bis(2-chloroethyl)ether	ND	9.5	U	ND	10	U	ND	9.7	U
Bis(2-ethylhexyl)phthalate	ND	9.5	U	ND	10	U	ND	9.7	U
bis-chloroisopropyl ether	ND	9.5	U	ND	10	U	ND	9.7	U
Butyl benzyl phthalate	ND	9.5	U	ND	10	U	ND	9.7	U
Chrysene	ND	9.5	U	ND	10	U	ND	9.7	U
Di-n-butyl phthalate	ND	9.5	U	ND	10	U	ND	9.7	U
Di-n-octyl phthalate	ND	9.5	U	ND	10	U	ND	9.7	U
Dibenzo(a,h)anthracene	ND	9.5	U	ND	10	U	ND	9.7	U
Dibenzofuran	ND	9.5	U	ND	10	U	ND	9.7	U
Diethyl phthalate	ND	9.5	U	ND	10	U	ND	9.7	U
Dimethyl phthalate	ND	9.5	U	ND	10	U	ND	9.7	U
Fluoranthene	ND	9.5	U	ND	10	U	ND	9.7	U
Fluorene	ND	9.5	U	ND	10	U	ND	9.7	U
Hexachlorobenzene	ND	9.5	U	ND	10	U	ND	9.7	U
Hexachlorobutadiene*	ND	9.5	U	ND	10	U	ND	9.7	U
Hexachlorocyclopentadiene	ND	9.5	U	ND	10	U	ND	9.7	U
Hexachloroethane	ND	9.5	U	ND	10	U	ND	9.7	U
Indeno(1,2,3-cd)pyrene	ND	9.5	U	ND	10	U	ND	9.7	U
Isophorone	ND	9.5	U	ND	10	U	ND	9.7	U
N-Nitrosodimethylamine	ND	9.5	U	ND	10	U	ND	9.7	U
N-Nitrosodiphenylamine									
N-Nitrosodipropylamine	ND	9.5	U	ND	10	U	ND	9.7	U
Naphthalene*	ND	9.5	U	ND	10	U	ND	9.7	U
Nitrobenzene	ND	9.5	U	ND	10	U	ND	9.7	U
o-Nitrophenol	ND	9.5	U	ND	10	U	ND	9.7	U
p-Chloro-m-cresol	ND	9.5	U	ND	10	U	ND	9.7	U
p-Nitrophenol	ND	47.4	U	ND	50	U	ND	48.5	U
PCP	ND	47.4	U	ND	50	U	ND	48.5	U
Phenanthrene	ND	9.5	U	ND	10	U	ND	9.7	U
Phenol	ND	9.5	U	ND	10	U	ND	9.7	U
Pyrene	ND	9.5	U	ND	10	U	ND	9.7	U

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Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-06 Date:07/25/01 Depth: 40			Well ID:076-06 Date:11/07/01 Depth: 40			Well ID:076-07 Date:01/30/01 Depth: 60		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,2,4-Trichlorobenzene*	ND	9.7	U	ND	9.8	U	ND	10	U
2,4,5-Trichlorophenol	ND	9.7	U	ND	9.8	U	ND	10	U
2,4,6-Trichlorophenol	ND	9.7	U	ND	9.8	U	ND	10	U
2,4-Dichlorophenol	ND	9.7	U	ND	9.8	U	ND	10	U
2,4-Dimethylphenol	ND	9.7	U	ND	9.8	U	ND	10	U
2,4-Dinitrophenol	ND	48.5	U	ND	48.8	U	ND	50	U
2,4-Dinitrotoluene	ND	9.7	U	ND	9.8	U	ND	10	U
2,6-Dinitrotoluene	ND	9.7	U	ND	9.8	U	5	10	J
2-Chloronaphthalene	ND	9.7	U	.21	9.8	J	ND	10	U
2-Chlorophenol	ND	9.7	U	ND	9.8	U	ND	10	U
2-Methylnaphthalene	ND	.97	U	13.6	.98		ND	10	U
3,3'-Dichlorobenzidine				ND	39	U	ND	40	U
4,6-Dinitro-o-cresol	ND	48.5	U	ND	48.8	U	ND	50	U
4-Bromophenyl phenyl ether				ND	9.8	U	ND	10	U
4-Chlorophenyl phenyl ether	ND	9.7	U	ND	9.8	U	ND	10	U
Acenaphthene	ND	9.7	U	1.4	9.8	J	ND	10	U
Acenaphthylene	ND	9.7	U	ND	9.8	U	ND	10	U
Anthracene				ND	9.8	U	ND	10	U
Benzidine				ND	48.8	U	ND	10	U
Benzo(a)anthracene				ND	9.8	U	ND	10	U
Benzo(a)pyrene				ND	9.8	U	ND	10	U
Benzo(b)fluoranthene				ND	9.8	U	ND	10	U
Benzo(ghi)perylene				ND	9.8	U	ND	10	U
Benzo(k)fluoranthene				ND	9.8	U	ND	10	U
Bis(2-chloroethoxy)methane	ND	9.7	U	ND	9.8	U	ND	10	U
Bis(2-chloroethyl)ether	ND	9.7	U	ND	9.8	U	ND	10	U
Bis(2-ethylhexyl)phthalate				.19	9.8	J	ND	10	U
bis-chloroisopropyl ether	ND	9.7	U	ND	9.8	U	ND	10	U
Butyl benzyl phthalate				ND	9.8	U	ND	10	U
Chrysene				ND	9.8	U	ND	10	U
Di-n-butyl phthalate				ND	9.8	U	ND	10	U
Di-n-octyl phthalate				ND	9.8	U	ND	10	U
Dibenzo(a,h)anthracene				ND	9.8	U	ND	10	U
Dibenzofuran	ND	9.7	U	1.3	9.8	J	ND	10	U
Diethyl phthalate	ND	9.7	U	ND	9.8	U	ND	10	U
Dimethyl phthalate	ND	9.7	U	ND	9.8	U	ND	10	U
Fluoranthene				ND	9.8	U	ND	10	U
Fluorene	ND	9.7	U	2.7	9.8	J	ND	10	U
Hexachlorobenzene				ND	9.8	U	ND	10	U
Hexachlorobutadiene*	ND	9.7	U	ND	9.8	U	ND	10	U
Hexachlorocyclopentadiene	ND	9.7	U	ND	9.8	U	ND	10	U
Hexachloroethane	ND	9.7	U	ND	9.8	U	ND	10	U
Indeno(1,2,3-cd)pyrene				ND	9.8	U	ND	10	U
Isophorone	ND	9.7	U	ND	9.8	U	ND	10	U
N-Nitrosodimethylamine	ND	9.7	U	ND	9.8	U	ND	10	U
N-Nitrosodiphenylamine									
N-Nitrosodipropylamine	ND	9.7	U	ND	9.8	U	ND	10	U
Naphthalene*	ND	9.7	U	ND	9.8	U	ND	10	U
Nitrobenzene	ND	9.7	U	ND	9.8	U	ND	10	U
o-Nitrophenol	ND	9.7	U	ND	9.8	U	ND	10	U
p-Chloro-m-cresol	ND	9.7	U	ND	9.8	U	ND	10	U
p-Nitrophenol	ND	48.5	U	ND	48.8	U	ND	50	U
PCP				ND	48.8	U	ND	50	U
Phenanthrene				1.1	9.8	J	ND	10	U
Phenol	ND	9.7	U	ND	9.8	U	ND	10	U
Pyrene				ND	9.8	U	ND	10	U

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Brookhaven National Laboratory
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	Well ID:076-07 Date:05/09/01 Depth: 60			Well ID:076-07 Date:07/26/01 Depth: 60			Well ID:076-07 Date:11/06/01 Depth: 58		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,2,4-Trichlorobenzene*	ND	9.7	U	ND	9.6	U	ND	9.6	U
2,4,5-Trichlorophenol	ND	9.7	U	ND	9.6	U	ND	9.6	U
2,4,6-Trichlorophenol	ND	9.7	U	ND	9.6	U	ND	9.6	U
2,4-Dichlorophenol	ND	9.7	U	ND	9.6	U	ND	9.6	U
2,4-Dimethylphenol	ND	9.7	U	ND	9.6	U	ND	9.6	U
2,4-Dinitrophenol	ND	48.5	U	ND	48.1	U	ND	48.1	U
2,4-Dinitrotoluene	ND	9.7	U	ND	9.6	U	ND	9.6	U
2,6-Dinitrotoluene	ND	9.7	U	ND	9.6	U	ND	9.6	U
2-Chloronaphthalene	ND	9.7	U	ND	9.6	U	ND	9.6	U
2-Chlorophenol	ND	9.7	U	ND	9.6	U	ND	9.6	U
2-Methylnaphthalene	ND	.97	U	ND	.96	U	ND	.96	U
3,3'-Dichlorobenzidine	ND	38.8	U	ND	38.5	U	ND	38.5	U
4,6-Dinitro-o-cresol	ND	48.5	U	ND	48.1	U	ND	48.1	U
4-Bromophenyl phenyl ether	ND	9.7	U	ND	9.6	U	ND	9.6	U
4-Chlorophenyl phenyl ether	ND	9.7	U	ND	9.6	U	ND	9.6	U
Acenaphthene	ND	9.7	U	ND	9.6	U	ND	9.6	U
Acenaphthylene	ND	9.7	U	ND	9.6	U	ND	9.6	U
Anthracene	ND	9.7	U	ND	9.6	U	ND	9.6	U
Benzidine	ND	48.5	U	ND	48.1	U	ND	48.1	U
Benzo(a)anthracene	ND	9.7	U	ND	9.6	U	ND	9.6	U
Benzo(a)pyrene	ND	9.7	U	ND	9.6	U	ND	9.6	U
Benzo(b)fluoranthene	ND	9.7	U	ND	9.6	U	ND	9.6	U
Benzo(ghi)perylene	ND	9.7	U	ND	9.6	U	ND	9.6	U
Benzo(k)fluoranthene	ND	9.7	U	ND	9.6	U	ND	9.6	U
Bis(2-chloroethoxy)methane	ND	9.7	U	ND	9.6	U	ND	9.6	U
Bis(2-chloroethyl)ether	ND	9.7	U	ND	9.6	U	ND	9.6	U
Bis(2-ethylhexyl)phthalate	ND	9.7	U	ND	9.6	U	.19	9.6	J
bis-chloroisopropyl ether	ND	9.7	U	ND	9.6	U	ND	9.6	U
Butyl benzyl phthalate	ND	9.7	U	ND	9.6	U	ND	9.6	U
Chrysene	ND	9.7	U	ND	9.6	U	ND	9.6	U
Di-n-butyl phthalate	ND	9.7	U	ND	9.6	U	ND	9.6	U
Di-n-octyl phthalate	ND	9.7	U	ND	9.6	U	ND	9.6	U
Dibenzo(a,h)anthracene	ND	9.7	U	ND	9.6	U	ND	9.6	U
Dibenzofuran	ND	9.7	U	ND	9.6	U	ND	9.6	U
Diethyl phthalate	ND	9.7	U	ND	9.6	U	ND	9.6	U
Dimethyl phthalate	ND	9.7	U	ND	9.6	U	ND	9.6	U
Fluoranthene	ND	9.7	U	ND	9.6	U	ND	9.6	U
Fluorene	ND	9.7	U	ND	9.6	U	ND	9.6	U
Hexachlorobenzene	ND	9.7	U	ND	9.6	U	ND	9.6	U
Hexachlorobutadiene*	ND	9.7	U	ND	9.6	U	ND	9.6	U
Hexachlorocyclopentadiene	ND	9.7	U	ND	9.6	U	ND	9.6	U
Hexachloroethane	ND	9.7	U	ND	9.6	U	ND	9.6	U
Indeno(1,2,3-cd)pyrene	ND	9.7	U	ND	9.6	U	ND	9.6	U
Isophorone	ND	9.7	U	ND	9.6	U	ND	9.6	U
N-Nitrosodimethylamine	ND	9.7	U	ND	9.6	U	ND	9.6	U
N-Nitrosodiphenylamine									
N-Nitrosodipropylamine	ND	9.7	U	ND	9.6	U	ND	9.6	U
Naphthalene*	ND	9.7	U	ND	9.6	U	ND	9.6	U
Nitrobenzene	ND	9.7	U	ND	9.6	U	ND	9.6	U
o-Nitrophenol	ND	9.7	U	ND	9.6	U	ND	9.6	U
p-Chloro-m-cresol	ND	9.7	U	ND	9.6	U	ND	9.6	U
p-Nitrophenol	ND	48.5	U	ND	48.1	U	ND	48.1	U
PCP	ND	48.5	U	ND	48.1	U	ND	48.1	U
Phenanthrene	ND	9.7	U	ND	9.6	U	ND	9.6	U
Phenol	ND	9.7	U	ND	9.6	U	ND	9.6	U
Pyrene	ND	9.7	U	ND	9.6	U	ND	9.6	U

EM - 2001 Groundwater Data: Semi - VOCs
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-08 Date:01/29/01 Depth: 40			Well ID:076-08 Date:05/09/01 Depth: 40			Well ID:076-08 Date:07/25/01 Depth: 40		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,2,4-Trichlorobenzene*	ND	10	U	ND	9.7	U	ND	9.8	U
2,4,5-Trichlorophenol	ND	10	U	ND	9.7	U	ND	9.8	U
2,4,6-Trichlorophenol	ND	10	U	ND	9.7	U	ND	9.8	U
2,4-Dichlorophenol	ND	10	U	ND	9.7	U	ND	9.8	U
2,4-Dimethylphenol	ND	10	U	ND	9.7	U	ND	9.8	U
2,4-Dinitrophenol	ND	50	U	ND	48.5	U	ND	49.3	U
2,4-Dinitrotoluene	ND	10	U	ND	9.7	U	ND	9.8	U
2,6-Dinitrotoluene	ND	10	U	ND	9.7	U	ND	9.8	U
2-Chloronaphthalene	ND	10	U	ND	9.7	U	ND	9.8	U
2-Chlorophenol	ND	10	U	ND	9.7	U	ND	9.8	U
2-Methylnaphthalene	ND	10	U	ND	.97	U	ND	.98	U
3,3'-Dichlorobenzidine	ND	40	U	ND	38.8	U	ND	39.4	U
4,6-Dinitro-o-cresol	ND	50	U	ND	48.5	U	ND	49.3	U
4-Bromophenyl phenyl ether	ND	10	U	ND	9.7	U	ND	9.8	U
4-Chlorophenyl phenyl ether	ND	10	U	ND	9.7	U	ND	9.8	U
Acenaphthene	ND	10	U	ND	9.7	U	ND	9.8	U
Acenaphthylene	ND	10	U	ND	9.7	U	ND	9.8	U
Anthracene	ND	10	U	ND	9.7	U	ND	9.8	U
Benzidine	ND	10	U	ND	48.5	U	ND	49.3	U
Benzo(a)anthracene	ND	10	U	ND	9.7	U	ND	9.8	U
Benzo(a)pyrene	ND	10	U	ND	9.7	U	ND	9.8	U
Benzo(b)fluoranthene	ND	10	U	ND	9.7	U	ND	9.8	U
Benzo(ghi)perylene	ND	10	U	ND	9.7	U	ND	9.8	U
Benzo(k)fluoranthene	ND	10	U	ND	9.7	U	ND	9.8	U
Bis(2-chloroethoxy)methane	ND	10	U	ND	9.7	U	ND	9.8	U
Bis(2-chloroethyl)ether	ND	10	U	ND	9.7	U	ND	9.8	U
Bis(2-ethylhexyl)phthalate	ND	10	U	ND	9.7	U	ND	9.8	U
bis-chloroisopropyl ether	ND	10	U	ND	9.7	U	ND	9.8	U
Butyl benzyl phthalate	ND	10	U	ND	9.7	U	ND	9.8	U
Chrysene	ND	10	U	ND	9.7	U	ND	9.8	U
Di-n-butyl phthalate	ND	10	U	ND	9.7	U	ND	9.8	U
Di-n-octyl phthalate	ND	10	U	ND	9.7	U	ND	9.8	U
Dibenzo(a,h)anthracene	ND	10	U	ND	9.7	U	ND	9.8	U
Dibenzofuran	ND	10	U	ND	9.7	U	ND	9.8	U
Diethyl phthalate	ND	10	U	ND	9.7	U	ND	9.8	U
Dimethyl phthalate	ND	10	U	ND	9.7	U	ND	9.8	U
Fluoranthene	ND	10	U	ND	9.7	U	ND	9.8	U
Fluorene	ND	10	U	ND	9.7	U	ND	9.8	U
Hexachlorobenzene	ND	10	U	ND	9.7	U	ND	9.8	U
Hexachlorobutadiene*	ND	10	U	ND	9.7	U	ND	9.8	U
Hexachlorocyclopentadiene	ND	10	U	ND	9.7	U	ND	9.8	U
Hexachloroethane	ND	10	U	ND	9.7	U	ND	9.8	U
Indeno(1,2,3-cd)pyrene	ND	10	U	ND	9.7	U	ND	9.8	U
Isophorone	ND	10	U	ND	9.7	U	ND	9.8	U
N-Nitrosodimethylamine	ND	10	U	ND	9.7	U	ND	9.8	U
N-Nitrosodiphenylamine									
N-Nitrosodipropylamine	ND	10	U	ND	9.7	U	ND	9.8	U
Naphthalene*	ND	10	U	ND	9.7	U	ND	9.8	U
Nitrobenzene	ND	10	U	ND	9.7	U	ND	9.8	U
o-Nitrophenol	ND	10	U	ND	9.7	U	ND	9.8	U
p-Chloro-m-cresol	ND	10	U	ND	9.7	U	ND	9.8	U
p-Nitrophenol	ND	50	U	ND	48.5	U	ND	49.3	U
PCP	ND	50	U	ND	48.5	U	ND	49.3	U
Phenanthrene	ND	10	U	ND	9.7	U	ND	9.8	U
Phenol	ND	10	U	ND	9.7	U	ND	9.8	U
Pyrene	ND	10	U	ND	9.7	U	ND	9.8	U

EM - 2001 Groundwater Data: Semi - VOCs
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-08 Date:11/07/01 Depth: 40			Well ID:076-09 Date:01/30/01 Depth: 60			Well ID:076-09 Date:05/09/01 Depth: 60		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,2,4-Trichlorobenzene*	ND	9.8	U	ND	10	U	ND	9.7	U
2,4,5-Trichlorophenol	ND	9.8	U	ND	10	U	ND	9.7	U
2,4,6-Trichlorophenol	ND	9.8	U	ND	10	U	ND	9.7	U
2,4-Dichlorophenol	ND	9.8	U	ND	10	U	ND	9.7	U
2,4-Dimethylphenol	ND	9.8	U	ND	10	U	ND	9.7	U
2,4-Dinitrophenol	ND	48.8	U	ND	50	U	ND	48.5	U
2,4-Dinitrotoluene	ND	9.8	U	ND	10	U	ND	9.7	U
2,6-Dinitrotoluene	ND	9.8	U	ND	10	U	ND	9.7	U
2-Chloronaphthalene	ND	9.8	U	ND	10	U	ND	9.7	U
2-Chlorophenol	ND	9.8	U	ND	10	U	ND	9.7	U
2-Methylnaphthalene	ND	.98	U	ND	10	U	ND	.97	U
3,3'-Dichlorobenzidine	ND	39	U	ND	40	U	ND	38.8	U
4,6-Dinitro-o-cresol	ND	48.8	U	ND	50	U	ND	48.5	U
4-Bromophenyl phenyl ether	ND	9.8	U	ND	10	U	ND	9.7	U
4-Chlorophenyl phenyl ether	ND	9.8	U	ND	10	U	ND	9.7	U
Acenaphthene	ND	9.8	U	ND	10	U	ND	9.7	U
Acenaphthylene	ND	9.8	U	ND	10	U	ND	9.7	U
Anthracene	ND	9.8	U	ND	10	U	ND	9.7	U
Benzidine	ND	48.8	U	ND	10	U	ND	48.5	U
Benzo(a)anthracene	ND	9.8	U	ND	10	U	ND	9.7	U
Benzo(a)pyrene	ND	9.8	U	ND	10	U	ND	9.7	U
Benzo(b)fluoranthene	ND	9.8	U	ND	10	U	ND	9.7	U
Benzo(ghi)perylene	ND	9.8	U	ND	10	U	ND	9.7	U
Benzo(k)fluoranthene	ND	9.8	U	ND	10	U	ND	9.7	U
Bis(2-chloroethoxy)methane	ND	9.8	U	ND	10	U	ND	9.7	U
Bis(2-chloroethyl)ether	ND	9.8	U	ND	10	U	ND	9.7	U
Bis(2-ethylhexyl)phthalate	.14	9.8	J	ND	10	U	ND	9.7	U
bis-chloroisopropyl ether	ND	9.8	U	ND	10	U	ND	9.7	U
Butyl benzyl phthalate	ND	9.8	U	ND	10	U	ND	9.7	U
Chrysene	ND	9.8	U	ND	10	U	ND	9.7	U
Di-n-butyl phthalate	ND	9.8	U	ND	10	U	ND	9.7	U
Di-n-octyl phthalate	ND	9.8	U	ND	10	U	ND	9.7	U
Dibenzo(a,h)anthracene	ND	9.8	U	ND	10	U	ND	9.7	U
Dibenzofuran	ND	9.8	U	ND	10	U	ND	9.7	U
Diethyl phthalate	ND	9.8	U	ND	10	U	ND	9.7	U
Dimethyl phthalate	ND	9.8	U	ND	10	U	ND	9.7	U
Fluoranthene	ND	9.8	U	ND	10	U	ND	9.7	U
Fluorene	ND	9.8	U	ND	10	U	ND	9.7	U
Hexachlorobenzene	ND	9.8	U	ND	10	U	ND	9.7	U
Hexachlorobutadiene*	ND	9.8	U	ND	10	U	ND	9.7	U
Hexachlorocyclopentadiene	ND	9.8	U	ND	10	U	ND	9.7	U
Hexachloroethane	ND	9.8	U	ND	10	U	ND	9.7	U
Indeno(1,2,3-cd)pyrene	ND	9.8	U	ND	10	U	ND	9.7	U
Isophorone	ND	9.8	U	ND	10	U	ND	9.7	U
N-Nitrosodimethylamine	ND	9.8	U	ND	10	U	ND	9.7	U
N-Nitrosodiphenylamine									
N-Nitrosodipropylamine	ND	9.8	U	ND	10	U	ND	9.7	U
Naphthalene*	ND	9.8	U	ND	10	U	ND	9.7	U
Nitrobenzene	ND	9.8	U	ND	10	U	ND	9.7	U
o-Nitrophenol	ND	9.8	U	ND	10	U	ND	9.7	U
p-Chloro-m-cresol	ND	9.8	U	ND	10	U	ND	9.7	U
p-Nitrophenol	ND	48.8	U	ND	50	U	ND	48.5	U
PCP	ND	48.8	U	ND	50	U	ND	48.5	U
Phenanthrene	ND	9.8	U	ND	10	U	ND	9.7	U
Phenol	ND	9.8	U	ND	10	U	ND	9.7	U
Pyrene	ND	9.8	U	ND	10	U	ND	9.7	U

EM - 2001 Groundwater Data: Semi - VOCs
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-09 Date:07/25/01 Depth: 60			Well ID:076-09 Date:11/07/01 Depth: 60			Well ID:076-18 Date:01/26/01 Depth: 30		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,2,4-Trichlorobenzene*	ND	9.7	U	ND	9.6	U	ND	10	U
2,4,5-Trichlorophenol	ND	9.7	U	ND	9.6	U	ND	10	U
2,4,6-Trichlorophenol	ND	9.7	U	ND	9.6	U	ND	10	U
2,4-Dichlorophenol	ND	9.7	U	ND	9.6	U	ND	10	U
2,4-Dimethylphenol	ND	9.7	U	ND	9.6	U	ND	10	U
2,4-Dinitrophenol	ND	48.5	U	ND	48.1	U	ND	50	U
2,4-Dinitrotoluene	ND	9.7	U	ND	9.6	U	ND	10	U
2,6-Dinitrotoluene	ND	9.7	U	ND	9.6	U	ND	10	U
2-Chloronaphthalene	ND	9.7	U	ND	9.6	U	ND	10	U
2-Chlorophenol	ND	9.7	U	ND	9.6	U	ND	10	U
2-Methylnaphthalene	ND	.97	U	ND	.96	U	ND	10	U
3,3'-Dichlorobenzidine				ND	38.5	U	ND	40	U
4,6-Dinitro-o-cresol	ND	48.5	U	ND	48.1	U	ND	50	U
4-Bromophenyl phenyl ether				ND	9.6	U	ND	10	U
4-Chlorophenyl phenyl ether	ND	9.7	U	ND	9.6	U	ND	10	U
Acenaphthene	ND	9.7	U	ND	9.6	U	ND	10	U
Acenaphthylene	ND	9.7	U	ND	9.6	U	ND	10	U
Anthracene				ND	9.6	U	ND	10	U
Benzidine				ND	48.1	U	ND	10	U
Benzo(a)anthracene				ND	9.6	U	ND	10	U
Benzo(a)pyrene				ND	9.6	U	ND	10	U
Benzo(b)fluoranthene				ND	9.6	U	ND	10	U
Benzo(ghi)perylene				ND	9.6	U	ND	10	U
Benzo(k)fluoranthene				ND	9.6	U	ND	10	U
Bis(2-chloroethoxy)methane	ND	9.7	U	ND	9.6	U	ND	10	U
Bis(2-chloroethyl)ether	ND	9.7	U	ND	9.6	U	ND	10	U
Bis(2-ethylhexyl)phthalate				ND	9.6	U	ND	10	U
bis-chloroisopropyl ether	ND	9.7	U	ND	9.6	U	ND	10	U
Butyl benzyl phthalate				ND	9.6	U	ND	10	U
Chrysene				ND	9.6	U	ND	10	U
Di-n-butyl phthalate				ND	9.6	U	ND	10	U
Di-n-octyl phthalate				ND	9.6	U	ND	10	U
Dibenzo(a,h)anthracene				ND	9.6	U	ND	10	U
Dibenzofuran	ND	9.7	U	ND	9.6	U	ND	10	U
Diethyl phthalate	ND	9.7	U	ND	9.6	U	ND	10	U
Dimethyl phthalate	ND	9.7	U	ND	9.6	U	ND	10	U
Fluoranthene				ND	9.6	U	ND	10	U
Fluorene	ND	9.7	U	ND	9.6	U	ND	10	U
Hexachlorobenzene				ND	9.6	U	ND	10	U
Hexachlorobutadiene*	ND	9.7	U	ND	9.6	U	ND	10	U
Hexachlorocyclopentadiene	ND	9.7	U	ND	9.6	U	ND	10	U
Hexachloroethane	ND	9.7	U	ND	9.6	U	ND	10	U
Indeno(1,2,3-cd)pyrene				ND	9.6	U	ND	10	U
Isophorone	ND	9.7	U	ND	9.6	U	ND	10	U
N-Nitrosodimethylamine	ND	9.7	U	ND	9.6	U	ND	10	U
N-Nitrosodiphenylamine									
N-Nitrosodipropylamine	ND	9.7	U	ND	9.6	U	ND	10	U
Naphthalene*	ND	9.7	U	ND	9.6	U	ND	10	U
Nitrobenzene	ND	9.7	U	ND	9.6	U	ND	10	U
o-Nitrophenol	ND	9.7	U	ND	9.6	U	ND	10	U
p-Chloro-m-cresol	ND	9.7	U	ND	9.6	U	ND	10	U
p-Nitrophenol	ND	48.5	U	ND	48.1	U	ND	50	U
PCP				ND	48.1	U	ND	50	U
Phenanthrene				ND	9.6	U	ND	10	U
Phenol	ND	9.7	U	ND	9.6	U	ND	10	U
Pyrene				ND	9.6	U	ND	10	U

EM - 2001 Groundwater Data: Semi - VOCs
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-18 Date:04/12/01 Depth: 30			Well ID:076-18 Date:05/03/01 Depth: 30			Well ID:076-18 Date:07/24/01 Depth: 30		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,2,4-Trichlorobenzene*	ND	10	U	ND	10	U	ND	9.8	U
2,4,5-Trichlorophenol				ND	10	U	ND	9.8	U
2,4,6-Trichlorophenol	ND	10	U	ND	10	U	ND	9.8	U
2,4-Dichlorophenol	ND	10	U	ND	10	U	ND	9.8	U
2,4-Dimethylphenol	ND	10	U	ND	10	U	ND	9.8	U
2,4-Dinitrophenol	ND	25	U	ND	50	U	ND	49	U
2,4-Dinitrotoluene	ND	10	U	ND	10	U	ND	9.8	U
2,6-Dinitrotoluene	ND	10	U	ND	10	U	ND	9.8	U
2-Chloronaphthalene	ND	10	U	ND	10	U	ND	9.8	U
2-Chlorophenol	ND	10	U	ND	10	U	ND	9.8	U
2-Methylnaphthalene				ND	1	U	ND	.98	U
3,3'-Dichlorobenzidine	ND	10	U	ND	40	U	ND	39.2	U
4,6-Dinitro-o-cresol	ND	25	U	ND	50	U	ND	49	U
4-Bromophenyl phenyl ether	ND	10	U	ND	10	U	ND	9.8	U
4-Chlorophenyl phenyl ether	ND	10	U	ND	10	U	ND	9.8	U
Acenaphthene	ND	10	U	ND	10	U	ND	9.8	U
Acenaphthylene	ND	10	U	ND	10	U	ND	9.8	U
Anthracene	ND	10	U	ND	10	U	ND	9.8	U
Benzidine	ND	80	U	ND	50	U	ND	49	U
Benzo(a)anthracene	ND	10	U	ND	10	U	ND	9.8	U
Benzo(a)pyrene	ND	10	U	ND	10	U	ND	9.8	U
Benzo(b)fluoranthene	ND	10	U	ND	10	U	ND	9.8	U
Benzo(ghi)perylene	ND	10	U	ND	10	U	ND	9.8	U
Benzo(k)fluoranthene	ND	10	U	ND	10	U	ND	9.8	U
Bis(2-chloroethoxy)methane	ND	10	U	ND	10	U	ND	9.8	U
Bis(2-chloroethyl)ether	ND	10	U	ND	10	U	ND	9.8	U
Bis(2-ethylhexyl)phthalate	51	10	B	ND	10	U	ND	9.8	U
bis-chloroisopropyl ether	ND	10	U	ND	10	U	ND	9.8	U
Butyl benzyl phthalate	ND	10	U	ND	10	U	ND	9.8	U
Chrysene	ND	10	U	ND	10	U	ND	9.8	U
Di-n-butyl phthalate	ND	10	U	ND	10	U	ND	9.8	U
Di-n-octyl phthalate	ND	10	U	ND	10	U	ND	9.8	U
Dibenzo(a,h)anthracene	ND	10	U	ND	10	U	ND	9.8	U
Dibenzofuran				ND	10	U	ND	9.8	U
Diethyl phthalate	ND	10	U	ND	10	U	ND	9.8	U
Dimethyl phthalate	ND	10	U	ND	10	U	ND	9.8	U
Fluoranthene	ND	10	U	ND	10	U	ND	9.8	U
Fluorene	ND	10	U	ND	10	U	ND	9.8	U
Hexachlorobenzene	ND	10	U	ND	10	U	ND	9.8	U
Hexachlorobutadiene*	ND	10	U	ND	10	U	ND	9.8	U
Hexachlorocyclopentadiene	ND	10	U	ND	10	U	ND	9.8	U
Hexachloroethane	ND	10	U	ND	10	U	ND	9.8	U
Indeno(1,2,3-cd)pyrene	ND	10	U	ND	10	U	ND	9.8	U
Isophorone	ND	10	U	ND	10	U	ND	9.8	U
N-Nitrosodimethylamine	ND	10	U	ND	10	U	ND	9.8	U
N-Nitrosodiphenylamine	ND	10	U						
N-Nitrosodipropylamine	ND	10	U	ND	10	U	ND	9.8	U
Naphthalene*	ND	10	U	ND	10	U	ND	9.8	U
Nitrobenzene	ND	10	U	ND	10	U	ND	9.8	U
o-Nitrophenol	ND	25	U	ND	10	U	ND	9.8	U
p-Chloro-m-cresol	ND	10	U	ND	10	U	ND	9.8	U
p-Nitrophenol	ND	25	U	ND	50	U	ND	49	U
PCP	ND	25	U	ND	50	U	ND	49	U
Phenanthrene	ND	10	U	ND	10	U	ND	9.8	U
Phenol	ND	10	U	ND	10	U	ND	9.8	U
Pyrene	ND	10	U	ND	10	U	ND	9.8	U

EM - 2001 Groundwater Data: Semi - VOCs
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-18 Date:10/09/01 Depth: 30			Well ID:076-18 Date:11/07/01 Depth: 30			Well ID:076-19 Date:01/29/01 Depth: 30		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,2,4-Trichlorobenzene*	ND	10	U	ND	9.6	U	ND	10	U
2,4,5-Trichlorophenol				ND	9.6	U	ND	10	U
2,4,6-Trichlorophenol	ND	10	U	ND	9.6	U	ND	10	U
2,4-Dichlorophenol	ND	10	U	ND	9.6	U	ND	10	U
2,4-Dimethylphenol	ND	10	U	ND	9.6	U	ND	10	U
2,4-Dinitrophenol	ND	25	U	ND	48.1	U	ND	50	U
2,4-Dinitrotoluene	ND	10	U	ND	9.6	U	ND	10	U
2,6-Dinitrotoluene	ND	10	U	ND	9.6	U	ND	10	U
2-Chloronaphthalene	ND	10	U	ND	9.6	U	ND	10	U
2-Chlorophenol	ND	10	U	ND	9.6	U	ND	10	U
2-Methylnaphthalene				ND	.96	U	ND	10	U
3,3'-Dichlorobenzidine	ND	20	U	ND	38.5	U	ND	40	U
4,6-Dinitro-o-cresol	ND	25	U	ND	48.1	U	ND	50	U
4-Bromophenyl phenyl ether	ND	10	U	ND	9.6	U	ND	10	U
4-Chlorophenyl phenyl ether	ND	10	U	ND	9.6	U	ND	10	U
Acenaphthene	ND	10	U	ND	9.6	U	ND	10	U
Acenaphthylene	ND	10	U	ND	9.6	U	ND	10	U
Anthracene	ND	10	U	ND	9.6	U	ND	10	U
Benzidine				ND	48.1	U	ND	10	U
Benzo(a)anthracene	ND	10	U	ND	9.6	U	ND	10	U
Benzo(a)pyrene	ND	10	U	ND	9.6	U	ND	10	U
Benzo(b)fluoranthene	ND	10	U	ND	9.6	U	ND	10	U
Benzo(ghi)perylene	ND	10	U	ND	9.6	U	ND	10	U
Benzo(k)fluoranthene	ND	10	U	ND	9.6	U	ND	10	U
Bis(2-chloroethoxy)methane	ND	10	U	ND	9.6	U	ND	10	U
Bis(2-chloroethyl)ether	ND	10	U	ND	9.6	U	ND	10	U
Bis(2-ethylhexyl)phthalate	ND	10	U	ND	9.6	U	ND	10	U
bis-chloroisopropyl ether	ND	10	U	ND	9.6	U	ND	10	U
Butyl benzyl phthalate	ND	10	U	ND	9.6	U	ND	10	U
Chrysene	ND	10	U	ND	9.6	U	ND	10	U
Di-n-butyl phthalate	ND	10	U	ND	9.6	U	ND	10	U
Di-n-octyl phthalate	ND	10	U	ND	9.6	U	ND	10	U
Dibenzo(a,h)anthracene	ND	10	U	ND	9.6	U	ND	10	U
Dibenzofuran				ND	9.6	U	ND	10	U
Diethyl phthalate	ND	10	U	ND	9.6	U	ND	10	U
Dimethyl phthalate	ND	10	U	ND	9.6	U	ND	10	U
Fluoranthene	ND	10	U	ND	9.6	U	ND	10	U
Fluorene	ND	10	U	ND	9.6	U	ND	10	U
Hexachlorobenzene	ND	10	U	ND	9.6	U	ND	10	U
Hexachlorobutadiene*	ND	10	U	ND	9.6	U	ND	10	U
Hexachlorocyclopentadiene	ND	10	U	ND	9.6	U	ND	10	U
Hexachloroethane	ND	10	U	ND	9.6	U	ND	10	U
Indeno(1,2,3-cd)pyrene	ND	10	U	ND	9.6	U	ND	10	U
Isophorone	ND	10	U	ND	9.6	U	ND	10	U
N-Nitrosodimethylamine	ND	10	U	ND	9.6	U	ND	10	U
N-Nitrosodiphenylamine	ND	10	U						
N-Nitrosodipropylamine	ND	10	U	ND	9.6	U	ND	10	U
Naphthalene*	ND	10	U	ND	9.6	U	ND	10	U
Nitrobenzene	ND	10	U	ND	9.6	U	ND	10	U
o-Nitrophenol	ND	25	U	ND	9.6	U	ND	10	U
p-Chloro-m-cresol	ND	10	U	ND	9.6	U	ND	10	U
p-Nitrophenol	ND	25	U	ND	48.1	U	ND	50	U
PCP	ND	25	U	ND	48.1	U	ND	50	U
Phenanthrene	ND	10	U	ND	9.6	U	ND	10	U
Phenol	ND	10	U	ND	9.6	U	ND	10	U
Pyrene	ND	10	U	ND	9.6	U	ND	10	U

EM - 2001 Groundwater Data: Semi - VOCs
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-19 Date:04/12/01 Depth: 30			Well ID:076-19 Date:05/03/01 Depth: 30			Well ID:076-19 Date:07/24/01 Depth: 30		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,2,4-Trichlorobenzene*	ND	10	U	ND	11.4	U	ND	9.6	U
2,4,5-Trichlorophenol				ND	11.4	U	ND	9.6	U
2,4,6-Trichlorophenol	ND	10	U	ND	11.4	U	ND	9.6	U
2,4-Dichlorophenol	ND	10	U	ND	11.4	U	ND	9.6	U
2,4-Dimethylphenol	ND	10	U	ND	11.4	U	ND	9.6	U
2,4-Dinitrophenol	ND	25	U	ND	56.8	U	ND	48.1	U
2,4-Dinitrotoluene	ND	10	U	ND	11.4	U	ND	9.6	U
2,6-Dinitrotoluene	ND	10	U	ND	11.4	U	ND	9.6	U
2-Chloronaphthalene	ND	10	U	ND	11.4	U	ND	9.6	U
2-Chlorophenol	ND	10	U	ND	11.4	U	ND	9.6	U
2-Methylnaphthalene				ND	1.1	U	ND	.96	U
3,3'-Dichlorobenzidine	ND	10	U	ND	45.4	U	ND	38.5	U
4,6-Dinitro-o-cresol	ND	25	U	ND	56.8	U	ND	48.1	U
4-Bromophenyl phenyl ether	ND	10	U	ND	11.4	U	ND	9.6	U
4-Chlorophenyl phenyl ether	ND	10	U	ND	11.4	U	ND	9.6	U
Acenaphthene	ND	10	U	ND	11.4	U	ND	9.6	U
Acenaphthylene	ND	10	U	ND	11.4	U	ND	9.6	U
Anthracene	ND	10	U	ND	11.4	U	ND	9.6	U
Benzidine	ND	80	U	ND	56.8	U	ND	48.1	U
Benzo(a)anthracene	ND	10	U	ND	11.4	U	ND	9.6	U
Benzo(a)pyrene	ND	10	U	ND	11.4	U	ND	9.6	U
Benzo(b)fluoranthene	ND	10	U	ND	11.4	U	ND	9.6	U
Benzo(ghi)perylene	ND	10	U	ND	11.4	U	ND	9.6	U
Benzo(k)fluoranthene	ND	10	U	ND	11.4	U	ND	9.6	U
Bis(2-chloroethoxy)methane	ND	10	U	ND	11.4	U	ND	9.6	U
Bis(2-chloroethyl)ether	ND	10	U	ND	11.4	U	ND	9.6	U
Bis(2-ethylhexyl)phthalate	120	10	BD	ND	11.4	U	ND	9.6	U
bis-chloroisopropyl ether	ND	10	U	ND	11.4	U	ND	9.6	U
Butyl benzyl phthalate	ND	10	U	ND	11.4	U	ND	9.6	U
Chrysene	ND	10	U	ND	11.4	U	ND	9.6	U
Di-n-butyl phthalate	ND	10	U	ND	11.4	U	ND	9.6	U
Di-n-octyl phthalate	2	10	J	ND	11.4	U	ND	9.6	U
Dibenzo(a,h)anthracene	ND	10	U	ND	11.4	U	ND	9.6	U
Dibenzofuran				ND	11.4	U	ND	9.6	U
Diethyl phthalate	ND	10	U	ND	11.4	U	ND	9.6	U
Dimethyl phthalate	ND	10	U	ND	11.4	U	ND	9.6	U
Fluoranthene	ND	10	U	ND	11.4	U	ND	9.6	U
Fluorene	ND	10	U	ND	11.4	U	ND	9.6	U
Hexachlorobenzene	ND	10	U	ND	11.4	U	ND	9.6	U
Hexachlorobutadiene*	ND	10	U	ND	11.4	U	ND	9.6	U
Hexachlorocyclopentadiene	ND	10	U	ND	11.4	U	ND	9.6	U
Hexachloroethane	ND	10	U	ND	11.4	U	ND	9.6	U
Indeno(1,2,3-cd)pyrene	ND	10	U	ND	11.4	U	ND	9.6	U
Isophorone	ND	10	U	ND	11.4	U	ND	9.6	U
N-Nitrosodimethylamine	ND	10	U	ND	11.4	U	ND	9.6	U
N-Nitrosodiphenylamine	ND	10	U						
N-Nitrosodipropylamine	ND	10	U	ND	11.4	U	ND	9.6	U
Naphthalene*	ND	10	U	ND	11.4	U	ND	9.6	U
Nitrobenzene	ND	10	U	ND	11.4	U	ND	9.6	U
o-Nitrophenol	ND	25	U	ND	11.4	U	ND	9.6	U
p-Chloro-m-cresol	ND	10	U	ND	11.4	U	ND	9.6	U
p-Nitrophenol	ND	25	U	ND	56.8	U	ND	48.1	U
PCP	ND	25	U	ND	56.8	U	ND	48.1	U
Phenanthrene	ND	10	U	ND	11.4	U	ND	9.6	U
Phenol	ND	10	U	ND	11.4	U	ND	9.6	U
Pyrene	ND	10	U	ND	11.4	U	ND	9.6	U

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Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-19 Date:10/09/01 Depth: 30			Well ID:076-19 Date:11/07/01 Depth: 30			Well ID:076-21 Date:01/29/01 Depth: 35		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,2,4-Trichlorobenzene*	ND	10	U	ND	9.9	U	ND	10	U
2,4,5-Trichlorophenol				ND	9.9	U	ND	10	U
2,4,6-Trichlorophenol	ND	10	U	ND	9.9	U	ND	10	U
2,4-Dichlorophenol	ND	10	U	ND	9.9	U	ND	10	U
2,4-Dimethylphenol	ND	10	U	ND	9.9	U	ND	10	U
2,4-Dinitrophenol	ND	25	U	ND	49.5	U	ND	50	U
2,4-Dinitrotoluene	ND	10	U	ND	9.9	U	ND	10	U
2,6-Dinitrotoluene	ND	10	U	ND	9.9	U	ND	10	U
2-Chloronaphthalene	ND	10	U	ND	9.9	U	ND	10	U
2-Chlorophenol	ND	10	U	ND	9.9	U	ND	10	U
2-Methylnaphthalene				ND	.99	U	ND	10	U
3,3'-Dichlorobenzidine	ND	20	U	ND	39.6	U	ND	40	U
4,6-Dinitro-o-cresol	ND	25	U	ND	49.5	U	ND	50	U
4-Bromophenyl phenyl ether	ND	10	U	ND	9.9	U	ND	10	U
4-Chlorophenyl phenyl ether	ND	10	U	ND	9.9	U	ND	10	U
Acenaphthene	ND	10	U	ND	9.9	U	ND	10	U
Acenaphthylene	ND	10	U	ND	9.9	U	ND	10	U
Anthracene	ND	10	U	ND	9.9	U	ND	10	U
Benzidine				ND	49.5	U	ND	10	U
Benzo(a)anthracene	ND	10	U	ND	9.9	U	ND	10	U
Benzo(a)pyrene	ND	10	U	ND	9.9	U	ND	10	U
Benzo(b)fluoranthene	ND	10	U	ND	9.9	U	ND	10	U
Benzo(ghi)perylene	ND	10	U	ND	9.9	U	ND	10	U
Benzo(k)fluoranthene	ND	10	U	ND	9.9	U	ND	10	U
Bis(2-chloroethoxy)methane	ND	10	U	ND	9.9	U	ND	10	U
Bis(2-chloroethyl)ether	ND	10	U	ND	9.9	U	ND	10	U
Bis(2-ethylhexyl)phthalate	ND	10	U	ND	9.9	U	ND	10	U
bis-chloroisopropyl ether	ND	10	U	ND	9.9	U	ND	10	U
Butyl benzyl phthalate	ND	10	U	ND	9.9	U	ND	10	U
Chrysene	ND	10	U	ND	9.9	U	ND	10	U
Di-n-butyl phthalate	3	10	J	ND	9.9	U	ND	10	U
Di-n-octyl phthalate	ND	10	U	ND	9.9	U	ND	10	U
Dibenzo(a,h)anthracene	ND	10	U	ND	9.9	U	ND	10	U
Dibenzofuran				ND	9.9	U	ND	10	U
Diethyl phthalate	ND	10	U	ND	9.9	U	ND	10	U
Dimethyl phthalate	ND	10	U	ND	9.9	U	ND	10	U
Fluoranthene	ND	10	U	ND	9.9	U	ND	10	U
Fluorene	ND	10	U	ND	9.9	U	ND	10	U
Hexachlorobenzene	ND	10	U	ND	9.9	U	ND	10	U
Hexachlorobutadiene*	ND	10	U	ND	9.9	U	ND	10	U
Hexachlorocyclopentadiene	ND	10	U	ND	9.9	U	ND	10	U
Hexachloroethane	ND	10	U	ND	9.9	U	ND	10	U
Indeno(1,2,3-cd)pyrene	ND	10	U	ND	9.9	U	ND	10	U
Isophorone	ND	10	U	ND	9.9	U	ND	10	U
N-Nitrosodimethylamine	ND	10	U	ND	9.9	U	ND	10	U
N-Nitrosodiphenylamine	ND	10	U						
N-Nitrosodipropylamine	ND	10	U	ND	9.9	U	ND	10	U
Naphthalene*	ND	10	U	ND	9.9	U	ND	10	U
Nitrobenzene	ND	10	U	ND	9.9	U	ND	10	U
o-Nitrophenol	ND	25	U	ND	9.9	U	ND	10	U
p-Chloro-m-cresol	ND	10	U	ND	9.9	U	ND	10	U
p-Nitrophenol	ND	25	U	ND	49.5	U	ND	50	U
PCP	ND	25	U	ND	49.5	U	ND	50	U
Phenanthrene	ND	10	U	ND	9.9	U	ND	10	U
Phenol	ND	10	U	ND	9.9	U	ND	10	U
Pyrene	ND	10	U	ND	9.9	U	ND	10	U

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Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-21 Date:05/03/01 Depth: 35			Well ID:076-21 Date:07/25/01 Depth: 35			Well ID:076-21 Date:11/07/01 Depth: 35		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,2,4-Trichlorobenzene*	ND	10	UJ	ND	9.7	U	ND	9.7	U
2,4,5-Trichlorophenol	ND	10	UJ	ND	9.7	U	ND	9.7	U
2,4,6-Trichlorophenol	ND	10	UJ	ND	9.7	U	ND	9.7	U
2,4-Dichlorophenol	ND	10	UJ	ND	9.7	U	ND	9.7	U
2,4-Dimethylphenol	ND	10	UJ	ND	9.7	U	ND	9.7	U
2,4-Dinitrophenol	ND	50	UJ	ND	48.5	U	ND	48.3	U
2,4-Dinitrotoluene	ND	10	UJ	ND	9.7	U	ND	9.7	U
2,6-Dinitrotoluene	ND	10	UJ	ND	9.7	U	ND	9.7	U
2-Chloronaphthalene	ND	10	UJ	ND	9.7	U	ND	9.7	U
2-Chlorophenol	ND	10	UJ	ND	9.7	U	ND	9.7	U
2-Methylnaphthalene	ND	1	UJ	ND	.97	U	ND	.97	U
3,3'-Dichlorobenzidine	ND	40	UJ	ND	38.8	U	ND	38.6	U
4,6-Dinitro-o-cresol	ND	50	UJ	ND	48.5	U	ND	48.3	U
4-Bromophenyl phenyl ether	ND	10	UJ	ND	9.7	U	ND	9.7	U
4-Chlorophenyl phenyl ether	ND	10	UJ	ND	9.7	U	ND	9.7	U
Acenaphthene	ND	10	UJ	ND	9.7	U	ND	9.7	U
Acenaphthylene	ND	10	UJ	ND	9.7	U	ND	9.7	U
Anthracene	ND	10	UJ	ND	9.7	U	ND	9.7	U
Benzidine	ND	50	UJ	ND	48.5	U	ND	48.3	U
Benzo(a)anthracene	ND	10	UJ	ND	9.7	U	ND	9.7	U
Benzo(a)pyrene	ND	10	UJ	ND	9.7	U	ND	9.7	U
Benzo(b)fluoranthene	ND	10	UJ	ND	9.7	U	ND	9.7	U
Benzo(ghi)perylene	ND	10	UJ	ND	9.7	U	ND	9.7	U
Benzo(k)fluoranthene	ND	10	UJ	ND	9.7	U	ND	9.7	U
Bis(2-chloroethoxy)methane	ND	10	UJ	ND	9.7	U	ND	9.7	U
Bis(2-chloroethyl)ether	ND	10	UJ	ND	9.7	U	ND	9.7	U
Bis(2-ethylhexyl)phthalate	ND	10	UJ	ND	9.7	U	.3	9.7	J
bis-chloroisopropyl ether	ND	10	UJ	ND	9.7	U	ND	9.7	U
Butyl benzyl phthalate	ND	10	UJ	ND	9.7	U	ND	9.7	U
Chrysene	ND	10	UJ	ND	9.7	U	ND	9.7	U
Di-n-butyl phthalate	ND	10	UJ	ND	9.7	U	ND	9.7	U
Di-n-octyl phthalate	ND	10	UJ	ND	9.7	U	ND	9.7	U
Dibenzo(a,h)anthracene	ND	10	UJ	ND	9.7	U	ND	9.7	U
Dibenzofuran	ND	10	UJ	ND	9.7	U	ND	9.7	U
Diethyl phthalate	ND	10	UJ	ND	9.7	U	ND	9.7	U
Dimethyl phthalate	ND	10	UJ	ND	9.7	U	ND	9.7	U
Fluoranthene	ND	10	UJ	ND	9.7	U	ND	9.7	U
Fluorene	ND	10	UJ	ND	9.7	U	ND	9.7	U
Hexachlorobenzene	ND	10	UJ	ND	9.7	U	ND	9.7	U
Hexachlorobutadiene*	ND	10	UJ	ND	9.7	U	ND	9.7	U
Hexachlorocyclopentadiene	ND	10	UJ	ND	9.7	U	ND	9.7	U
Hexachloroethane	ND	10	UJ	ND	9.7	U	ND	9.7	U
Indeno(1,2,3-cd)pyrene	ND	10	UJ	ND	9.7	U	ND	9.7	U
Isophorone	ND	10	UJ	ND	9.7	U	ND	9.7	U
N-Nitrosodimethylamine	ND	10	UJ	ND	9.7	U	ND	9.7	U
N-Nitrosodiphenylamine									
N-Nitrosodipropylamine	ND	10	UJ	ND	9.7	U	ND	9.7	U
Naphthalene*	ND	10	UJ	ND	9.7	U	ND	9.7	U
Nitrobenzene	ND	10	UJ	ND	9.7	U	ND	9.7	U
o-Nitrophenol	ND	10	UJ	ND	9.7	U	ND	9.7	U
p-Chloro-m-cresol	ND	10	UJ	ND	9.7	U	ND	9.7	U
p-Nitrophenol	ND	50	UJ	ND	48.5	U	ND	48.3	U
PCP	ND	50	UJ	ND	48.5	U	ND	48.3	U
Phenanthrene	ND	10	UJ	ND	9.7	U	ND	9.7	U
Phenol	ND	10	UJ	ND	9.7	U	ND	9.7	U
Pyrene	ND	10	UJ	ND	9.7	U	ND	9.7	U

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Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-22 Date:01/31/01 Depth: 57			Well ID:076-22 Date:05/09/01 Depth: 57			Well ID:076-22 Date:07/25/01 Depth: 57		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,2,4-Trichlorobenzene*	ND	10	U	ND	9.7	U	ND	9.7	U
2,4,5-Trichlorophenol	ND	10	U	ND	9.7	U	ND	9.7	U
2,4,6-Trichlorophenol	ND	10	U	ND	9.7	U	ND	9.7	U
2,4-Dichlorophenol	ND	10	U	ND	9.7	U	ND	9.7	U
2,4-Dimethylphenol	ND	10	U	ND	9.7	U	ND	9.7	U
2,4-Dinitrophenol	ND	50	U	ND	48.5	U	ND	48.5	U
2,4-Dinitrotoluene	ND	10	U	ND	9.7	U	ND	9.7	U
2,6-Dinitrotoluene	ND	10	U	ND	9.7	U	ND	9.7	U
2-Chloronaphthalene	ND	10	U	ND	9.7	U	ND	9.7	U
2-Chlorophenol	ND	10	U	ND	9.7	U	ND	9.7	U
2-Methylnaphthalene	ND	10	U	ND	.97	U	ND	.97	U
3,3'-Dichlorobenzidine	ND	40	U	ND	38.8	U	ND	38.8	U
4,6-Dinitro-o-cresol	ND	50	U	ND	48.5	U	ND	48.5	U
4-Bromophenyl phenyl ether	ND	10	U	ND	9.7	U	ND	9.7	U
4-Chlorophenyl phenyl ether	ND	10	U	ND	9.7	U	ND	9.7	U
Acenaphthene	ND	10	U	ND	9.7	U	ND	9.7	U
Acenaphthylene	ND	10	U	ND	9.7	U	ND	9.7	U
Anthracene	ND	10	U	ND	9.7	U	ND	9.7	U
Benzidine	ND	10	U	ND	48.5	U	ND	48.5	U
Benzo(a)anthracene	ND	10	U	ND	9.7	U	ND	9.7	U
Benzo(a)pyrene	ND	10	U	ND	9.7	U	ND	9.7	U
Benzo(b)fluoranthene	ND	10	U	ND	9.7	U	ND	9.7	U
Benzo(ghi)perylene	ND	10	U	ND	9.7	U	ND	9.7	U
Benzo(k)fluoranthene	ND	10	U	ND	9.7	U	ND	9.7	U
Bis(2-chloroethoxy)methane	ND	10	U	ND	9.7	U	ND	9.7	U
Bis(2-chloroethyl)ether	ND	10	U	ND	9.7	U	ND	9.7	U
Bis(2-ethylhexyl)phthalate	ND	10	U	ND	9.7	U	ND	9.7	U
bis-chloroisopropyl ether	ND	10	U	ND	9.7	U	ND	9.7	U
Butyl benzyl phthalate	ND	10	U	ND	9.7	U	ND	9.7	U
Chrysene	ND	10	U	ND	9.7	U	ND	9.7	U
Di-n-butyl phthalate	ND	10	U	ND	9.7	U	ND	9.7	U
Di-n-octyl phthalate	ND	10	U	ND	9.7	U	ND	9.7	U
Dibenzo(a,h)anthracene	ND	10	U	ND	9.7	U	ND	9.7	U
Dibenzofuran	ND	10	U	ND	9.7	U	ND	9.7	U
Diethyl phthalate	ND	10	U	ND	9.7	U	ND	9.7	U
Dimethyl phthalate	ND	10	U	ND	9.7	U	ND	9.7	U
Fluoranthene	ND	10	U	ND	9.7	U	ND	9.7	U
Fluorene	ND	10	U	ND	9.7	U	ND	9.7	U
Hexachlorobenzene	ND	10	U	ND	9.7	U	ND	9.7	U
Hexachlorobutadiene*	ND	10	U	ND	9.7	U	ND	9.7	U
Hexachlorocyclopentadiene	ND	10	U	ND	9.7	U	ND	9.7	U
Hexachloroethane	ND	10	U	ND	9.7	U	ND	9.7	U
Indeno(1,2,3-cd)pyrene	ND	10	U	ND	9.7	U	ND	9.7	U
Isophorone	ND	10	U	ND	9.7	U	ND	9.7	U
N-Nitrosodimethylamine	ND	10	U	ND	9.7	U	ND	9.7	U
N-Nitrosodiphenylamine									
N-Nitrosodipropylamine	ND	10	U	ND	9.7	U	ND	9.7	U
Naphthalene*	ND	10	U	ND	9.7	U	ND	9.7	U
Nitrobenzene	ND	10	U	ND	9.7	U	ND	9.7	U
o-Nitrophenol	ND	10	U	ND	9.7	U	ND	9.7	U
p-Chloro-m-cresol	ND	10	U	ND	9.7	U	ND	9.7	U
p-Nitrophenol	ND	50	U	ND	48.5	U	ND	48.5	U
PCP	ND	50	U	ND	48.5	U	ND	48.5	U
Phenanthrene	ND	10	U	ND	9.7	U	ND	9.7	U
Phenol	ND	10	U	ND	9.7	U	ND	9.7	U
Pyrene	ND	10	U	ND	9.7	U	ND	9.7	U

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Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-22 Date:11/07/01 Depth: 57			Well ID:076-23 Date:01/26/01 Depth: 39			Well ID:076-23 Date:05/03/01 Depth: 39		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,2,4-Trichlorobenzene*	ND	9.7	U	ND	10	U	ND	10	U
2,4,5-Trichlorophenol	ND	9.7	U	ND	10	U	ND	10	U
2,4,6-Trichlorophenol	ND	9.7	U	ND	10	U	ND	10	U
2,4-Dichlorophenol	ND	9.7	U	ND	10	U	ND	10	U
2,4-Dimethylphenol	ND	9.7	U	ND	10	U	ND	10	U
2,4-Dinitrophenol	ND	48.5	U	ND	50	U	ND	50	U
2,4-Dinitrotoluene	ND	9.7	U	ND	10	U	ND	10	U
2,6-Dinitrotoluene	ND	9.7	U	ND	10	U	ND	10	U
2-Chloronaphthalene	ND	9.7	U	ND	10	U	ND	10	U
2-Chlorophenol	ND	9.7	U	ND	10	U	ND	10	U
2-Methylnaphthalene	ND	.97	U	ND	10	U	ND	1	U
3,3'-Dichlorobenzidine	ND	38.8	U	ND	40	U	ND	40	U
4,6-Dinitro-o-cresol	ND	48.5	U	ND	50	U	ND	50	U
4-Bromophenyl phenyl ether	ND	9.7	U	ND	10	U	ND	10	U
4-Chlorophenyl phenyl ether	ND	9.7	U	ND	10	U	ND	10	U
Acenaphthene	ND	9.7	U	ND	10	U	ND	10	U
Acenaphthylene	ND	9.7	U	ND	10	U	ND	10	U
Anthracene	ND	9.7	U	ND	10	U	ND	10	U
Benzidine	ND	48.5	U	ND	10	U	ND	50	U
Benzo(a)anthracene	ND	9.7	U	ND	10	U	ND	10	U
Benzo(a)pyrene	ND	9.7	U	ND	10	U	ND	10	U
Benzo(b)fluoranthene	ND	9.7	U	ND	10	U	ND	10	U
Benzo(ghi)perylene	ND	9.7	U	ND	10	U	ND	10	U
Benzo(k)fluoranthene	ND	9.7	U	ND	10	U	ND	10	U
Bis(2-chloroethoxy)methane	ND	9.7	U	ND	10	U	ND	10	U
Bis(2-chloroethyl)ether	ND	9.7	U	ND	10	U	ND	10	U
Bis(2-ethylhexyl)phthalate	.22	9.7	J	ND	10	U	ND	10	U
bis-chloroisopropyl ether	ND	9.7	U	ND	10	U	ND	10	U
Butyl benzyl phthalate	ND	9.7	U	ND	10	U	ND	10	U
Chrysene	ND	9.7	U	ND	10	U	ND	10	U
Di-n-butyl phthalate	ND	9.7	U	ND	10	U	ND	10	U
Di-n-octyl phthalate	ND	9.7	U	ND	10	U	ND	10	U
Dibenzo(a,h)anthracene	ND	9.7	U	ND	10	U	ND	10	U
Dibenzofuran	ND	9.7	U	ND	10	U	ND	10	U
Diethyl phthalate	ND	9.7	U	ND	10	U	ND	10	U
Dimethyl phthalate	ND	9.7	U	ND	10	U	ND	10	U
Fluoranthene	ND	9.7	U	ND	10	U	ND	10	U
Fluorene	ND	9.7	U	ND	10	U	ND	10	U
Hexachlorobenzene	ND	9.7	U	ND	10	U	ND	10	U
Hexachlorobutadiene*	ND	9.7	U	ND	10	U	ND	10	U
Hexachlorocyclopentadiene	ND	9.7	U	ND	10	U	ND	10	U
Hexachloroethane	ND	9.7	U	ND	10	U	ND	10	U
Indeno(1,2,3-cd)pyrene	ND	9.7	U	ND	10	U	ND	10	U
Isophorone	ND	9.7	U	ND	10	U	ND	10	U
N-Nitrosodimethylamine	ND	9.7	U	ND	10	U	ND	10	U
N-Nitrosodiphenylamine									
N-Nitrosodipropylamine	ND	9.7	U	ND	10	U	ND	10	U
Naphthalene*	ND	9.7	U	ND	10	U	ND	10	U
Nitrobenzene	ND	9.7	U	ND	10	U	ND	10	U
o-Nitrophenol	ND	9.7	U	ND	10	U	ND	10	U
p-Chloro-m-cresol	ND	9.7	U	ND	10	U	ND	10	U
p-Nitrophenol	ND	48.5	U	ND	50	U	ND	50	U
PCP	ND	48.5	U	ND	50	U	ND	50	U
Phenanthrene	ND	9.7	U	ND	10	U	ND	10	U
Phenol	ND	9.7	U	ND	10	U	ND	10	U
Pyrene	ND	9.7	U	ND	10	U	ND	10	U

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Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-23 Date:07/25/01 Depth: 39			Well ID:076-23 Date:11/07/01 Depth: 39			Well ID:076-178 Date:01/30/01 Depth: 25		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,2,4-Trichlorobenzene*	ND	9.7	U	ND	9.7	U	ND	10	U
2,4,5-Trichlorophenol	ND	9.7	U	ND	9.7	U	ND	10	U
2,4,6-Trichlorophenol	ND	9.7	U	ND	9.7	U	ND	10	U
2,4-Dichlorophenol	ND	9.7	U	ND	9.7	U	ND	10	U
2,4-Dimethylphenol	ND	9.7	U	ND	9.7	U	ND	10	U
2,4-Dinitrophenol	ND	48.5	U	ND	48.3	U	ND	50	U
2,4-Dinitrotoluene	ND	9.7	U	ND	9.7	U	ND	10	U
2,6-Dinitrotoluene	ND	9.7	U	ND	9.7	U	ND	10	U
2-Chloronaphthalene	ND	9.7	U	ND	9.7	U	ND	10	U
2-Chlorophenol	ND	9.7	U	ND	9.7	U	ND	10	U
2-Methylnaphthalene	ND	.97	U	ND	.97	U	ND	10	U
3,3'-Dichlorobenzidine				ND	38.6	U	ND	40	U
4,6-Dinitro-o-cresol	ND	48.5	U	ND	48.3	U	ND	50	U
4-Bromophenyl phenyl ether				ND	9.7	U	ND	10	U
4-Chlorophenyl phenyl ether	ND	9.7	U	ND	9.7	U	ND	10	U
Acenaphthene	ND	9.7	U	ND	9.7	U	ND	10	U
Acenaphthylene	ND	9.7	U	ND	9.7	U	ND	10	U
Anthracene				ND	9.7	U	ND	10	U
Benzidine				ND	48.3	U	ND	10	U
Benzo(a)anthracene				ND	9.7	U	ND	10	U
Benzo(a)pyrene				ND	9.7	U	ND	10	U
Benzo(b)fluoranthene				ND	9.7	U	ND	10	U
Benzo(ghi)perylene				ND	9.7	U	ND	10	U
Benzo(k)fluoranthene				ND	9.7	U	ND	10	U
Bis(2-chloroethoxy)methane	ND	9.7	U	ND	9.7	U	ND	10	U
Bis(2-chloroethyl)ether	ND	9.7	U	ND	9.7	U	ND	10	U
Bis(2-ethylhexyl)phthalate				ND	9.7	U	ND	10	U
bis-chloroisopropyl ether	ND	9.7	U	ND	9.7	U	ND	10	U
Butyl benzyl phthalate				ND	9.7	U	ND	10	U
Chrysene				ND	9.7	U	ND	10	U
Di-n-butyl phthalate				ND	9.7	U	ND	10	U
Di-n-octyl phthalate				ND	9.7	U	ND	10	U
Dibenzo(a,h)anthracene				ND	9.7	U	ND	10	U
Dibenzofuran	ND	9.7	U	ND	9.7	U	ND	10	U
Diethyl phthalate	ND	9.7	U	ND	9.7	U	ND	10	U
Dimethyl phthalate	ND	9.7	U	ND	9.7	U	ND	10	U
Fluoranthene				ND	9.7	U	ND	10	U
Fluorene	ND	9.7	U	ND	9.7	U	ND	10	U
Hexachlorobenzene				ND	9.7	U	ND	10	U
Hexachlorobutadiene*	ND	9.7	U	ND	9.7	U	ND	10	U
Hexachlorocyclopentadiene	ND	9.7	U	ND	9.7	U	ND	10	U
Hexachloroethane	ND	9.7	U	ND	9.7	U	ND	10	U
Indeno(1,2,3-cd)pyrene				ND	9.7	U	ND	10	U
Isophorone	ND	9.7	U	ND	9.7	U	ND	10	U
N-Nitrosodimethylamine	ND	9.7	U	ND	9.7	U	ND	10	U
N-Nitrosodiphenylamine									
N-Nitrosodipropylamine	ND	9.7	U	ND	9.7	U	ND	10	U
Naphthalene*	ND	9.7	U	ND	9.7	U	ND	10	U
Nitrobenzene	ND	9.7	U	ND	9.7	U	ND	10	U
o-Nitrophenol	ND	9.7	U	ND	9.7	U	ND	10	U
p-Chloro-m-cresol	ND	9.7	U	ND	9.7	U	ND	10	U
p-Nitrophenol	ND	48.5	U	ND	48.3	U	ND	50	U
PCP				ND	48.3	U	ND	50	U
Phenanthrene				ND	9.7	U	ND	10	U
Phenol	ND	9.7	U	ND	9.7	U	ND	10	U
Pyrene				ND	9.7	U	ND	10	U

EM - 2001 Groundwater Data: Semi - VOCs
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-178 Date:05/09/01 Depth: 25			Well ID:076-178 Date:07/24/01 Depth: 25			Well ID:076-178 Date:11/07/01 Depth: 40		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,2,4-Trichlorobenzene*	ND	9.7	U	ND	9.8	U	ND	9.9	U
2,4,5-Trichlorophenol	ND	9.7	U	ND	9.8	U	ND	9.9	U
2,4,6-Trichlorophenol	ND	9.7	U	ND	9.8	U	ND	9.9	U
2,4-Dichlorophenol	ND	9.7	U	ND	9.8	U	ND	9.9	U
2,4-Dimethylphenol	ND	9.7	U	ND	9.8	U	ND	9.9	U
2,4-Dinitrophenol	ND	48.5	U	ND	49	U	ND	49.5	U
2,4-Dinitrotoluene	ND	9.7	U	ND	9.8	U	ND	9.9	U
2,6-Dinitrotoluene	ND	9.7	U	ND	9.8	U	ND	9.9	U
2-Chloronaphthalene	ND	9.7	U	ND	9.8	U	ND	9.9	U
2-Chlorophenol	ND	9.7	U	ND	9.8	U	ND	9.9	U
2-Methylnaphthalene	ND	.97	U	ND	.98	U	ND	.99	U
3,3'-Dichlorobenzidine	ND	38.8	U	ND	39.2	U	ND	39.6	U
4,6-Dinitro-o-cresol	ND	48.5	U	ND	49	U	ND	49.5	U
4-Bromophenyl phenyl ether	ND	9.7	U	ND	9.8	U	ND	9.9	U
4-Chlorophenyl phenyl ether	ND	9.7	U	ND	9.8	U	ND	9.9	U
Acenaphthene	ND	9.7	U	ND	9.8	U	ND	9.9	U
Acenaphthylene	ND	9.7	U	ND	9.8	U	ND	9.9	U
Anthracene	ND	9.7	U	ND	9.8	U	ND	9.9	U
Benzidine	ND	48.5	U	ND	49	U	ND	49.5	U
Benzo(a)anthracene	ND	9.7	U	ND	9.8	U	ND	9.9	U
Benzo(a)pyrene	ND	9.7	U	ND	9.8	U	ND	9.9	U
Benzo(b)fluoranthene	ND	9.7	U	ND	9.8	U	ND	9.9	U
Benzo(ghi)perylene	ND	9.7	U	ND	9.8	U	ND	9.9	U
Benzo(k)fluoranthene	ND	9.7	U	ND	9.8	U	ND	9.9	U
Bis(2-chloroethoxy)methane	ND	9.7	U	ND	9.8	U	ND	9.9	U
Bis(2-chloroethyl)ether	ND	9.7	U	ND	9.8	U	ND	9.9	U
Bis(2-ethylhexyl)phthalate	ND	9.7	U	ND	9.8	U	.58	9.9	J
bis-chloroisopropyl ether	ND	9.7	U	ND	9.8	U	ND	9.9	U
Butyl benzyl phthalate	ND	9.7	U	ND	9.8	U	ND	9.9	U
Chrysene	ND	9.7	U	ND	9.8	U	ND	9.9	U
Di-n-butyl phthalate	ND	9.7	U	ND	9.8	U	ND	9.9	U
Di-n-octyl phthalate	ND	9.7	U	ND	9.8	U	ND	9.9	U
Dibenzo(a,h)anthracene	ND	9.7	U	ND	9.8	U	ND	9.9	U
Dibenzofuran	ND	9.7	U	ND	9.8	U	ND	9.9	U
Diethyl phthalate	ND	9.7	U	ND	9.8	U	ND	9.9	U
Dimethyl phthalate	ND	9.7	U	ND	9.8	U	ND	9.9	U
Fluoranthene	ND	9.7	U	ND	9.8	U	ND	9.9	U
Fluorene	ND	9.7	U	ND	9.8	U	ND	9.9	U
Hexachlorobenzene	ND	9.7	U	ND	9.8	U	ND	9.9	U
Hexachlorobutadiene*	ND	9.7	U	ND	9.8	U	ND	9.9	U
Hexachlorocyclopentadiene	ND	9.7	U	ND	9.8	U	ND	9.9	U
Hexachloroethane	ND	9.7	U	ND	9.8	U	ND	9.9	U
Indeno(1,2,3-cd)pyrene	ND	9.7	U	ND	9.8	U	ND	9.9	U
Isophorone	ND	9.7	U	ND	9.8	U	ND	9.9	U
N-Nitrosodimethylamine	ND	9.7	U	ND	9.8	U	ND	9.9	U
N-Nitrosodiphenylamine									
N-Nitrosodipropylamine	ND	9.7	U	ND	9.8	U	ND	9.9	U
Naphthalene*	ND	9.7	U	ND	9.8	U	ND	9.9	U
Nitrobenzene	ND	9.7	U	ND	9.8	U	ND	9.9	U
o-Nitrophenol	ND	9.7	U	ND	9.8	U	ND	9.9	U
p-Chloro-m-cresol	ND	9.7	U	ND	9.8	U	ND	9.9	U
p-Nitrophenol	ND	48.5	U	ND	49	U	ND	49.5	U
PCP	ND	48.5	U	ND	49	U	ND	49.5	U
Phenanthrene	ND	9.7	U	ND	9.8	U	ND	9.9	U
Phenol	ND	9.7	U	ND	9.8	U	ND	9.9	U
Pyrene	ND	9.7	U	ND	9.8	U	ND	9.9	U

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Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-179 Date:01/30/01 Depth: 65			Well ID:076-179 Date:05/09/01 Depth: 65			Well ID:076-179 Date:07/24/01 Depth: 65		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,2,4-Trichlorobenzene*	ND	10	U	ND	9.7	U	ND	9.6	U
2,4,5-Trichlorophenol	ND	10	U	ND	9.7	U	ND	9.6	U
2,4,6-Trichlorophenol	ND	10	U	ND	9.7	U	ND	9.6	U
2,4-Dichlorophenol	ND	10	U	ND	9.7	U	ND	9.6	U
2,4-Dimethylphenol	ND	10	U	ND	9.7	U	ND	9.6	U
2,4-Dinitrophenol	ND	50	U	ND	48.5	U	ND	48.1	U
2,4-Dinitrotoluene	ND	10	U	ND	9.7	U	ND	9.6	U
2,6-Dinitrotoluene	ND	10	U	ND	9.7	U	ND	9.6	U
2-Chloronaphthalene	ND	10	U	ND	9.7	U	ND	9.6	U
2-Chlorophenol	ND	10	U	ND	9.7	U	ND	9.6	U
2-Methylnaphthalene	ND	10	U	ND	.97	U	ND	.96	U
3,3'-Dichlorobenzidine	ND	40	U	ND	38.8	U	ND	38.5	U
4,6-Dinitro-o-cresol	ND	50	U	ND	48.5	U	ND	48.1	U
4-Bromophenyl phenyl ether	ND	10	U	ND	9.7	U	ND	9.6	U
4-Chlorophenyl phenyl ether	ND	10	U	ND	9.7	U	ND	9.6	U
Acenaphthene	ND	10	U	ND	9.7	U	ND	9.6	U
Acenaphthylene	ND	10	U	ND	9.7	U	ND	9.6	U
Anthracene	ND	10	U	ND	9.7	U	ND	9.6	U
Benzidine	ND	10	U	ND	48.5	U	ND	48.1	U
Benzo(a)anthracene	ND	10	U	ND	9.7	U	ND	9.6	U
Benzo(a)pyrene	ND	10	U	ND	9.7	U	ND	9.6	U
Benzo(b)fluoranthene	ND	10	U	ND	9.7	U	ND	9.6	U
Benzo(ghi)perylene	ND	10	U	ND	9.7	U	ND	9.6	U
Benzo(k)fluoranthene	ND	10	U	ND	9.7	U	ND	9.6	U
Bis(2-chloroethoxy)methane	ND	10	U	ND	9.7	U	ND	9.6	U
Bis(2-chloroethyl)ether	ND	10	U	ND	9.7	U	ND	9.6	U
Bis(2-ethylhexyl)phthalate	ND	10	U	ND	9.7	U	ND	9.6	U
bis-chloroisopropyl ether	ND	10	U	ND	9.7	U	ND	9.6	U
Butyl benzyl phthalate	ND	10	U	ND	9.7	U	ND	9.6	U
Chrysene	ND	10	U	ND	9.7	U	ND	9.6	U
Di-n-butyl phthalate	ND	10	U	ND	9.7	U	ND	9.6	U
Di-n-octyl phthalate	ND	10	U	ND	9.7	U	ND	9.6	U
Dibenzo(a,h)anthracene	ND	10	U	ND	9.7	U	ND	9.6	U
Dibenzofuran	ND	10	U	ND	9.7	U	ND	9.6	U
Diethyl phthalate	ND	10	U	ND	9.7	U	ND	9.6	U
Dimethyl phthalate	ND	10	U	ND	9.7	U	ND	9.6	U
Fluoranthene	ND	10	U	ND	9.7	U	ND	9.6	U
Fluorene	ND	10	U	ND	9.7	U	ND	9.6	U
Hexachlorobenzene	ND	10	U	ND	9.7	U	ND	9.6	U
Hexachlorobutadiene*	ND	10	U	ND	9.7	U	ND	9.6	U
Hexachlorocyclopentadiene	ND	10	U	ND	9.7	U	ND	9.6	U
Hexachloroethane	ND	10	U	ND	9.7	U	ND	9.6	U
Indeno(1,2,3-cd)pyrene	ND	10	U	ND	9.7	U	ND	9.6	U
Isophorone	ND	10	U	ND	9.7	U	ND	9.6	U
N-Nitrosodimethylamine	ND	10	U	ND	9.7	U	ND	9.6	U
N-Nitrosodiphenylamine									
N-Nitrosodipropylamine	ND	10	U	ND	9.7	U	ND	9.6	U
Naphthalene*	ND	10	U	ND	9.7	U	ND	9.6	U
Nitrobenzene	ND	10	U	ND	9.7	U	ND	9.6	U
o-Nitrophenol	ND	10	U	ND	9.7	U	ND	9.6	U
p-Chloro-m-cresol	ND	10	U	ND	9.7	U	ND	9.6	U
p-Nitrophenol	ND	50	U	ND	48.5	U	ND	48.1	U
PCP	ND	50	U	ND	48.5	U	ND	48.1	U
Phenanthrene	ND	10	U	ND	9.7	U	ND	9.6	U
Phenol	ND	10	U	ND	9.7	U	ND	9.6	U
Pyrene	ND	10	U	ND	9.7	U	ND	9.6	U

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Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-179 Date:11/07/01 Depth: 65			Well ID:076-180 Date:01/30/01 Depth: 25			Well ID:076-180 Date:05/03/01 Depth: 25		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,2,4-Trichlorobenzene*	ND	9.8	U	ND	10	U	ND	9.8	UJ
2,4,5-Trichlorophenol	ND	9.8	U	ND	10	U	ND	9.8	UJ
2,4,6-Trichlorophenol	ND	9.8	U	ND	10	U	ND	9.8	UJ
2,4-Dichlorophenol	ND	9.8	U	ND	10	U	ND	9.8	UJ
2,4-Dimethylphenol	ND	9.8	U	ND	10	U	ND	9.8	UJ
2,4-Dinitrophenol	ND	49	U	ND	50	U	ND	49	UJ
2,4-Dinitrotoluene	ND	9.8	U	ND	10	U	ND	9.8	UJ
2,6-Dinitrotoluene	ND	9.8	U	ND	10	U	ND	9.8	UJ
2-Chloronaphthalene	ND	9.8	U	ND	10	U	ND	9.8	UJ
2-Chlorophenol	ND	9.8	U	ND	10	U	ND	9.8	UJ
2-Methylnaphthalene	ND	.98	U	ND	10	U	ND	.98	UJ
3,3'-Dichlorobenzidine	ND	39.2	U	ND	40	U	ND	39.2	UJ
4,6-Dinitro-o-cresol	ND	49	U	ND	50	U	ND	49	UJ
4-Bromophenyl phenyl ether	ND	9.8	U	ND	10	U	ND	9.8	UJ
4-Chlorophenyl phenyl ether	ND	9.8	U	ND	10	U	ND	9.8	UJ
Acenaphthene	ND	9.8	U	ND	10	U	ND	9.8	UJ
Acenaphthylene	ND	9.8	U	ND	10	U	ND	9.8	UJ
Anthracene	ND	9.8	U	ND	10	U	ND	9.8	UJ
Benzidine	ND	49	U	ND	10	U	ND	49	UJ
Benzo(a)anthracene	ND	9.8	U	ND	10	U	ND	9.8	UJ
Benzo(a)pyrene	ND	9.8	U	ND	10	U	ND	9.8	UJ
Benzo(b)fluoranthene	ND	9.8	U	ND	10	U	ND	9.8	UJ
Benzo(ghi)perylene	ND	9.8	U	ND	10	U	ND	9.8	UJ
Benzo(k)fluoranthene	ND	9.8	U	ND	10	U	ND	9.8	UJ
Bis(2-chloroethoxy)methane	ND	9.8	U	ND	10	U	ND	9.8	UJ
Bis(2-chloroethyl)ether	ND	9.8	U	ND	10	U	ND	9.8	UJ
Bis(2-ethylhexyl)phthalate	.3	9.8	J	ND	10	U	ND	9.8	UJ
bis-chloroisopropyl ether	ND	9.8	U	ND	10	U	ND	9.8	UJ
Butyl benzyl phthalate	ND	9.8	U	ND	10	U	ND	9.8	UJ
Chrysene	ND	9.8	U	ND	10	U	ND	9.8	UJ
Di-n-butyl phthalate	ND	9.8	U	ND	10	U	ND	9.8	UJ
Di-n-octyl phthalate	ND	9.8	U	ND	10	U	ND	9.8	UJ
Dibenzo(a,h)anthracene	ND	9.8	U	ND	10	U	ND	9.8	UJ
Dibenzofuran	ND	9.8	U	ND	10	U	ND	9.8	UJ
Diethyl phthalate	ND	9.8	U	ND	10	U	ND	9.8	UJ
Dimethyl phthalate	ND	9.8	U	ND	10	U	ND	9.8	UJ
Fluoranthene	ND	9.8	U	ND	10	U	ND	9.8	UJ
Fluorene	ND	9.8	U	ND	10	U	ND	9.8	UJ
Hexachlorobenzene	ND	9.8	U	ND	10	U	ND	9.8	UJ
Hexachlorobutadiene*	ND	9.8	U	ND	10	U	ND	9.8	UJ
Hexachlorocyclopentadiene	ND	9.8	U	ND	10	U	ND	9.8	UJ
Hexachloroethane	ND	9.8	U	ND	10	U	ND	9.8	UJ
Indeno(1,2,3-cd)pyrene	ND	9.8	U	ND	10	U	ND	9.8	UJ
Isophorone	ND	9.8	U	ND	10	U	ND	9.8	UJ
N-Nitrosodimethylamine	ND	9.8	U	ND	10	U	ND	9.8	UJ
N-Nitrosodiphenylamine									
N-Nitrosodipropylamine	ND	9.8	U	ND	10	U	ND	9.8	UJ
Naphthalene*	ND	9.8	U	ND	10	U	ND	9.8	UJ
Nitrobenzene	ND	9.8	U	ND	10	U	ND	9.8	UJ
o-Nitrophenol	ND	9.8	U	ND	10	U	ND	9.8	UJ
p-Chloro-m-cresol	ND	9.8	U	ND	10	U	ND	9.8	UJ
p-Nitrophenol	ND	49	U	ND	50	U	ND	49	UJ
PCP	ND	49	U	ND	50	U	ND	49	UJ
Phenanthrene	ND	9.8	U	ND	10	U	ND	9.8	UJ
Phenol	ND	9.8	U	ND	10	U	ND	9.8	UJ
Pyrene	ND	9.8	U	ND	10	U	ND	9.8	UJ

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Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-180 Date:07/25/01 Depth: 25			Well ID:076-180 Date:11/06/01 Depth: 40			Well ID:076-181 Date:01/30/01 Depth: 65		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,2,4-Trichlorobenzene*	ND	9.7	U	ND	9.6	U	ND	10	U
2,4,5-Trichlorophenol	ND	9.7	U	ND	9.6	U	ND	10	U
2,4,6-Trichlorophenol	ND	9.7	U	ND	9.6	U	ND	10	U
2,4-Dichlorophenol	ND	9.7	U	ND	9.6	U	ND	10	U
2,4-Dimethylphenol	ND	9.7	U	ND	9.6	U	ND	10	U
2,4-Dinitrophenol	ND	48.5	U	ND	48.1	U	ND	50	U
2,4-Dinitrotoluene	ND	9.7	U	ND	9.6	U	ND	10	U
2,6-Dinitrotoluene	ND	9.7	U	ND	9.6	U	ND	10	U
2-Chloronaphthalene	ND	9.7	U	ND	9.6	U	ND	10	U
2-Chlorophenol	ND	9.7	U	ND	9.6	U	ND	10	U
2-Methylnaphthalene	ND	.97	U	ND	.96	U	ND	10	U
3,3'-Dichlorobenzidine	ND	38.8	U	ND	38.5	U	ND	40	U
4,6-Dinitro-o-cresol	ND	48.5	U	ND	48.1	U	ND	50	U
4-Bromophenyl phenyl ether	ND	9.7	U	ND	9.6	U	ND	10	U
4-Chlorophenyl phenyl ether	ND	9.7	U	ND	9.6	U	ND	10	U
Acenaphthene	ND	9.7	U	ND	9.6	U	ND	10	U
Acenaphthylene	ND	9.7	U	ND	9.6	U	ND	10	U
Anthracene	ND	9.7	U	ND	9.6	U	ND	10	U
Benzidine	ND	48.5	U	ND	48.1	U	ND	10	U
Benzo(a)anthracene	ND	9.7	U	ND	9.6	U	ND	10	U
Benzo(a)pyrene	ND	9.7	U	ND	9.6	U	ND	10	U
Benzo(b)fluoranthene	ND	9.7	U	ND	9.6	U	ND	10	U
Benzo(ghi)perylene	ND	9.7	U	ND	9.6	U	ND	10	U
Benzo(k)fluoranthene	ND	9.7	U	ND	9.6	U	ND	10	U
Bis(2-chloroethoxy)methane	ND	9.7	U	ND	9.6	U	ND	10	U
Bis(2-chloroethyl)ether	ND	9.7	U	ND	9.6	U	ND	10	U
Bis(2-ethylhexyl)phthalate	ND	9.7	U	.15	9.6	J	5.2	10	J
bis-chloroisopropyl ether	ND	9.7	U	ND	9.6	U	ND	10	U
Butyl benzyl phthalate	ND	9.7	U	ND	9.6	U	ND	10	U
Chrysene	ND	9.7	U	ND	9.6	U	ND	10	U
Di-n-butyl phthalate	ND	9.7	U	ND	9.6	U	ND	10	U
Di-n-octyl phthalate	ND	9.7	U	ND	9.6	U	ND	10	U
Dibenzo(a,h)anthracene	ND	9.7	U	ND	9.6	U	ND	10	U
Dibenzofuran	ND	9.7	U	ND	9.6	U	ND	10	U
Diethyl phthalate	ND	9.7	U	ND	9.6	U	ND	10	U
Dimethyl phthalate	ND	9.7	U	ND	9.6	U	ND	10	U
Fluoranthene	ND	9.7	U	ND	9.6	U	ND	10	U
Fluorene	ND	9.7	U	ND	9.6	U	ND	10	U
Hexachlorobenzene	ND	9.7	U	ND	9.6	U	ND	10	U
Hexachlorobutadiene*	ND	9.7	U	ND	9.6	U	ND	10	U
Hexachlorocyclopentadiene	ND	9.7	U	ND	9.6	U	ND	10	U
Hexachloroethane	ND	9.7	U	ND	9.6	U	ND	10	U
Indeno(1,2,3-cd)pyrene	ND	9.7	U	ND	9.6	U	ND	10	U
Isophorone	ND	9.7	U	ND	9.6	U	ND	10	U
N-Nitrosodimethylamine	ND	9.7	U	ND	9.6	U	ND	10	U
N-Nitrosodiphenylamine									
N-Nitrosodipropylamine	ND	9.7	U	ND	9.6	U	ND	10	U
Naphthalene*	ND	9.7	U	ND	9.6	U	ND	10	U
Nitrobenzene	ND	9.7	U	ND	9.6	U	ND	10	U
o-Nitrophenol	ND	9.7	U	ND	9.6	U	ND	10	U
p-Chloro-m-cresol	ND	9.7	U	ND	9.6	U	ND	10	U
p-Nitrophenol	ND	48.5	U	ND	48.1	U	ND	50	U
PCP	ND	48.5	U	ND	48.1	U	ND	50	U
Phenanthrene	ND	9.7	U	ND	9.6	U	ND	10	U
Phenol	ND	9.7	U	ND	9.6	U	ND	10	U
Pyrene	ND	9.7	U	ND	9.6	U	ND	10	U

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Brookhaven National Laboratory
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	Well ID:076-181 Date:05/03/01 Depth: 65			Well ID:076-181 Date:07/25/01 Depth: 65			Well ID:076-181 Date:11/06/01 Depth: 65		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,2,4-Trichlorobenzene*	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
2,4,5-Trichlorophenol	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
2,4,6-Trichlorophenol	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
2,4-Dichlorophenol	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
2,4-Dimethylphenol	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
2,4-Dinitrophenol	ND	48.5	UJ	ND	48.5	U	ND	48.1	U
2,4-Dinitrotoluene	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
2,6-Dinitrotoluene	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
2-Chloronaphthalene	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
2-Chlorophenol	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
2-Methylnaphthalene	ND	.97	UJ	ND	.97	U	ND	.96	U
3,3'-Dichlorobenzidine	ND	38.8	UJ	ND	38.8	U	ND	38.5	U
4,6-Dinitro-o-cresol	ND	48.5	UJ	ND	48.5	U	ND	48.1	U
4-Bromophenyl phenyl ether	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
4-Chlorophenyl phenyl ether	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
Acenaphthene	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
Acenaphthylene	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
Anthracene	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
Benzidine	ND	48.5	UJ	ND	48.5	U	ND	48.1	U
Benzo(a)anthracene	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
Benzo(a)pyrene	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
Benzo(b)fluoranthene	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
Benzo(ghi)perylene	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
Benzo(k)fluoranthene	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
Bis(2-chloroethoxy)methane	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
Bis(2-chloroethyl)ether	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
Bis(2-ethylhexyl)phthalate	ND	9.7	UJ	ND	9.7	U	.4	9.6	J
bis-chloroisopropyl ether	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
Butyl benzyl phthalate	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
Chrysene	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
Di-n-butyl phthalate	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
Di-n-octyl phthalate	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
Dibenzo(a,h)anthracene	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
Dibenzofuran	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
Diethyl phthalate	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
Dimethyl phthalate	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
Fluoranthene	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
Fluorene	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
Hexachlorobenzene	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
Hexachlorobutadiene*	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
Hexachlorocyclopentadiene	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
Hexachloroethane	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
Indeno(1,2,3-cd)pyrene	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
Isophorone	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
N-Nitrosodimethylamine	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
N-Nitrosodiphenylamine									
N-Nitrosodipropylamine	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
Naphthalene*	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
Nitrobenzene	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
o-Nitrophenol	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
p-Chloro-m-cresol	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
p-Nitrophenol	ND	48.5	UJ	ND	48.5	U	ND	48.1	U
PCP	ND	48.5	UJ	ND	48.5	U	ND	48.1	U
Phenanthrene	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
Phenol	ND	9.7	UJ	ND	9.7	U	ND	9.6	U
Pyrene	ND	9.7	UJ	ND	9.7	U	ND	9.6	U

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Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-182 Date:01/30/01 Depth: 85			Well ID:076-182 Date:05/03/01 Depth: 85			Well ID:076-182 Date:07/25/01 Depth: 85		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,2,4-Trichlorobenzene*	ND	10	U	ND	9.7	UJ	ND	9.7	U
2,4,5-Trichlorophenol	ND	10	U	ND	9.7	UJ	ND	9.7	U
2,4,6-Trichlorophenol	ND	10	U	ND	9.7	UJ	ND	9.7	U
2,4-Dichlorophenol	ND	10	U	ND	9.7	UJ	ND	9.7	U
2,4-Dimethylphenol	ND	10	U	ND	9.7	UJ	ND	9.7	U
2,4-Dinitrophenol	ND	50	U	ND	48.5	UJ	ND	48.5	U
2,4-Dinitrotoluene	ND	10	U	ND	9.7	UJ	ND	9.7	U
2,6-Dinitrotoluene	ND	10	U	ND	9.7	UJ	ND	9.7	U
2-Chloronaphthalene	ND	10	U	ND	9.7	UJ	ND	9.7	U
2-Chlorophenol	ND	10	U	ND	9.7	UJ	ND	9.7	U
2-Methylnaphthalene	ND	10	U	ND	.97	UJ	ND	.97	U
3,3'-Dichlorobenzidine	ND	40	U	ND	38.8	UJ	ND	38.8	U
4,6-Dinitro-o-cresol	ND	50	U	ND	48.5	UJ	ND	48.5	U
4-Bromophenyl phenyl ether	ND	10	U	ND	9.7	UJ	ND	9.7	U
4-Chlorophenyl phenyl ether	ND	10	U	ND	9.7	UJ	ND	9.7	U
Acenaphthene	ND	10	U	ND	9.7	UJ	ND	9.7	U
Acenaphthylene	ND	10	U	ND	9.7	UJ	ND	9.7	U
Anthracene	ND	10	U	ND	9.7	UJ	ND	9.7	U
Benzidine	ND	10	U	ND	48.5	UJ	ND	48.5	U
Benzo(a)anthracene	ND	10	U	ND	9.7	UJ	ND	9.7	U
Benzo(a)pyrene	ND	10	U	ND	9.7	UJ	ND	9.7	U
Benzo(b)fluoranthene	ND	10	U	ND	9.7	UJ	ND	9.7	U
Benzo(ghi)perylene	ND	10	U	ND	9.7	UJ	ND	9.7	U
Benzo(k)fluoranthene	ND	10	U	ND	9.7	UJ	ND	9.7	U
Bis(2-chloroethoxy)methane	ND	10	U	ND	9.7	UJ	ND	9.7	U
Bis(2-chloroethyl)ether	ND	10	U	ND	9.7	UJ	ND	9.7	U
Bis(2-ethylhexyl)phthalate	ND	10	U	ND	9.7	UJ	ND	9.7	U
bis-chloroisopropyl ether	ND	10	U	ND	9.7	UJ	ND	9.7	U
Butyl benzyl phthalate	ND	10	U	ND	9.7	UJ	ND	9.7	U
Chrysene	ND	10	U	ND	9.7	UJ	ND	9.7	U
Di-n-butyl phthalate	ND	10	U	ND	9.7	UJ	ND	9.7	U
Di-n-octyl phthalate	ND	10	U	ND	9.7	UJ	ND	9.7	U
Dibenzo(a,h)anthracene	ND	10	U	ND	9.7	UJ	ND	9.7	U
Dibenzofuran	ND	10	U	ND	9.7	UJ	ND	9.7	U
Diethyl phthalate	ND	10	U	ND	9.7	UJ	ND	9.7	U
Dimethyl phthalate	ND	10	U	ND	9.7	UJ	ND	9.7	U
Fluoranthene	ND	10	U	ND	9.7	UJ	ND	9.7	U
Fluorene	ND	10	U	ND	9.7	UJ	ND	9.7	U
Hexachlorobenzene	ND	10	U	ND	9.7	UJ	ND	9.7	U
Hexachlorobutadiene*	ND	10	U	ND	9.7	UJ	ND	9.7	U
Hexachlorocyclopentadiene	ND	10	U	ND	9.7	UJ	ND	9.7	U
Hexachloroethane	ND	10	U	ND	9.7	UJ	ND	9.7	U
Indeno(1,2,3-cd)pyrene	ND	10	U	ND	9.7	UJ	ND	9.7	U
Isophorone	ND	10	U	ND	9.7	UJ	ND	9.7	U
N-Nitrosodimethylamine	ND	10	U	ND	9.7	UJ	ND	9.7	U
N-Nitrosodiphenylamine									
N-Nitrosodipropylamine	ND	10	U	ND	9.7	UJ	ND	9.7	U
Naphthalene*	ND	10	U	ND	9.7	UJ	ND	9.7	U
Nitrobenzene	ND	10	U	ND	9.7	UJ	ND	9.7	U
o-Nitrophenol	ND	10	U	ND	9.7	UJ	ND	9.7	U
p-Chloro-m-cresol	ND	10	U	ND	9.7	UJ	ND	9.7	U
p-Nitrophenol	ND	50	U	ND	48.5	UJ	ND	48.5	U
PCP	ND	50	U	ND	48.5	UJ	ND	48.5	U
Phenanthrene	ND	10	U	ND	9.7	UJ	ND	9.7	U
Phenol	ND	10	U	ND	9.7	UJ	ND	9.7	U
Pyrene	ND	10	U	ND	9.7	UJ	ND	9.7	U

EM - 2001 Groundwater Data: Semi - VOCs
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-182 Date:11/06/01 Depth: 85			Well ID:076-183 Date:01/31/01 Depth: 25			Well ID:076-183 Date:05/03/01 Depth: 25		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,2,4-Trichlorobenzene*	ND	9.9	U	ND	10	U	ND	9.9	U
2,4,5-Trichlorophenol	ND	9.9	U	ND	10	U	ND	9.9	U
2,4,6-Trichlorophenol	ND	9.9	U	ND	10	U	ND	9.9	U
2,4-Dichlorophenol	ND	9.9	U	ND	10	U	ND	9.9	U
2,4-Dimethylphenol	ND	9.9	U	ND	10	U	ND	9.9	U
2,4-Dinitrophenol	ND	49.5	U	ND	50	U	ND	49.5	U
2,4-Dinitrotoluene	ND	9.9	U	ND	10	U	ND	9.9	U
2,6-Dinitrotoluene	ND	9.9	U	ND	10	U	ND	9.9	U
2-Chloronaphthalene	ND	9.9	U	ND	10	U	ND	9.9	U
2-Chlorophenol	ND	9.9	U	ND	10	U	ND	9.9	U
2-Methylnaphthalene	ND	.99	U	ND	10	U	ND	.99	U
3,3'-Dichlorobenzidine	ND	39.6	U	ND	40	U	ND	39.6	U
4,6-Dinitro-o-cresol	ND	49.5	U	ND	50	U	ND	49.5	U
4-Bromophenyl phenyl ether	ND	9.9	U	ND	10	U	ND	9.9	U
4-Chlorophenyl phenyl ether	ND	9.9	U	ND	10	U	ND	9.9	U
Acenaphthene	ND	9.9	U	ND	10	U	ND	9.9	U
Acenaphthylene	ND	9.9	U	ND	10	U	ND	9.9	U
Anthracene	ND	9.9	U	ND	10	U	ND	9.9	U
Benzidine	ND	49.5	U	ND	10	U	ND	49.5	U
Benzo(a)anthracene	ND	9.9	U	ND	10	U	ND	9.9	U
Benzo(a)pyrene	ND	9.9	U	ND	10	U	ND	9.9	U
Benzo(b)fluoranthene	ND	9.9	U	ND	10	U	ND	9.9	U
Benzo(ghi)perylene	ND	9.9	U	ND	10	U	ND	9.9	U
Benzo(k)fluoranthene	ND	9.9	U	ND	10	U	ND	9.9	U
Bis(2-chloroethoxy)methane	ND	9.9	U	ND	10	U	ND	9.9	U
Bis(2-chloroethyl)ether	ND	9.9	U	ND	10	U	ND	9.9	U
Bis(2-ethylhexyl)phthalate	.53	9.9	J	ND	10	U	.57	9.9	J
bis-chloroisopropyl ether	ND	9.9	U	ND	10	U	ND	9.9	U
Butyl benzyl phthalate	ND	9.9	U	ND	10	U	ND	9.9	U
Chrysene	ND	9.9	U	ND	10	U	ND	9.9	U
Di-n-butyl phthalate	ND	9.9	U	ND	10	U	ND	9.9	U
Di-n-octyl phthalate	ND	9.9	U	ND	10	U	ND	9.9	U
Dibenzo(a,h)anthracene	ND	9.9	U	ND	10	U	ND	9.9	U
Dibenzofuran	ND	9.9	U	ND	10	U	ND	9.9	U
Diethyl phthalate	ND	9.9	U	ND	10	U	ND	9.9	U
Dimethyl phthalate	ND	9.9	U	ND	10	U	ND	9.9	U
Fluoranthene	ND	9.9	U	ND	10	U	ND	9.9	U
Fluorene	ND	9.9	U	ND	10	U	ND	9.9	U
Hexachlorobenzene	ND	9.9	U	ND	10	U	ND	9.9	U
Hexachlorobutadiene*	ND	9.9	U	ND	10	U	ND	9.9	U
Hexachlorocyclopentadiene	ND	9.9	U	ND	10	U	ND	9.9	U
Hexachloroethane	ND	9.9	U	ND	10	U	ND	9.9	U
Indeno(1,2,3-cd)pyrene	ND	9.9	U	ND	10	U	ND	9.9	U
Isophorone	ND	9.9	U	ND	10	U	ND	9.9	U
N-Nitrosodimethylamine	ND	9.9	U	ND	10	U	ND	9.9	U
N-Nitrosodiphenylamine									
N-Nitrosodipropylamine	ND	9.9	U	ND	10	U	ND	9.9	U
Naphthalene*	ND	9.9	U	ND	10	U	ND	9.9	U
Nitrobenzene	ND	9.9	U	ND	10	U	ND	9.9	U
o-Nitrophenol	ND	9.9	U	ND	10	U	ND	9.9	U
p-Chloro-m-cresol	ND	9.9	U	ND	10	U	ND	9.9	U
p-Nitrophenol	ND	49.5	U	ND	50	U	ND	49.5	U
PCP	ND	49.5	U	ND	50	U	ND	49.5	U
Phenanthrene	ND	9.9	U	ND	10	U	ND	9.9	U
Phenol	ND	9.9	U	ND	10	U	ND	9.9	U
Pyrene	ND	9.9	U	ND	10	U	ND	9.9	U

EM - 2001 Groundwater Data: Semi - VOCs
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-183 Date:07/26/01 Depth: 25			Well ID:076-183 Date:11/06/01 Depth: 40			Well ID:076-184 Date:01/31/01 Depth: 65		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,2,4-Trichlorobenzene*	ND	9.6	U	ND	9.7	U	ND	10	U
2,4,5-Trichlorophenol	ND	9.6	U	ND	9.7	U	ND	10	U
2,4,6-Trichlorophenol	ND	9.6	U	ND	9.7	U	ND	10	U
2,4-Dichlorophenol	ND	9.6	U	ND	9.7	U	ND	10	U
2,4-Dimethylphenol	ND	9.6	U	ND	9.7	U	ND	10	U
2,4-Dinitrophenol	ND	48.1	U	ND	48.5	U	ND	50	U
2,4-Dinitrotoluene	ND	9.6	U	ND	9.7	U	ND	10	U
2,6-Dinitrotoluene	ND	9.6	U	ND	9.7	U	ND	10	U
2-Chloronaphthalene	ND	9.6	U	ND	9.7	U	ND	10	U
2-Chlorophenol	ND	9.6	U	ND	9.7	U	ND	10	U
2-Methylnaphthalene	ND	.96	U	ND	.97	U	ND	10	U
3,3'-Dichlorobenzidine	ND	38.5	U	ND	38.8	U	ND	40	U
4,6-Dinitro-o-cresol	ND	48.1	U	ND	48.5	U	ND	50	U
4-Bromophenyl phenyl ether	ND	9.6	U	ND	9.7	U	ND	10	U
4-Chlorophenyl phenyl ether	ND	9.6	U	ND	9.7	U	ND	10	U
Acenaphthene	ND	9.6	U	ND	9.7	U	ND	10	U
Acenaphthylene	ND	9.6	U	ND	9.7	U	ND	10	U
Anthracene	ND	9.6	U	ND	9.7	U	ND	10	U
Benzidine	ND	48.1	U	ND	48.5	U	ND	10	U
Benzo(a)anthracene	ND	9.6	U	ND	9.7	U	ND	10	U
Benzo(a)pyrene	ND	9.6	U	ND	9.7	U	ND	10	U
Benzo(b)fluoranthene	ND	9.6	U	ND	9.7	U	ND	10	U
Benzo(ghi)perylene	ND	9.6	U	ND	9.7	U	ND	10	U
Benzo(k)fluoranthene	ND	9.6	U	ND	9.7	U	ND	10	U
Bis(2-chloroethoxy)methane	ND	9.6	U	ND	9.7	U	ND	10	U
Bis(2-chloroethyl)ether	ND	9.6	U	ND	9.7	U	ND	10	U
Bis(2-ethylhexyl)phthalate	ND	9.6	U	.18	9.7	J	ND	10	U
bis-chloroisopropyl ether	ND	9.6	U	ND	9.7	U	ND	10	U
Butyl benzyl phthalate	ND	9.6	U	ND	9.7	U	ND	10	U
Chrysene	ND	9.6	U	ND	9.7	U	ND	10	U
Di-n-butyl phthalate	ND	9.6	U	ND	9.7	U	ND	10	U
Di-n-octyl phthalate	ND	9.6	U	ND	9.7	U	ND	10	U
Dibenzo(a,h)anthracene	ND	9.6	U	ND	9.7	U	ND	10	U
Dibenzofuran	ND	9.6	U	ND	9.7	U	ND	10	U
Diethyl phthalate	ND	9.6	U	ND	9.7	U	ND	10	U
Dimethyl phthalate	ND	9.6	U	ND	9.7	U	ND	10	U
Fluoranthene	ND	9.6	U	ND	9.7	U	ND	10	U
Fluorene	ND	9.6	U	ND	9.7	U	ND	10	U
Hexachlorobenzene	ND	9.6	U	ND	9.7	U	ND	10	U
Hexachlorobutadiene*	ND	9.6	U	ND	9.7	U	ND	10	U
Hexachlorocyclopentadiene	ND	9.6	U	ND	9.7	U	ND	10	U
Hexachloroethane	ND	9.6	U	ND	9.7	U	ND	10	U
Indeno(1,2,3-cd)pyrene	ND	9.6	U	ND	9.7	U	ND	10	U
Isophorone	ND	9.6	U	ND	9.7	U	ND	10	U
N-Nitrosodimethylamine	ND	9.6	U	ND	9.7	U	ND	10	U
N-Nitrosodiphenylamine									
N-Nitrosodipropylamine	ND	9.6	U	ND	9.7	U	ND	10	U
Naphthalene*	ND	9.6	U	ND	9.7	U	ND	10	U
Nitrobenzene	ND	9.6	U	ND	9.7	U	ND	10	U
o-Nitrophenol	ND	9.6	U	ND	9.7	U	ND	10	U
p-Chloro-m-cresol	ND	9.6	U	ND	9.7	U	ND	10	U
p-Nitrophenol	ND	48.1	U	ND	48.5	U	ND	50	U
PCP	ND	48.1	U	ND	48.5	U	ND	50	U
Phenanthrene	ND	9.6	U	ND	9.7	U	ND	10	U
Phenol	ND	9.6	U	ND	9.7	U	ND	10	U
Pyrene	ND	9.6	U	ND	9.7	U	ND	10	U

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Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-184 Date:05/03/01 Depth: 65			Well ID:076-184 Date:07/26/01 Depth: 65			Well ID:076-184 Date:11/06/01 Depth: 65		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,2,4-Trichlorobenzene*	ND	9.9	U	ND	9.6	U	ND	9.6	U
2,4,5-Trichlorophenol	ND	9.9	U	ND	9.6	U	ND	9.6	U
2,4,6-Trichlorophenol	ND	9.9	U	ND	9.6	U	ND	9.6	U
2,4-Dichlorophenol	ND	9.9	U	ND	9.6	U	ND	9.6	U
2,4-Dimethylphenol	ND	9.9	U	ND	9.6	U	ND	9.6	U
2,4-Dinitrophenol	ND	49.5	U	ND	48.1	U	ND	48.1	U
2,4-Dinitrotoluene	ND	9.9	U	ND	9.6	U	ND	9.6	U
2,6-Dinitrotoluene	ND	9.9	U	ND	9.6	U	ND	9.6	U
2-Chloronaphthalene	ND	9.9	U	ND	9.6	U	ND	9.6	U
2-Chlorophenol	ND	9.9	U	ND	9.6	U	ND	9.6	U
2-Methylnaphthalene	ND	.99	U	ND	.96	U	ND	.96	U
3,3'-Dichlorobenzidine	ND	39.6	U	ND	38.5	U	ND	38.5	U
4,6-Dinitro-o-cresol	ND	49.5	U	ND	48.1	U	ND	48.1	U
4-Bromophenyl phenyl ether	ND	9.9	U	ND	9.6	U	ND	9.6	U
4-Chlorophenyl phenyl ether	ND	9.9	U	ND	9.6	U	ND	9.6	U
Acenaphthene	ND	9.9	U	ND	9.6	U	ND	9.6	U
Acenaphthylene	ND	9.9	U	ND	9.6	U	ND	9.6	U
Anthracene	ND	9.9	U	ND	9.6	U	ND	9.6	U
Benzidine	ND	49.5	U	ND	48.1	U	ND	48.1	U
Benzo(a)anthracene	ND	9.9	U	ND	9.6	U	ND	9.6	U
Benzo(a)pyrene	ND	9.9	U	ND	9.6	U	ND	9.6	U
Benzo(b)fluoranthene	ND	9.9	U	ND	9.6	U	ND	9.6	U
Benzo(ghi)perylene	ND	9.9	U	ND	9.6	U	ND	9.6	U
Benzo(k)fluoranthene	ND	9.9	U	ND	9.6	U	ND	9.6	U
Bis(2-chloroethoxy)methane	ND	9.9	U	ND	9.6	U	ND	9.6	U
Bis(2-chloroethyl)ether	ND	9.9	U	ND	9.6	U	ND	9.6	U
Bis(2-ethylhexyl)phthalate	ND	9.9	U	ND	9.6	U	.072	9.6	J
bis-chloroisopropyl ether	ND	9.9	U	ND	9.6	U	ND	9.6	U
Butyl benzyl phthalate	ND	9.9	U	ND	9.6	U	ND	9.6	U
Chrysene	ND	9.9	U	ND	9.6	U	ND	9.6	U
Di-n-butyl phthalate	ND	9.9	U	ND	9.6	U	ND	9.6	U
Di-n-octyl phthalate	ND	9.9	U	ND	9.6	U	ND	9.6	U
Dibenzo(a,h)anthracene	ND	9.9	U	ND	9.6	U	ND	9.6	U
Dibenzofuran	ND	9.9	U	ND	9.6	U	ND	9.6	U
Diethyl phthalate	ND	9.9	U	ND	9.6	U	ND	9.6	U
Dimethyl phthalate	ND	9.9	U	ND	9.6	U	ND	9.6	U
Fluoranthene	ND	9.9	U	ND	9.6	U	ND	9.6	U
Fluorene	ND	9.9	U	ND	9.6	U	ND	9.6	U
Hexachlorobenzene	ND	9.9	U	ND	9.6	U	ND	9.6	U
Hexachlorobutadiene*	ND	9.9	U	ND	9.6	U	ND	9.6	U
Hexachlorocyclopentadiene	ND	9.9	U	ND	9.6	U	ND	9.6	U
Hexachloroethane	ND	9.9	U	ND	9.6	U	ND	9.6	U
Indeno(1,2,3-cd)pyrene	ND	9.9	U	ND	9.6	U	ND	9.6	U
Isophorone	ND	9.9	U	ND	9.6	U	ND	9.6	U
N-Nitrosodimethylamine	ND	9.9	U	ND	9.6	U	ND	9.6	U
N-Nitrosodiphenylamine									
N-Nitrosodipropylamine	ND	9.9	U	ND	9.6	U	ND	9.6	U
Naphthalene*	ND	9.9	U	ND	9.6	U	ND	9.6	U
Nitrobenzene	ND	9.9	U	ND	9.6	U	ND	9.6	U
o-Nitrophenol	ND	9.9	U	ND	9.6	U	ND	9.6	U
p-Chloro-m-cresol	ND	9.9	U	ND	9.6	U	ND	9.6	U
p-Nitrophenol	ND	49.5	U	ND	48.1	U	ND	48.1	U
PCP	ND	49.5	U	ND	48.1	U	ND	48.1	U
Phenanthrene	ND	9.9	U	ND	9.6	U	ND	9.6	U
Phenol	ND	9.9	U	ND	9.6	U	ND	9.6	U
Pyrene	ND	9.9	U	ND	9.6	U	ND	9.6	U

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Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-185 Date:01/26/01 Depth: 25			Well ID:076-185 Date:05/09/01 Depth: 40			Well ID:076-185 Date:07/24/01 Depth: 25		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,2,4-Trichlorobenzene*	ND	10	U	ND	9.7	U	ND	9.6	U
2,4,5-Trichlorophenol	ND	10	U	ND	9.7	U	ND	9.6	U
2,4,6-Trichlorophenol	ND	10	U	ND	9.7	U	ND	9.6	U
2,4-Dichlorophenol	ND	10	U	ND	9.7	U	ND	9.6	U
2,4-Dimethylphenol	ND	10	U	ND	9.7	U	ND	9.6	U
2,4-Dinitrophenol	ND	50	U	ND	48.5	U	ND	48.1	U
2,4-Dinitrotoluene	ND	10	U	ND	9.7	U	ND	9.6	U
2,6-Dinitrotoluene	ND	10	U	ND	9.7	U	ND	9.6	U
2-Chloronaphthalene	ND	10	U	ND	9.7	U	ND	9.6	U
2-Chlorophenol	ND	10	U	ND	9.7	U	ND	9.6	U
2-Methylnaphthalene	ND	10	U	ND	.97	U	ND	.96	U
3,3'-Dichlorobenzidine	ND	40	U	ND	38.8	U	ND	38.5	U
4,6-Dinitro-o-cresol	ND	50	U	ND	48.5	U	ND	48.1	U
4-Bromophenyl phenyl ether	ND	10	U	ND	9.7	U	ND	9.6	U
4-Chlorophenyl phenyl ether	ND	10	U	ND	9.7	U	ND	9.6	U
Acenaphthene	ND	10	U	ND	9.7	U	ND	9.6	U
Acenaphthylene	ND	10	U	ND	9.7	U	ND	9.6	U
Anthracene	ND	10	U	ND	9.7	U	ND	9.6	U
Benzidine	ND	10	U	ND	48.5	U	ND	48.1	U
Benzo(a)anthracene	ND	10	U	ND	9.7	U	ND	9.6	U
Benzo(a)pyrene	ND	10	U	ND	9.7	U	ND	9.6	U
Benzo(b)fluoranthene	ND	10	U	ND	9.7	U	ND	9.6	U
Benzo(ghi)perylene	ND	10	U	ND	9.7	U	ND	9.6	U
Benzo(k)fluoranthene	ND	10	U	ND	9.7	U	ND	9.6	U
Bis(2-chloroethoxy)methane	ND	10	U	ND	9.7	U	ND	9.6	U
Bis(2-chloroethyl)ether	ND	10	U	ND	9.7	U	ND	9.6	U
Bis(2-ethylhexyl)phthalate	ND	10	U	ND	9.7	U	ND	9.6	U
bis-chloroisopropyl ether	ND	10	U	ND	9.7	U	ND	9.6	U
Butyl benzyl phthalate	ND	10	U	ND	9.7	U	ND	9.6	U
Chrysene	ND	10	U	ND	9.7	U	ND	9.6	U
Di-n-butyl phthalate	ND	10	U	ND	9.7	U	ND	9.6	U
Di-n-octyl phthalate	ND	10	U	ND	9.7	U	ND	9.6	U
Dibenzo(a,h)anthracene	ND	10	U	ND	9.7	U	ND	9.6	U
Dibenzofuran	ND	10	U	ND	9.7	U	ND	9.6	U
Diethyl phthalate	ND	10	U	ND	9.7	U	ND	9.6	U
Dimethyl phthalate	ND	10	U	ND	9.7	U	ND	9.6	U
Fluoranthene	ND	10	U	ND	9.7	U	ND	9.6	U
Fluorene	ND	10	U	ND	9.7	U	ND	9.6	U
Hexachlorobenzene	ND	10	U	ND	9.7	U	ND	9.6	U
Hexachlorobutadiene*	ND	10	U	ND	9.7	U	ND	9.6	U
Hexachlorocyclopentadiene	ND	10	U	ND	9.7	U	ND	9.6	U
Hexachloroethane	ND	10	U	ND	9.7	U	ND	9.6	U
Indeno(1,2,3-cd)pyrene	ND	10	U	ND	9.7	U	ND	9.6	U
Isophorone	ND	10	U	ND	9.7	U	ND	9.6	U
N-Nitrosodimethylamine	ND	10	U	ND	9.7	U	ND	9.6	U
N-Nitrosodiphenylamine									
N-Nitrosodipropylamine	ND	10	U	ND	9.7	U	ND	9.6	U
Naphthalene*	ND	10	U	ND	9.7	U	ND	9.6	U
Nitrobenzene	ND	10	U	ND	9.7	U	ND	9.6	U
o-Nitrophenol	ND	10	U	ND	9.7	U	ND	9.6	U
p-Chloro-m-cresol	ND	10	U	ND	9.7	U	ND	9.6	U
p-Nitrophenol	ND	50	U	ND	48.5	U	ND	48.1	U
PCP	ND	50	U	ND	48.5	U	ND	48.1	U
Phenanthrene	ND	10	U	ND	9.7	U	ND	9.6	U
Phenol	ND	10	U	ND	9.7	U	ND	9.6	U
Pyrene	ND	10	U	ND	9.7	U	ND	9.6	U

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Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-185 Date:11/08/01 Depth: 40			Well ID:076-186 Date:01/26/01 Depth: 65			Well ID:076-186 Date:05/09/01 Depth: 65		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,2,4-Trichlorobenzene*	ND	10	U	ND	10	U	ND	9.7	U
2,4,5-Trichlorophenol	ND	10	U	ND	10	U	ND	9.7	U
2,4,6-Trichlorophenol	ND	10	U	ND	10	U	ND	9.7	U
2,4-Dichlorophenol	ND	10	U	ND	10	U	ND	9.7	U
2,4-Dimethylphenol	ND	10	U	ND	10	U	ND	9.7	U
2,4-Dinitrophenol	ND	50	U	ND	50	U	ND	48.5	U
2,4-Dinitrotoluene	ND	10	U	ND	10	U	ND	9.7	U
2,6-Dinitrotoluene	ND	10	U	ND	10	U	ND	9.7	U
2-Chloronaphthalene	ND	10	U	ND	10	U	ND	9.7	U
2-Chlorophenol	ND	10	U	ND	10	U	ND	9.7	U
2-Methylnaphthalene	ND	1	U	ND	10	U	ND	.97	U
3,3'-Dichlorobenzidine	ND	40	U	ND	40	U	ND	38.8	U
4,6-Dinitro-o-cresol	ND	50	U	ND	50	U	ND	48.5	U
4-Bromophenyl phenyl ether	ND	10	U	ND	10	U	ND	9.7	U
4-Chlorophenyl phenyl ether	ND	10	U	ND	10	U	ND	9.7	U
Acenaphthene	ND	10	U	ND	10	U	ND	9.7	U
Acenaphthylene	ND	10	U	ND	10	U	ND	9.7	U
Anthracene	ND	10	U	ND	10	U	ND	9.7	U
Benzidine	ND	50	U	ND	10	U	ND	48.5	U
Benzo(a)anthracene	ND	10	U	ND	10	U	ND	9.7	U
Benzo(a)pyrene	ND	10	U	ND	10	U	ND	9.7	U
Benzo(b)fluoranthene	ND	10	U	ND	10	U	ND	9.7	U
Benzo(ghi)perylene	ND	10	U	ND	10	U	ND	9.7	U
Benzo(k)fluoranthene	ND	10	U	ND	10	U	ND	9.7	U
Bis(2-chloroethoxy)methane	ND	10	U	ND	10	U	ND	9.7	U
Bis(2-chloroethyl)ether	ND	10	U	ND	10	U	ND	9.7	U
Bis(2-ethylhexyl)phthalate	.43	10	J	ND	10	U	ND	9.7	U
bis-chloroisopropyl ether	ND	10	U	ND	10	U	ND	9.7	U
Butyl benzyl phthalate	ND	10	U	ND	10	U	ND	9.7	U
Chrysene	ND	10	U	ND	10	U	ND	9.7	U
Di-n-butyl phthalate	ND	10	U	ND	10	U	ND	9.7	U
Di-n-octyl phthalate	ND	10	U	ND	10	U	ND	9.7	U
Dibenzo(a,h)anthracene	ND	10	U	ND	10	U	ND	9.7	U
Dibenzofuran	ND	10	U	ND	10	U	ND	9.7	U
Diethyl phthalate	ND	10	U	ND	10	U	ND	9.7	U
Dimethyl phthalate	ND	10	U	ND	10	U	ND	9.7	U
Fluoranthene	ND	10	U	ND	10	U	ND	9.7	U
Fluorene	ND	10	U	ND	10	U	ND	9.7	U
Hexachlorobenzene	ND	10	U	ND	10	U	ND	9.7	U
Hexachlorobutadiene*	ND	10	U	ND	10	U	ND	9.7	U
Hexachlorocyclopentadiene	ND	10	U	ND	10	U	ND	9.7	U
Hexachloroethane	ND	10	U	ND	10	U	ND	9.7	U
Indeno(1,2,3-cd)pyrene	ND	10	U	ND	10	U	ND	9.7	U
Isophorone	ND	10	U	ND	10	U	ND	9.7	U
N-Nitrosodimethylamine	ND	10	U	ND	10	U	ND	9.7	U
N-Nitrosodiphenylamine									
N-Nitrosodipropylamine	ND	10	U	ND	10	U	ND	9.7	U
Naphthalene*	ND	10	U	ND	10	U	ND	9.7	U
Nitrobenzene	ND	10	U	ND	10	U	ND	9.7	U
o-Nitrophenol	ND	10	U	ND	10	U	ND	9.7	U
p-Chloro-m-cresol	ND	10	U	ND	10	U	ND	9.7	U
p-Nitrophenol	ND	50	U	ND	50	U	ND	48.5	U
PCP	ND	50	U	ND	50	U	ND	48.5	U
Phenanthrene	ND	10	U	ND	10	U	ND	9.7	U
Phenol	ND	10	U	ND	10	U	ND	9.7	U
Pyrene	ND	10	U	ND	10	U	ND	9.7	U

EM - 2001 Groundwater Data: Semi - VOCs
Brookhaven National Laboratory
Project: OU IV (AOC 5 AS/SVE)

	Well ID:076-186 Date:07/24/01 Depth: 65			Well ID:076-186 Date:11/08/01 Depth: 65		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,2,4-Trichlorobenzene*	ND	9.8	U	ND	9.7	U
2,4,5-Trichlorophenol	ND	9.8	U	ND	9.7	U
2,4,6-Trichlorophenol	ND	9.8	U	ND	9.7	U
2,4-Dichlorophenol	ND	9.8	U	ND	9.7	U
2,4-Dimethylphenol	ND	9.8	U	ND	9.7	U
2,4-Dinitrophenol	ND	49	U	ND	48.5	U
2,4-Dinitrotoluene	ND	9.8	U	ND	9.7	U
2,6-Dinitrotoluene	ND	9.8	U	ND	9.7	U
2-Chloronaphthalene	ND	9.8	U	ND	9.7	U
2-Chlorophenol	ND	9.8	U	ND	9.7	U
2-Methylnaphthalene	ND	.98	U	ND	.97	U
3,3'-Dichlorobenzidine	ND	39.2	U	ND	38.8	U
4,6-Dinitro-o-cresol	ND	49	U	ND	48.5	U
4-Bromophenyl phenyl ether	ND	9.8	U	ND	9.7	U
4-Chlorophenyl phenyl ether	ND	9.8	U	ND	9.7	U
Acenaphthene	ND	9.8	U	ND	9.7	U
Acenaphthylene	ND	9.8	U	ND	9.7	U
Anthracene	ND	9.8	U	ND	9.7	U
Benzidine	ND	49	U	ND	48.5	U
Benzo(a)anthracene	ND	9.8	U	ND	9.7	U
Benzo(a)pyrene	ND	9.8	U	ND	9.7	U
Benzo(b)fluoranthene	ND	9.8	U	ND	9.7	U
Benzo(ghi)perylene	ND	9.8	U	ND	9.7	U
Benzo(k)fluoranthene	ND	9.8	U	ND	9.7	U
Bis(2-chloroethoxy)methane	ND	9.8	U	ND	9.7	U
Bis(2-chloroethyl)ether	ND	9.8	U	ND	9.7	U
Bis(2-ethylhexyl)phthalate	ND	9.8	U	.16	9.7	J
bis-chloroisopropyl ether	ND	9.8	U	ND	9.7	U
Butyl benzyl phthalate	ND	9.8	U	ND	9.7	U
Chrysene	ND	9.8	U	ND	9.7	U
Di-n-butyl phthalate	ND	9.8	U	ND	9.7	U
Di-n-octyl phthalate	ND	9.8	U	ND	9.7	U
Dibenzo(a,h)anthracene	ND	9.8	U	ND	9.7	U
Dibenzofuran	ND	9.8	U	ND	9.7	U
Diethyl phthalate	ND	9.8	U	ND	9.7	U
Dimethyl phthalate	ND	9.8	U	ND	9.7	U
Fluoranthene	ND	9.8	U	ND	9.7	U
Fluorene	ND	9.8	U	ND	9.7	U
Hexachlorobenzene	ND	9.8	U	ND	9.7	U
Hexachlorobutadiene*	ND	9.8	U	ND	9.7	U
Hexachlorocyclopentadiene	ND	9.8	U	ND	9.7	U
Hexachloroethane	ND	9.8	U	ND	9.7	U
Indeno(1,2,3-cd)pyrene	ND	9.8	U	ND	9.7	U
Isophorone	ND	9.8	U	ND	9.7	U
N-Nitrosodimethylamine	ND	9.8	U	ND	9.7	U
N-Nitrosodiphenylamine						
N-Nitrosodipropylamine	ND	9.8	U	ND	9.7	U
Naphthalene*	ND	9.8	U	ND	9.7	U
Nitrobenzene	ND	9.8	U	ND	9.7	U
o-Nitrophenol	ND	9.8	U	ND	9.7	U
p-Chloro-m-cresol	ND	9.8	U	ND	9.7	U
p-Nitrophenol	ND	49	U	ND	48.5	U
PCP	ND	49	U	ND	48.5	U
Phenanthrene	ND	9.8	U	ND	9.7	U
Phenol	ND	9.8	U	ND	9.7	U
Pyrene	ND	9.8	U	ND	9.7	U

OU IV (AOC 6 Sr-90)

ANALYTICAL RESULTS

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU IV (AOC 6 Sr-90)

	Well ID: 066-17 Date: 02/12/01 Depth: 43				Well ID: 066-17 Date: 07/31/01 Depth: 43				Well ID: 066-18 Date: 02/12/01 Depth: 30			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	12.9	7.42	U	<MDL	16	9.71	U	<MDL	18.7	12.6	U
Beryllium-7	<MDL	23.3	13.3	U	<MDL	26.8	16.9	U	<MDL	25.1	14.3	U
Cesium-134	<MDL	2.3	1.3	U	<MDL	2.5	1.84	U	<MDL	2.07	1.3	U
Cesium-137	<MDL	2.18	1.26	U	<MDL	2.64	1.58	U	<MDL	2.32	1.28	U
Co-60	<MDL	2.36	1.3	U	<MDL	3.06	1.63	U	<MDL	2.41	1.3	U
Cobalt-57	<MDL	2	1.17	U	<MDL	2.88	1.98	U	<MDL	2.15	1.24	U
Europium-152	<MDL	6.38	3.6	U	<MDL	6.88	4.3	U	<MDL	6.4	3.64	U
Europium-154	<MDL	6.92	4.21	U	<MDL	6.98	4.43	U	<MDL	5.54	3.27	U
Europium-155	<MDL	8.51	4.9	U	<MDL	10.6	6.13	U	<MDL	9.77	5.58	U
Gross Alpha	<MDL	.452	.26	U	<MDL	.948	.335	UJ	<MDL	.576	.288	U
Gross Beta	1.2	1	.618	J-N2	<MDL	1.96	.859	UJ	6.02	.988	.741	
Manganese-54	<MDL	2.2	1.34	U	<MDL	3.13	1.65	U	<MDL	2.24	1.24	U
Sodium-22	<MDL	2.49	1.51	U	<MDL	2.49	1.58	U	<MDL	1.99	1.18	U
Strontium-90	<MDL	.516	.233	U	<MDL	.707	.308	UJ-T	2.59	.534	.391	
Tritium	<MDL	514	287	U	<MDL	384	229	U	<MDL	506	280	U
Vanadium-48	<MDL	5.66	3.02	U					<MDL	5.62	3.2	U
Zinc-65	<MDL	4.86	2.74	U	<MDL	5.75	3.67	U	<MDL	4.9	2.95	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU IV (AOC 6 Sr-90)

	Well ID: 066-18 Date: 07/31/01 Depth: 30				Well ID: 066-189 Date: 02/08/01 Depth: 36				Well ID: 066-189 Date: 07/26/01 Depth: 36			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	5.28	3.21	U	<MDL	16.2	10.9	U	<MDL	17.4	9.79	U
Beryllium-7	<MDL	27.2	14.6	U	<MDL	19.8	11.4	U	<MDL	21.7	15.2	U
Cesium-134	<MDL	3.17	1.67	U	<MDL	1.99	1.26	U	<MDL	2.21	2.07	U
Cesium-137	<MDL	3.09	1.98	U	<MDL	2.28	1.27	U	<MDL	2.67	1.59	U
Co-60	<MDL	3.21	1.93	U	<MDL	2.52	1.36	U	<MDL	3.07	1.58	U
Cobalt-57	<MDL	2.26	1.39	U	<MDL	2.07	1.18	U	<MDL	2.41	1.4	U
Europium-152	<MDL	8.02	4.63	U	<MDL	6.41	3.56	U	<MDL	7.85	4.62	U
Europium-154	<MDL	8.58	4.71	U	<MDL	6.96	3.93	U	<MDL	7.6	4.06	U
Europium-155	<MDL	9.27	5.39	U	<MDL	9.28	5.18	U	<MDL	10.5	6.02	U
Gross Alpha	<MDL	1.57	.607	UJ	<MDL	.873	.361	U	<MDL	1.66	.631	UJ
Gross Beta	3.36	2.03	1.1	J	<MDL	1.77	.902	U	<MDL	1.4	.708	UJ
Manganese-54	<MDL	3	1.71	U	<MDL	1.78	1.07	U	<MDL	2.67	1.49	U
Sodium-22	<MDL	3.08	1.69	U	<MDL	2.49	1.41	U	<MDL	2.72	1.45	U
Strontium-90	.663	.345	.218	J	<MDL	.439	.211	U	<MDL	.66	.302	U
Tritium	<MDL	377	218	U	<MDL	482	264	U	<MDL	366	217	U
Vanadium-48					<MDL	3.12	1.76	U				
Zinc-65	<MDL	6.61	3.81	U	<MDL	4.03	2.59	U	<MDL	5.7	3.47	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU IV (AOC 6 Sr-90)

	Well ID: 066-190 Date: 02/08/01 Depth: 37				Well ID: 066-190 Date: 07/26/01 Depth: 37				Well ID: 076-05 Date: 01/31/01 Depth: 40			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	14.2	9.42	U	<MDL	15.2	8.58	U	<MDL	12.1	7.52	U
Beryllium-7	<MDL	31.3	17.8	U	<MDL	20.7	12.6	U	<MDL	19.6	11.1	U
Cesium-134	<MDL	3.28	2.21	U	<MDL	2.43	1.69	U	<MDL	2.1	1.37	U
Cesium-137	<MDL	3.35	1.98	U	<MDL	2.62	1.44	U	<MDL	2.24	1.25	U
Co-60	<MDL	3.8	1.92	U	<MDL	2.58	1.66	U	<MDL	2.19	1.24	U
Cobalt-57	<MDL	2.8	1.88	U	<MDL	2.37	1.39	U	<MDL	1.91	1.08	U
Europium-152	<MDL	9.78	5.8	U	<MDL	7.91	4.43	U	<MDL	6.57	3.82	U
Europium-154	<MDL	10.3	5.38	U	<MDL	8.73	5.15	U	<MDL	6.76	3.85	U
Europium-155	<MDL	12.4	7.08	U	<MDL	9.63	5.75	U	<MDL	7.75	4.41	U
Gross Alpha	<MDL	.73	.31	U	<MDL	1.58	.63	UJ	<MDL	1.13	.687	UJ
Gross Beta	<MDL	1.7	.846	U	<MDL	1.43	.764	UJ	16.3	1.96	1.62	J
Manganese-54	<MDL	3.41	1.82	U	<MDL	2.63	1.71	U	<MDL	2.03	1.2	U
Sodium-22	<MDL	3.7	1.92	U	<MDL	3.11	1.84	U	<MDL	2.41	1.38	U
Strontium-90	<MDL	.635	.287	U	<MDL	.588	.293	U	5.59	.551	.588	
Tritium	<MDL	484	264	U	<MDL	388	229	U	<MDL	429	245	U
Vanadium-48	<MDL	5.28	2.93	U					<MDL	3.99	2.3	U
Zinc-65	<MDL	6.51	3.89	U	<MDL	5.39	3.26	U	<MDL	4.89	2.78	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU IV (AOC 6 Sr-90)

	Well ID: 076-05 Date: 07/25/01 Depth: 40				Well ID: 076-07 Date: 01/30/01 Depth: 60				Well ID: 076-07 Date: 07/26/01 Depth: 60			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	17.2	10.9	U	<MDL	13.5	8.17	U	<MDL	18.4	12.6	U
Beryllium-7	<MDL	20.1	12.3	U	<MDL	22.1	12.9	U	<MDL	29.1	17.1	U
Cesium-134	<MDL	1.92	1.25	U	<MDL	2.13	1.27	U	<MDL	2.55	1.53	U
Cesium-137	<MDL	2.13	1.21	U	<MDL	2.35	1.35	U	<MDL	2.56	1.55	U
Co-60	<MDL	2.88	1.39	U	<MDL	2.6	1.33	U	<MDL	3.18	1.71	U
Cobalt-57	<MDL	2.07	1.17	U	<MDL	2.23	1.35	U	<MDL	2.57	1.49	U
Europium-152	<MDL	6.64	7.63	U	<MDL	6.93	3.95	U	<MDL	8.04	4.8	U
Europium-154	<MDL	6.64	3.95	U	<MDL	6.85	3.86	U	<MDL	8.94	4.66	U
Europium-155	<MDL	8.47	4.83	U	<MDL	9.73	5.73	U	<MDL	11	6.24	U
Gross Alpha	<MDL	2.1	.927	UJ-DL	<MDL	1.25	.727	UJ	<MDL	1.62	.425	UJ
Gross Beta	<MDL	3.05	1.39	UJ	<MDL	2.46	1.47	UJ	2.73	2.66	1.32	J-N2
Manganese-54	<MDL	2.21	1.23	U	<MDL	2.27	1.25	U	<MDL	2.95	1.55	U
Sodium-22	<MDL	2.38	1.42	U	<MDL	2.45	1.38	U	<MDL	3.22	1.62	U
Strontium-90	.525	.449	.278	J-N2	<MDL	.625	.291	U	<MDL	.709	.333	U
Tritium	<MDL	417	248	U	<MDL	431	242	U	<MDL	456	252	U
Vanadium-48					<MDL	3.75	2.25	U				
Zinc-65	<MDL	4.55	3.2	U	<MDL	4.89	2.74	U	<MDL	5.84	3.53	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU IV (AOC 6 Sr-90)

	Well ID: 076-09 Date: 01/30/01 Depth: 60				Well ID: 076-09 Date: 07/25/01 Depth: 60				Well ID: 076-10 Date: 02/08/01 Depth: 40			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	15.8	10.5	U	<MDL	13.5	9.54	U	<MDL	18.5	11.8	U
Beryllium-7	<MDL	21.8	12.3	U	<MDL	35.1	22.7	U	<MDL	16.8	10.5	U
Cesium-134	<MDL	2.24	1.63	U	<MDL	2.96	2.57	U	<MDL	1.77	1.2	U
Cesium-137	<MDL	2.51	1.41	U	<MDL	3.44	4.8	U	5.63	2.91	1.49	J-I
Co-60	<MDL	2.6	1.39	U	<MDL	2.93	2.07	U	<MDL	1.98	1.11	U
Cobalt-57	<MDL	2.1	1.22	U	<MDL	2.86	1.77	U	<MDL	1.68	.965	U
Europium-152	<MDL	7.3	4.91	U	<MDL	9.72	5.68	U	<MDL	5.52	3.24	U
Europium-154	<MDL	7.59	4	U	<MDL	10.3	5.69	U	<MDL	5.7	3.47	U
Europium-155	<MDL	9.3	5.24	U	<MDL	11.9	7.3	U	<MDL	6.87	4.03	U
Gross Alpha	<MDL	1.14	.648	UJ	<MDL	.949	.308	UJ	<MDL	.724	.451	U
Gross Beta	2.92	2.19	1.36	J-N2	2.12	1.79	.885	J-N2	<MDL	2.17	1.31	U
Manganese-54	<MDL	2.44	1.53	U	<MDL	3.45	1.97	U	<MDL	1.76	1.1	U
Sodium-22	<MDL	2.72	1.43	U	<MDL	3.69	2.04	U	<MDL	2.03	1.24	U
Strontium-90	<MDL	.492	.251	U	<MDL	.351	.208	U	<MDL	.184	.113	UJ
Tritium	<MDL	455	251	U	<MDL	407	237	U	<MDL	477	277	U
Vanadium-48	<MDL	4.1	2.28	U					<MDL	3.02	2.04	U
Zinc-65	<MDL	5.16	2.98	U	<MDL	7.5	4.35	U	<MDL	3.71	2.46	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU IV (AOC 6 Sr-90)

	Well ID: 076-10 Date: 07/20/01 Depth: 30				Well ID: 076-10 Date: 10/24/01 Depth: 40				Well ID: 076-13 Date: 02/12/01 Depth: 41			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	18	10.9	U	<MDL	14.8	11.2	U	<MDL	19.7	11.2	U
Beryllium-7	<MDL	23.5	13.3	U	<MDL	29.8	16.6	U	<MDL	23.5	13.5	U
Cesium-134	<MDL	2.67	1.72	U	<MDL	2.81	1.58	U	<MDL	2.14	1.35	U
Cesium-137	<MDL	3.29	2.84	U	<MDL	3.1	1.67	U	<MDL	2.28	1.8	U
Co-60	<MDL	2.86	1.66	U	<MDL	3.52	1.72	U	<MDL	2.61	1.54	U
Cobalt-57	<MDL	2.65	1.56	U	<MDL	2.57	1.47	U	<MDL	2.24	1.31	U
Europium-152	<MDL	9.56	5.55	U	<MDL	8.18	4.86	U	<MDL	7.52	4.1	U
Europium-154	<MDL	8.55	5.13	U	<MDL	8.81	4.45	U	<MDL	7.93	4.22	U
Europium-155	<MDL	11.2	6.41	U	<MDL	10.5	6.2	U	<MDL	8.99	5.28	U
Gross Alpha	<MDL	1.78	.857	UJ	.711	.612	.415	J-N2	<MDL	1.74	.803	U
									<MDL	7.13	4.12	U-DL
Gross Beta	<MDL	1.16	.619	UJ	3.37	1.03	.705	J	50	3.64	3.82	
									--	--	--	R
Manganese-54	<MDL	2.81	1.79	U	<MDL	2.7	1.58	U	<MDL	2.41	1.37	U
Sodium-22	<MDL	3.05	1.83	U	<MDL	3.17	1.6	U	<MDL	2.85	1.51	U
Strontium-90	<MDL	.599	.294	U	<MDL	.388	.204	UJ-T	23.7	.611	1.1	
Tritium	<MDL	474	277	U	<MDL	378	223	U	<MDL	511	275	U
Vanadium-48									<MDL	6.14	3.4	U
Zinc-65	<MDL	6.72	3.79	U	<MDL	5.48	8.39	U	<MDL	4.55	2.83	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU IV (AOC 6 Sr-90)

	Well ID: 076-13 Date: 07/31/01 Depth: 41				Well ID: 076-20 Date: 01/31/01 Depth: 34				Well ID: 076-20 Date: 07/31/01 Depth: 34			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	14.6	11.4	U	<MDL	11.7	7.29	U	<MDL	14.7	8.38	U
Beryllium-7	<MDL	27.3	14.6	U	<MDL	20.9	11.7	U	<MDL	28.9	15.7	U
Cesium-134	<MDL	2.81	1.65	U	<MDL	2.01	1.34	U	<MDL	2.91	1.71	U
Cesium-137	<MDL	2.89	1.58	U	<MDL	2.21	1.88	U	<MDL	2.82	1.95	U
Co-60	<MDL	3.04	1.58	U	<MDL	2.47	1.58	U	<MDL	2.76	1.55	U
Cobalt-57	<MDL	2.42	1.42	U	<MDL	2	1.13	U	<MDL	2.59	1.49	U
Europium-152	<MDL	8.79	4.98	U	<MDL	6.68	4.21	U	<MDL	7.92	4.43	U
Europium-154	<MDL	9.75	5.03	U	<MDL	7.05	3.63	U	<MDL	8.86	4.53	U
Europium-155	<MDL	10.2	5.94	U	<MDL	8.71	4.93	U	<MDL	10.3	5.92	U
Gross Alpha	<MDL	1.36	.529	UJ	<MDL	1.24	.765	UJ	<MDL	2.03	.972	UJ-DL
Gross Beta	35.9	2.02	2.63	J	<MDL	2.02	1.22	UJ	7.61	2.16	1.31	J
Manganese-54	<MDL	3.09	1.59	U	<MDL	2.23	1.22	U	<MDL	2.87	1.67	U
Sodium-22	<MDL	3.5	1.81	U	<MDL	2.52	1.3	U	<MDL	3.18	1.63	U
Strontium-90	16.3	.228	.428		<MDL	.699	.29	U	1.21	.561	.342	
Tritium	<MDL	403	244	U	<MDL	422	243	U	<MDL	376	226	U
Vanadium-48					<MDL	4.06	2.11	U				
Zinc-65	<MDL	6	3.26	U	<MDL	4.77	2.73	U	<MDL	6.17	3.78	U

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	Well ID: 076-22 Date: 01/31/01 Depth: 57				Well ID: 076-22 Date: 07/25/01 Depth: 57				Well ID: 076-24 Date: 02/08/01 Depth: 40			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	12.3	8.18	U	<MDL	14.8	9.23	U	<MDL	11.6	8.53	U
Beryllium-7	<MDL	21.2	11.6	U	<MDL	29	15.4	U	<MDL	19.2	10.5	U
Cesium-134	<MDL	2.07	1.35	U	<MDL	2.32	1.42	U	<MDL	2.02	1.16	U
Cesium-137	<MDL	2.46	1.34	U	<MDL	3.06	1.65	U	<MDL	2.43	1.31	U
Co-60	<MDL	2.4	1.2	U	<MDL	3.29	2.68	U	<MDL	2.25	1.29	U
Cobalt-57	<MDL	2	1.17	U	<MDL	2.48	1.4	U	<MDL	1.84	1.04	U
Europium-152	<MDL	6.49	4	U	<MDL	8.98	5.23	U	<MDL	6.71	3.88	U
Europium-154	<MDL	7.03	3.76	U	<MDL	6.78	4.29	U	<MDL	7.19	3.61	U
Europium-155	<MDL	8.71	4.96	U	<MDL	10.3	5.93	U	<MDL	7.85	4.51	U
Gross Alpha	<MDL	.803	.48	UJ	<MDL	1.86	.692	UJ	<MDL	1.23	.717	U
Gross Beta	2.51	1.89	1.18	J-N2	<MDL	3.17	1.37	UJ	8.57	2.53	1.7	
Manganese-54	<MDL	2.4	1.53	U	<MDL	2.86	1.51	U	<MDL	2.11	1.17	U
Sodium-22	<MDL	2.52	1.34	U	<MDL	2.44	1.54	U	<MDL	2.56	1.29	U
Strontium-90	<MDL	.628	.268	U	<MDL	.31	.184	UJ-T	2.97	.659	.507	
Tritium	<MDL	419	240	U	<MDL	448	257	U	<MDL	479	259	U
Vanadium-48	<MDL	4.16	2.38	U					<MDL	3.22	1.84	U
Zinc-65	<MDL	4.64	2.57	U	<MDL	4.87	3.34	U	<MDL	5.21	2.98	U

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	Well ID: 076-24 Date: 07/31/01 Depth: 40				Well ID: 076-25 Date: 02/01/01 Depth: 42				Well ID: 076-25 Date: 07/26/01 Depth: 42			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	14.3	8.27	U	<MDL	13.2	8.19	U	<MDL	17.5	11.2	U
Beryllium-7	<MDL	27.8	17.4	U	<MDL	21	12.9	U	<MDL	29.7	16.7	U
Cesium-134	<MDL	2.7	1.66	U	<MDL	2.27	1.33	U	<MDL	2.63	1.67	U
Cesium-137	<MDL	2.94	1.6	U	<MDL	2.36	1.32	U	<MDL	2.6	1.78	U
Co-60	<MDL	3.02	1.46	U	<MDL	2.4	1.33	U	<MDL	2.82	1.54	U
Cobalt-57	<MDL	2.47	1.43	U	<MDL	2.28	1.36	U	<MDL	2.68	1.62	U
Europium-152	<MDL	7.61	4.22	U	<MDL	6.56	4.37	U	<MDL	8.15	4.61	U
Europium-154	<MDL	7.16	4.48	U	<MDL	6.59	3.64	U	<MDL	7.84	4.76	U
Europium-155	<MDL	10.8	6.05	U	<MDL	9.22	5.59	U	<MDL	11.7	6.56	U
Gross Alpha	<MDL	1.76	.54	UJ	<MDL	.891	.48	UJ	<MDL	1.61	.507	UJ
Gross Beta	4.73	2.15	1.25	J	<MDL	2.17	.951	UJ	<MDL	2.74	1.18	UJ
Manganese-54	<MDL	2.41	1.54	U	<MDL	2.26	1.33	U	<MDL	2.95	1.62	U
Sodium-22	<MDL	2.57	1.61	U	<MDL	2.37	1.31	U	<MDL	2.81	1.7	U
Strontium-90	2.1	.384	.284	J-T	<MDL	.697	.267	U	<MDL	.713	.335	U
Tritium	<MDL	405	235	U	<MDL	627	343	U	<MDL	378	216	U
Vanadium-48					<MDL	4.58	3.52	U				
Zinc-65	<MDL	6.55	3.34	U	<MDL	5.12	2.9	U	<MDL	5.75	3.44	U

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	Well ID: 076-26 Date: 02/08/01 Depth: 44				Well ID: 076-26 Date: 07/26/01 Depth: 44				Well ID: 076-27 Date: 02/01/01 Depth: 44			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	5.13	3.41	U	<MDL	15.6	11.4	U	<MDL	19.7	12.9	U
Beryllium-7	<MDL	24.4	14.7	U	<MDL	28.9	15.2	U	<MDL	22.6	13	U
Cesium-134	<MDL	2.55	1.79	U	<MDL	2.67	1.51	U	<MDL	1.8	1.32	U
Cesium-137	<MDL	3.12	1.83	U	<MDL	2.82	1.58	U	<MDL	2.06	2.77	U
Co-60	<MDL	2.81	1.74	U	<MDL	3.49	1.61	U	<MDL	2.35	1.21	U
Cobalt-57	<MDL	1.97	1.16	U	<MDL	2.58	1.45	U	<MDL	1.88	1.24	U
Europium-152	<MDL	7.33	4.31	U	<MDL	7.97	4.78	U	<MDL	5.64	3.49	U
Europium-154	<MDL	8.74	4.99	U	<MDL	7.69	4.22	U	<MDL	6.24	3.68	U
Europium-155	<MDL	8.17	4.9	U	<MDL	9.87	5.68	U	<MDL	8.4	4.64	U
Gross Alpha	<MDL	1.58	.808	U	<MDL	1.96	.777	UJ	<MDL	1.13	.441	UJ
Gross Beta	7.45	2.01	1.41		6.5	2.18	1.28	J	<MDL	2.16	1.12	UJ
Manganese-54	<MDL	2.67	1.6	U	<MDL	2.85	1.51	U	<MDL	2.09	1.12	U
Sodium-22	<MDL	3.12	1.78	U	<MDL	2.76	1.51	U	<MDL	2.23	1.32	U
Strontium-90	<MDL	.794	.39	U	.943	.58	.33		<MDL	.667	.322	U
Tritium	<MDL	480	256	U	<MDL	372	218	U	<MDL	611	328	U
Vanadium-48	<MDL	5.06	2.75	U					<MDL	4.15	2.33	U
Zinc-65	<MDL	6.52	3.65	U	<MDL	5.82	3.94	U	<MDL	4.52	2.85	U

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	Well ID: 076-27 Date: 07/26/01 Depth: 44				Well ID: 076-27 Date: 09/18/01 Depth: 170				Well ID: 076-28 Date: 02/08/01 Depth: 45			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	17.3	9.6	U					<MDL	13	8.11	U
Beryllium-7	<MDL	22.9	13	U					<MDL	20.9	11.5	U
Cesium-134	<MDL	2.47	1.76	U					<MDL	2.02	1.35	U
Cesium-137	<MDL	2.83	1.59	U					<MDL	2.33	1.28	U
Co-60	<MDL	2.82	1.57	U					<MDL	2.63	2.09	U
Cobalt-57	<MDL	2.55	1.45	U					<MDL	1.92	1.26	U
Europium-152	<MDL	7.82	4.39	U					<MDL	6.8	3.95	U
Europium-154	<MDL	7.8	4.39	U					<MDL	7.12	3.11	U
Europium-155	<MDL	10.2	5.91	U					<MDL	8.36	4.82	U
Gross Alpha	<MDL	1.38	.62	UJ					<MDL	.908	.537	U
Gross Beta	<MDL	.928	.513	UJ					3.14	1.8	1.15	J
Manganese-54	<MDL	2.65	1.48	U					<MDL	2.18	1.24	U
Sodium-22	<MDL	2.34	1.56	U					<MDL	2.59	1.11	U
Strontium-90	.759	.746	.384	J-N2					<MDL	.734	.336	U
Tritium	<MDL	398	233	U	603	430	274	J	<MDL	475	265	U
Vanadium-48									<MDL	3.77	2.51	U
Zinc-65	<MDL	4.63	3.32	U					<MDL	4.7	3.14	U

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	Well ID: 076-28 Date: 07/25/01 Depth: 45				Well ID: 076-167 Date: 02/01/01 Depth: 47				Well ID: 076-167 Date: 07/26/01 Depth: 47			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	15.4	8.36	U	<MDL	5.14	3.36	U	<MDL	14.4	8.14	U
Beryllium-7	<MDL	25.7	15.6	U	<MDL	27.6	15.9	U	<MDL	23.5	12.8	U
Cesium-134	<MDL	2.84	1.55	U	<MDL	2.59	1.83	U	<MDL	2.58	1.44	U
Cesium-137	<MDL	2.98	1.67	U	<MDL	3.32	1.92	U	<MDL	2.68	1.54	U
Co-60	<MDL	3.2	1.62	U	<MDL	3.29	1.75	U	<MDL	3.49	1.78	U
Cobalt-57	<MDL	2.49	1.43	U	<MDL	1.94	1.17	U	<MDL	2.25	1.28	U
Europium-152	<MDL	7.43	4.25	U	<MDL	7.37	4.3	U	<MDL	8.04	4.58	U
Europium-154	<MDL	8.01	4.68	U	<MDL	9.35	5.37	U	<MDL	8.41	4.23	U
Europium-155	<MDL	10.7	6.05	U	<MDL	7.88	4.73	U	<MDL	9.72	5.62	U
Gross Alpha	<MDL	2.17	1.04	UJ-DL	<MDL	.949	.405	UJ	<MDL	2.09	.821	UJ-DL
Gross Beta	29.8	3.36	3.01	J	4.09	1.56	1	J	2.96	2.58	1.33	J-N2
Manganese-54	<MDL	2.9	1.71	U	<MDL	2.97	1.23	U	<MDL	2.66	1.41	U
Sodium-22	<MDL	2.88	1.68	U	<MDL	3.35	1.92	U	<MDL	3	1.51	U
Strontium-90	14.2	.323	.466		<MDL	.8	.375	U	<MDL	.696	.342	U
Tritium	<MDL	458	260	U	<MDL	621	336	U	<MDL	395	236	U
Vanadium-48					<MDL	6.33	3.99	U				
Zinc-65	<MDL	5.26	2.97	U	<MDL	6.3	3.98	U	<MDL	5.71	3.26	U

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	Well ID: 076-168 Date: 02/01/01 Depth: 46				Well ID: 076-168 Date: 07/26/01 Depth: 46				Well ID: 076-169 Date: 02/12/01 Depth: 46			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	16.1	10.4	U	<MDL	20.3	15.4	U-DL	<MDL	33.8	20	U-DL
Beryllium-7	<MDL	21.9	14.1	U	<MDL	25.2	13.6	U	<MDL	80.9	46.2	U
Cesium-134	<MDL	1.98	1.27	U	<MDL	2.64	1.68	U	<MDL	7.18	4.82	U
Cesium-137	<MDL	2.15	1.26	U	<MDL	2.89	1.73	U	<MDL	8.02	4.56	U
Co-60	<MDL	2.32	1.29	U	<MDL	2.74	1.57	U	<MDL	8.86	4.89	U
Cobalt-57	<MDL	1.87	1.11	U	<MDL	2.61	1.48	U	<MDL	6.2	3.7	U
Europium-152	<MDL	6.51	3.83	U	<MDL	8.05	7.89	U	<MDL	21.7	12.6	U
Europium-154	<MDL	6.05	3.59	U	<MDL	8.75	4.55	U	<MDL	23.3	13.5	U-DL
Europium-155	<MDL	8.3	4.73	U	<MDL	11	6.31	U	<MDL	25.4	14.9	U
Gross Alpha	<MDL	1.07	.347	UJ	<MDL	1.64	.81	UJ	<MDL	.449	.269	U
Gross Beta	5.39	1.69	1.09	J	7.36	2.81	1.76	J	28.2	1.28	1.4	
Manganese-54	<MDL	2.08	1.25	U	6.9	2.63	4.89	J-IN2	<MDL	7.9	5.11	U
Sodium-22	<MDL	2.17	1.29	U	<MDL	3.11	1.62	U	<MDL	8.37	4.86	U
Strontium-90	2.16	.638	.434		3.24	.538	.46		15.1	.698	.956	JT
Tritium	<MDL	612	333	U	<MDL	397	229	U	<MDL	512	287	U
Vanadium-48	<MDL	5.07	2.84	U					<MDL	19.3	13	U-DL
Zinc-65	<MDL	4.6	3	U	<MDL	6.09	3.87	U	<MDL	20.7	8.56	U-DL

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	Well ID: 076-169 Date: 07/31/01 Depth: 46				Well ID: 076-181 Date: 01/30/01 Depth: 65				Well ID: 076-181 Date: 07/25/01 Depth: 65			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	17.9	10.2	U	<MDL	27.4	18.6	U-DL	<MDL	12.8	7.33	U
Beryllium-7	<MDL	28	16.9	U	<MDL	31.3	18.4	U	<MDL	23.2	13.4	U
Cesium-134	<MDL	2.63	1.63	U	<MDL	3.09	1.99	U	<MDL	2.11	1.25	U
Cesium-137	<MDL	2.83	1.67	U	<MDL	3.49	1.88	U	<MDL	2.38	1.37	U
Co-60	<MDL	2.46	1.47	U	<MDL	3.4	2.04	U	<MDL	2.5	1.37	U
Cobalt-57	<MDL	2.63	1.52	U	<MDL	2.66	1.55	U	<MDL	2.15	1.28	U
Europium-152	<MDL	8.42	4.8	U	<MDL	8.97	5.21	U	<MDL	6.65	3.83	U
Europium-154	<MDL	9.51	5.06	U	<MDL	10.5	5.73	U	<MDL	6.94	3.66	U
Europium-155	<MDL	11.5	6.48	U	<MDL	11.9	6.77	U	<MDL	9.21	5.29	U
Gross Alpha	<MDL	1.38	.766	UJ	<MDL	1.02	.595	UJ	<MDL	.974	.263	UJ
Gross Beta	37.8	1.07	1.83	J	<MDL	2.14	1.3	UJ	<MDL	2.06	.839	UJ
Manganese-54	<MDL	3.18	1.67	U	<MDL	3.04	1.75	U	<MDL	1.93	1.19	U
Sodium-22	<MDL	3.41	1.82	U	<MDL	3.76	2.05	U	<MDL	2.49	1.31	U
Strontium-90	16.3	.322	.49		<MDL	.547	.253	U	<MDL	.332	.196	U
Tritium	<MDL	403	240	U	<MDL	464	257	U	<MDL	424	240	U
Vanadium-48					<MDL	5.65	3.44	U				
Zinc-65	<MDL	6.86	3.88	U	<MDL	6.98	3.63	U	<MDL	4.8	2.71	U

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	Well ID: 076-182 Date: 01/30/01 Depth: 85				Well ID: 076-182 Date: 07/25/01 Depth: 85				Well ID: 076-183 Date: 01/31/01 Depth: 25			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	16.9	11.4	U	<MDL	16.6	10.9	U	<MDL	11.9	7.26	U
Beryllium-7	<MDL	21.2	11.9	U	<MDL	29.1	15.8	U	<MDL	21	11.8	U
Cesium-134	<MDL	2.12	1.4	U	<MDL	2.84	1.74	U	<MDL	2	1.26	U
Cesium-137	<MDL	2.19	1.24	U	<MDL	3.35	1.96	U	3.49	2.22	2.44	J-N2
Co-60	<MDL	2.39	1.24	U	<MDL	2.91	1.75	U	<MDL	2.75	1.5	U
Cobalt-57	<MDL	1.98	1.13	U	<MDL	2.74	1.55	U	<MDL	2.01	1.14	U
Europium-152	<MDL	6.57	3.86	U	<MDL	8.06	4.51	U	<MDL	6.26	3.79	U
Europium-154	<MDL	5.65	3.2	U	<MDL	8.32	4.46	U	<MDL	6.03	3.58	U
Europium-155	<MDL	8.45	4.83	U	<MDL	11.2	6.41	U	<MDL	8.37	4.82	U
Gross Alpha	<MDL	1.16	.68	UJ	<MDL	1.68	.856	UJ	<MDL	1.15	.667	UJ
Gross Beta	<MDL	2.15	1.27	UJ	<MDL	2.8	1.35	UJ	2.54	2.1	1.3	J-N2
Manganese-54	<MDL	2.04	1.17	U	<MDL	3.2	1.73	U	<MDL	2.33	1.52	U
Sodium-22	<MDL	2.03	1.15	U	<MDL	2.98	1.6	U	<MDL	2.16	1.28	U
Strontium-90	<MDL	.489	.224	U	<MDL	.299	.171	UJ-T	<MDL	.699	.333	U
Tritium	<MDL	457	258	U	<MDL	426	244	U	<MDL	431	244	U
Vanadium-48	<MDL	3.86	2.35	U					<MDL	3.78	2.15	U
Zinc-65	<MDL	4.75	3.41	U	<MDL	5.07	3.18	U	<MDL	4.92	2.9	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU IV (AOC 6 Sr-90)

	Well ID: 076-183 Date: 07/26/01 Depth: 25				Well ID: 076-184 Date: 01/31/01 Depth: 65				Well ID: 076-184 Date: 07/26/01 Depth: 65			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	5.87	4.01	U	<MDL	11.7	7.15	U	<MDL	6.89	6.14	U
Beryllium-7	<MDL	30	15.8	U	<MDL	21.6	11.8	U	<MDL	39.9	21.1	U
Cesium-134	<MDL	2.89	1.66	U	<MDL	1.87	1.1	U	<MDL	3.78	2.21	U
Cesium-137	<MDL	3.2	1.76	U	<MDL	2.14	1.17	U	<MDL	3.94	2.16	U
Co-60	<MDL	3.68	2.08	U	<MDL	2.64	1.37	U	<MDL	4.32	2.25	U
Cobalt-57	<MDL	2.32	1.4	U	<MDL	1.92	1.06	U	<MDL	2.64	1.51	U
Europium-152	<MDL	7.95	4.62	U	<MDL	6.87	4	U	<MDL	9.89	5.85	U
Europium-154	<MDL	10.2	5.95	U	<MDL	6.22	3.88	U	<MDL	11.2	6.62	U
Europium-155	<MDL	8.89	5.42	U	<MDL	8.08	4.35	U	<MDL	10.6	6.21	U
Gross Alpha	<MDL	1.87	.703	UJ	.923	.811	.562	J-N2	<MDL	2.11	.879	UJ-DL
Gross Beta	<MDL	2.85	1.18	UJ	<MDL	2.02	1.21	UJ	<MDL	2.91	1.36	UJ
Manganese-54	<MDL	2.95	1.76	U	<MDL	2.19	1.27	U	<MDL	3.98	2.22	U
Sodium-22	<MDL	3.64	2.13	U	<MDL	2.23	1.39	U	<MDL	4.02	2.38	U
Strontium-90	<MDL	.329	.2	U	<MDL	.674	.308	U	<MDL	.382	.226	UJ-T
Tritium	<MDL	458	256	U	<MDL	425	246	U	<MDL	461	266	U
Vanadium-48					<MDL	3.84	2.15	U				
Zinc-65	<MDL	6.43	5.02	U	<MDL	5.06	2.78	U	<MDL	9.32	5.89	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU IV (AOC 6 Sr-90)

	Well ID: 076-262 Date: 01/31/01 Depth: 75				Well ID: 076-262 Date: 07/31/01 Depth: 75				Well ID: 076-263 Date: 01/31/01 Depth: 75			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	13.3	11.5	U	<MDL	16	9.86	U	22.7	19.1	16.4	N2
Beryllium-7	<MDL	21.5	12.9	U	<MDL	25.8	15.1	U	<MDL	19.6	13.9	U
Cesium-134	<MDL	2.12	1.38	U	<MDL	2.77	1.63	U	<MDL	2.08	1.56	U
Cesium-137	<MDL	2.61	1.46	U	<MDL	3.05	1.53	U	<MDL	2.13	1.18	U
Co-60	<MDL	2.6	1.47	U	<MDL	3.25	1.67	U	<MDL	2.77	1.39	U
Cobalt-57	<MDL	2.27	1.33	U	<MDL	2.44	1.38	U	<MDL	2.1	1.22	U
Europium-152	<MDL	6.79	4.11	U	<MDL	8.33	5.06	U	<MDL	6.95	4.02	U
Europium-154	<MDL	6.02	4.33	U	<MDL	8.86	4.8	U	<MDL	6.57	3.43	U
Europium-155	<MDL	9.13	5.47	U	<MDL	10.4	5.79	U	<MDL	8.53	5.14	U
Gross Alpha	<MDL	.878	.487	UJ	<MDL	1.23	.494	UJ	<MDL	1.03	.557	UJ
Gross Beta	<MDL	2.15	1.27	UJ	<MDL	2.46	1.08	UJ	15.7	1.88	1.52	
Manganese-54	<MDL	2.46	1.46	U	<MDL	2.94	1.53	U	<MDL	2.32	1.27	U
Sodium-22	<MDL	2.16	1.55	U	<MDL	3.19	1.73	U	<MDL	2.35	1.23	U
Strontium-90	<MDL	.669	.28	U	.798	.543	.344	J-TN2	5.17	.517	.527	
Tritium	<MDL	424	240	U	<MDL	383	225	U	<MDL	404	232	U
Vanadium-48	<MDL	3.9	2.35	U					<MDL	4.18	2.27	U
Zinc-65	<MDL	5.21	3.09	U	<MDL	6.18	3.44	U	<MDL	4.67	2.49	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU IV (AOC 6 Sr-90)

	Well ID: 076-263 Date: 07/25/01 Depth: 75				Well ID: 076-264 Date: 02/01/01 Depth: 60				Well ID: 076-264 Date: 07/26/01 Depth: 60			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	18.7	10.8	U	<MDL	15.4	10.8	U	<MDL	5.24	3.04	U
Beryllium-7	<MDL	23.5	13.2	U	<MDL	21.5	13	U	<MDL	22.7	12.6	U
Cesium-134	<MDL	2.21	1.46	U	<MDL	2.01	1.31	U	<MDL	2.68	1.51	U
Cesium-137	<MDL	2.45	1.35	U	<MDL	2.35	1.24	U	<MDL	2.91	1.66	U
Co-60	<MDL	2.43	1.31	U	<MDL	2.29	1.26	U	<MDL	3.36	1.84	U
Cobalt-57	<MDL	2.11	1.24	U	<MDL	2.2	1.25	U	<MDL	1.95	1.24	U
Europium-152	<MDL	6.86	3.85	U	<MDL	6.2	3.79	U	<MDL	7.65	4.37	U
Europium-154	<MDL	7.13	4.74	U	<MDL	6.26	2.46	U	<MDL	9.03	4.67	U
Europium-155	<MDL	8.94	5.31	U	<MDL	8.88	5.16	U	<MDL	7.99	4.77	U
Gross Alpha	<MDL	1.17	.442	UJ	<MDL	.691	.476	UJ	<MDL	1.35	.487	UJ
Gross Beta	9.06	2.52	1.79	J	<MDL	2.18	1.33	UJ	<MDL	2.63	1.13	UJ
Manganese-54	<MDL	2.06	1.11	U	<MDL	2.46	1.29	U	<MDL	2.75	1.44	U
Sodium-22	<MDL	2.55	1.7	U	<MDL	2.03	.881	U	<MDL	3.22	1.67	U
Strontium-90	5.05	.243	.257		<MDL	.262	.159	U	<MDL	.818	.363	UJ-TDL
Tritium	<MDL	423	250	U	<MDL	636	370	U	761	379	253	J
Vanadium-48					<MDL	4.74	3.31	U				
Zinc-65	<MDL	4.54	2.62	U	<MDL	5.29	2.71	U	<MDL	6.02	3.28	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU IV (AOC 6 Sr-90)

	Well ID: 076-265 Date: 02/08/01 Depth: 75				Well ID: 076-265 Date: 07/31/01 Depth: 75				Well ID: 076-314 Date: 02/01/01 Depth: 42			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	20.4	13.1	U-DL	<MDL	16.3	10.5	U	<MDL	12.3	7.68	U
Beryllium-7	<MDL	17.9	11.3	U	<MDL	34.7	20.4	U	<MDL	21.5	11.8	U
Cesium-134	<MDL	1.93	1.28	U	<MDL	3.4	2.28	U	<MDL	2.1	1.37	U
Cesium-137	2.35	2.15	2.66	J-N2	5.9	3.65	3.3	J-N2	<MDL	2.35	1.27	U
Co-60	<MDL	2.31	1.3	U	<MDL	4.16	2.41	U	<MDL	2.94	1.52	U
Cobalt-57	<MDL	1.95	1.1	U	<MDL	2.81	1.68	U	<MDL	2.09	1.2	U
Europium-152	<MDL	6.52	3.91	U	<MDL	10	5.73	U	<MDL	6.14	3.89	U
Europium-154	<MDL	6.61	4.04	U	<MDL	11.4	6.14	U	<MDL	6.31	3.51	U
Europium-155	<MDL	8.31	4.66	U	<MDL	11.5	6.71	U	<MDL	8.09	4.67	U
Gross Alpha	<MDL	.963	.548	U	<MDL	1.3	.394	UJ	<MDL	.921	.425	UJ
Gross Beta	<MDL	2.56	1.4	U	<MDL	2.04	1	UJ	<MDL	1.87	.885	UJ
Manganese-54	<MDL	1.8	1.1	U	<MDL	3.54	2.05	U	<MDL	2.32	1.34	U
Sodium-22	<MDL	2.36	1.44	U	<MDL	4.08	2.2	U	<MDL	2.26	1.26	U
Strontium-90	<MDL	.805	.358	UJDL	<MDL	.295	.17	U	<MDL	.666	.319	U
Tritium	529	494	307	J-N2	736	410	269	J	<MDL	624	336	U
Vanadium-48	<MDL	2.66	1.74	U					<MDL	4.61	2.57	U
Zinc-65	<MDL	4.39	2.91	U	<MDL	7.61	4.5	U	<MDL	4.57	2.71	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU IV (AOC 6 Sr-90)

	Well ID: 076-314 Date: 07/26/01 Depth: 42				Well ID: 076-317 Date: 02/01/01 Depth: 41				Well ID: 076-317 Date: 07/25/01 Depth: 41			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	18.6	14.2	U	<MDL	11.7	8.45	U	<MDL	14.3	8.74	U
Beryllium-7	<MDL	27.4	15	U	<MDL	23.2	12.9	U	<MDL	22.3	12.9	U
Cesium-134	<MDL	2.76	1.65	U	<MDL	2.11	1.26	U	<MDL	2	1.27	U
Cesium-137	<MDL	2.97	1.57	U	<MDL	2.24	1.27	U	<MDL	2.4	1.42	U
Co-60	<MDL	2.9	1.41	U	<MDL	2.89	1.56	U	<MDL	2.55	1.32	U
Cobalt-57	<MDL	2.4	1.39	U	<MDL	2.07	1.18	U	<MDL	2.08	1.21	U
Europium-152	<MDL	7.57	4.82	U	<MDL	6.31	3.98	U	<MDL	6.77	3.72	U
Europium-154	<MDL	7.48	4.08	U	<MDL	6.18	3.57	U	<MDL	7	3.69	U
Europium-155	<MDL	9.92	5.73	U	<MDL	8.75	4.88	U	<MDL	8.77	4.98	U
Gross Alpha	<MDL	1.64	.68	UJ	<MDL	.708	.418	UJ	<MDL	1.57	.278	UJ
Gross Beta	<MDL	3.25	1.24	UJ	2.76	1.65	.942	J	<MDL	2.99	1.24	UJ
Manganese-54	<MDL	2.79	1.87	U	<MDL	2.22	1.22	U	<MDL	2.37	1.27	U
Sodium-22	<MDL	2.68	1.46	U	<MDL	2.21	1.28	U	<MDL	2.51	1.32	U
Strontium-90	<MDL	.743	.345	UJ	<MDL	.591	.277	U	.445	.286	.18	J-N2
Tritium	<MDL	385	225	U	<MDL	631	339	U	<MDL	429	249	U
Vanadium-48					<MDL	4.51	2.39	U				
Zinc-65	<MDL	6.79	3.98	U	<MDL	5.46	2.96	U	<MDL	4.84	2.83	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU IV (AOC 6 Sr-90)

	Well ID: 076-373 Date: 02/01/01 Depth: 44				Well ID: 076-373 Date: 07/26/01 Depth: 44			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	11.1	7.47	U	<MDL	15.7	8.94	U
Beryllium-7	<MDL	20.9	11.5	U	<MDL	22.5	13.2	U
Cesium-134	<MDL	1.96	1.25	U	<MDL	2.71	1.63	U
Cesium-137	<MDL	2.29	1.21	U	<MDL	2.67	1.57	U
Co-60	<MDL	3.04	1.5	U	<MDL	3.49	1.73	U
Cobalt-57	<MDL	1.92	1.1	U	<MDL	2.56	1.64	U
Europium-152	<MDL	6.54	3.97	U	<MDL	8.19	4.68	U
Europium-154	<MDL	5.89	3.17	U	<MDL	7.67	4.58	U
Europium-155	<MDL	7.79	4.44	U	<MDL	10.5	5.94	U
Gross Alpha	<MDL	.944	.337	UJ	<MDL	1.25	.645	UJ
Gross Beta	<MDL	1.62	.86	UJ	.947	.924	.525	J-N2
Manganese-54	<MDL	2.13	1.18	U	<MDL	2.63	1.5	U
Sodium-22	<MDL	2.11	1.14	U	<MDL	2.73	1.63	U
Strontium-90	<MDL	.673	.329	U	<MDL	.727	.338	U
Tritium	<MDL	608	321	U	<MDL	389	223	U
Vanadium-48	<MDL	4.66	2.43	U				
Zinc-65	<MDL	4.79	2.47	U	<MDL	6	3.43	U

OU V

ANALYTICAL RESULTS

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU V

	Well ID:000-122 Date:03/16/01 Depth: 250			Well ID:000-122 Date:08/30/01 Depth: 250			Well ID:000-123 Date:03/16/01 Depth: 160		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	.34	.5	J	.26	.5	J	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	2.3	.5		2	.5		.26	.5	J
1,1-Dichloroethylene	.58	.5		.41	.5	J	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	.37	.5	J	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	.29	.5	J	.29	.5	J	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	.84	.5		.68	.5		ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	7.6	.5		5.5	.5		.42	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	12.32	0		9.14	0		.68	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU V

	Well ID:000-123 Date:08/30/01 Depth: 160			Well ID:000-141 Date:03/15/01 Depth: 47			Well ID:000-141 Date:08/24/01 Depth: 47		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	.34	.5	J
Methylene chloride	ND	.5	U	ND	1.2	U	ND	1.8	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		0	0		.34	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU V

	Well ID:000-142 Date:03/15/01 Depth: 155			Well ID:000-142 Date:08/24/01 Depth: 155			Well ID:000-143 Date:03/15/01 Depth: 250		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.88	U	ND	1.8	U	ND	.91	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		0	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU V

	Well ID:000-143 Date:08/24/01 Depth: 250			Well ID:000-144 Date:03/15/01 Depth: 35			Well ID:000-144 Date:08/24/01 Depth: 35		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	1.8	U	ND	1.2	U	ND	1.2	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		0	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU V

	Well ID:000-145 Date:03/15/01 Depth: 139			Well ID:000-145 Date:08/24/01 Depth: 139			Well ID:000-146 Date:03/15/01 Depth: 249		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	1	U	ND	.58	U	ND	.93	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		0	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU V

	Well ID:000-146 Date:08/24/01 Depth: 249			Well ID:000-147 Date:03/16/01 Depth: 44			Well ID:000-147 Date:08/30/01 Depth: 44		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	1.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		0	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU V

	Well ID:037-02 Date:03/13/01 Depth: 36			Well ID:037-02 Date:08/22/01 Depth: 36			Well ID:037-03 Date:03/13/01 Depth: 95		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	1.2	.5		1.4	.5		.73	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.2	0		1.4	0		.73	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU V

	Well ID:037-03 Date:08/22/01 Depth: 95			Well ID:037-04 Date:03/13/01 Depth: 183			Well ID:037-04 Date:08/22/01 Depth: 183		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.96	.5		ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	.39	.5	J	ND	.5	U	.27	.5	J
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.35	0		0	0		.27	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU V

	Well ID:041-01 Date:03/15/01 Depth: 14			Well ID:041-01 Date:08/29/01 Depth: 14			Well ID:041-02 Date:03/13/01 Depth: 95		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	2.2	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	1	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		0	0		2.28	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU V

	Well ID:041-02 Date:08/29/01 Depth: 95			Well ID:041-03 Date:03/15/01 Depth: 215			Well ID:041-03 Date:08/29/01 Depth: 215		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	1.8	U	.95	.5		ND	1.1	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	.27	.5	J	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.98	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.27	0		.95	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU V

	Well ID:049-05 Date:03/14/01 Depth: 95			Well ID:049-05 Date:08/29/01 Depth: 95			Well ID:049-06 Date:03/14/01 Depth: 180		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	.87	.5	
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	.27	.5	J
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	1.5	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	1	U	ND	.5	U	ND	.89	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	.25	.5	J
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		0	0		2.89	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU V

	Well ID:049-06 Date:08/29/01 Depth: 180			Well ID:050-01 Date:03/13/01 Depth: 215			Well ID:050-01 Date:08/30/01 Depth: 215		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	3.1	.5		ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	.3	.5	J	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	.95	.5		ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	3.2	U	.74	.5		.83	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	.45	.5	J	1.1	.5		.81	.5	
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	4.8	0		1.84	0		1.64	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU V

	Well ID:050-02 Date:03/13/01 Depth: 150			Well ID:050-02 Date:08/30/01 Depth: 150			Well ID:061-03 Date:03/13/01 Depth: 11		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	1.8	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.93	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		0	0		2.15	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU V

	Well ID:061-03 Date:08/28/01 Depth: 11			Well ID:061-04 Date:03/13/01 Depth: 95			Well ID:061-04 Date:08/29/01 Depth: 95		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	.43	.5	J	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		.43	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU V

	Well ID:061-05 Date:03/13/01 Depth: 200			Well ID:061-05 Date:08/28/01 Depth: 200			Well ID:600-15 Date:03/15/01 Depth: 200		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	6.6	.5		3.2	.5		ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	2	.5		1.2	.5		ND	.5	U
1,1-Dichloroethylene	3.2	.5		1.6	.5		ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	.36	.5	J	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	1.3	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	1.4	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	1.2	.5		.66	.5		ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	13.9	.5		10.2	.5		ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	27.59	0		16.86	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU V

	Well ID:600-15 Date:08/29/01 Depth: 250			Well ID:600-16 Date:03/15/01 Depth: 170			Well ID:600-16 Date:08/29/01 Depth: 170		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	1.1	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		0	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU V

	Well ID:600-18 Date:03/15/01 Depth: 40			Well ID:600-18 Date:08/29/01 Depth: 45			Well ID:600-19 Date:03/16/01 Depth: 60		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.85	U	ND	.5	U	ND	1.2	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		0	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU V

	Well ID:600-19 Date:08/22/01 Depth: 60			Well ID:600-20 Date:03/16/01 Depth: 160			Well ID:600-20 Date:08/22/01 Depth: 160		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	1.3	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		0	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU V

	Well ID:600-21 Date:03/16/01 Depth: 250			Well ID:600-21 Date:08/22/01 Depth: 250			Well ID:600-22 Date:03/16/01 Depth: 70		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	.38	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	1	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	2.7	.5		ND	.65	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	2.7	0		0	0		.38	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU V

	Well ID:600-22 Date:08/22/01 Depth: 70			Well ID:600-23 Date:03/16/01 Depth: 160			Well ID:600-23 Date:08/22/01 Depth: 160		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	.36	.5	J	ND	.5	U	.92	.5	
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.61	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.36	0		0	0		.92	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU V

	Well ID:600-24 Date:03/16/01 Depth: 238			Well ID:600-24 Date:08/22/01 Depth: 238			Well ID:600-25 Date:03/16/01 Depth: 62		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	1.7	.5	
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	1.2	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.6	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	.36	.5	J	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		.36	0		1.7	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU V

	Well ID:600-25 Date:08/29/01 Depth: 62			Well ID:600-26 Date:03/16/01 Depth: 160			Well ID:600-26 Date:08/29/01 Depth: 160		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	.74	.5		ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	1.3	.5		ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	1	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	2.04	0		0	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU V

	Well ID:600-27 Date:03/16/01 Depth: 250			Well ID:600-27 Date:08/29/01 Depth: 250		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U
Methylene chloride	ND	1.1	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U
TVOC	0	0		0	0	

EM - 2001 Groundwater Data: Pesticides / PCBs
Brookhaven National Laboratory
Project: OU V

	Well ID: 000-122 Date:03/16/01 Depth: 250			Well ID: 000-122 Date:08/30/01 Depth: 250			Well ID: 000-123 Date:03/16/01 Depth: 160			Well ID: 000-123 Date:08/30/01 Depth: 160			Well ID: 000-141 Date:03/15/01 Depth: 47		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
4,4''-DDD	ND	.049	U	ND	.048	U	ND	.049	U	ND	.048	U	ND	.05	U
4,4''-DDE	ND	.098	U	ND	.095	U	ND	.098	U	ND	.096	U	ND	.099	U
4,4''-DDT	.012	.098	J	ND	.095	U	.12	.098		ND	.096	U	ND	.099	U
Aldrin	ND	.049	U	ND	.048	U	.016	.049	J	ND	.048	U	ND	.05	U
alpha-BHC	ND	.049	U	ND	.048	U	ND	.049	U	ND	.048	U	ND	.05	U
Aroclor 1016	ND	.98	U	ND	.95	U	ND	.98	U	ND	.96	U	ND	.99	U
Aroclor 1221	ND	2	U	ND	1.9	U	ND	2	U	ND	1.9	U	ND	2	U
Aroclor 1232	ND	.98	U	ND	.95	U	ND	.98	U	ND	.96	U	ND	.99	U
Aroclor 1248	ND	.98	U	ND	.95	U	ND	.98	U	ND	.96	U	ND	.99	U
Aroclor 1254	ND	.98	U	ND	.95	U	ND	.98	U	ND	.96	U	ND	.99	U
Aroclor 1260	ND	.98	U	ND	.95	U	ND	.98	U	ND	.96	U	ND	.99	U
Aroclor-1242	ND	.98	U	ND	.95	U	ND	.98	U	ND	.96	U	ND	.99	U
beta-BHC	ND	.049	U	ND	.048	U	ND	.049	U	ND	.048	U	ND	.05	U
Chlordane	ND	.049	U	ND	.048	U	ND	.049	U	ND	.048	U	ND	.05	U
delta-BHC	ND	.098	U	ND	.095	U	ND	.098	U	ND	.096	U	ND	.099	U
Dieldrin	ND	.098	U	ND	.095	U	.011	.098	J	ND	.096	U	ND	.099	U
Endosulfan I	ND	.049	U	ND	.048	U	ND	.049	U	ND	.048	U	ND	.05	U
Endosulfan II	ND	.098	U	ND	.095	U	ND	.098	U	ND	.096	U	ND	.099	U
Endosulfan sulfate	ND	.098	U	ND	.095	U	ND	.098	U	ND	.096	U	ND	.099	U
Endrin	ND	.098	U	ND	.095	U	ND	.098	U	ND	.096	U	ND	.099	U
Endrin aldehyde	ND	.098	U	ND	.095	U	ND	.098	U	ND	.096	U	ND	.099	U
Endrin ketone	ND	.098	U				ND	.098	U				ND	.099	U
Heptachlor	ND	.049	U	ND	.048	U	ND	.049	U	ND	.048	U	ND	.05	U
Heptachlor epoxide	ND	.049	U	ND	.048	U	ND	.049	U	ND	.048	U	ND	.05	U
Lindane	ND	.049	U	ND	.048	U	ND	.049	U	ND	.048	U	ND	.05	U
Methoxychlor	ND	.49	U				ND	.49	U				ND	.5	U
Toxaphene	ND	4.9	U	ND	4.8	U	ND	4.9	U	ND	4.8	U	ND	5	U

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	Well ID: 000-141 Date:08/24/01 Depth: 47			Well ID: 000-142 Date:03/15/01 Depth: 155			Well ID: 000-142 Date:08/24/01 Depth: 155			Well ID: 000-143 Date:03/15/01 Depth: 250			Well ID: 000-143 Date:08/24/01 Depth: 250		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
4,4''-DDD	ND	.05	U	ND	.05	U	ND	.05	U	ND	.05	U	ND	.05	U
4,4''-DDE	ND	.1	U	ND	.099	U	ND	.1	U	ND	.099	U	ND	.1	U
4,4''-DDT	ND	.1	U	ND	.099	U	ND	.1	U	ND	.099	U	ND	.1	U
Aldrin	ND	.05	U	ND	.05	U	ND	.05	U	ND	.05	U	ND	.05	U
alpha-BHC	ND	.05	U	ND	.05	U	ND	.05	U	ND	.05	U	ND	.05	U
Aroclor 1016	ND	1	U	ND	.99	U	ND	1	U	ND	.99	U	ND	1	U
Aroclor 1221	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U
Aroclor 1232	ND	1	U	ND	.99	U	ND	1	U	ND	.99	U	ND	1	U
Aroclor 1248	ND	1	U	ND	.99	U	ND	1	U	ND	.99	U	ND	1	U
Aroclor 1254	ND	1	U	ND	.99	U	ND	1	U	ND	.99	U	ND	1	U
Aroclor 1260	ND	1	U	ND	.99	U	ND	1	U	ND	.99	U	ND	1	U
Aroclor-1242	ND	1	U	ND	.99	U	ND	1	U	ND	.99	U	ND	1	U
beta-BHC	ND	.05	U	ND	.05	U	ND	.05	U	ND	.05	U	ND	.05	U
Chlordane	ND	.05	U	ND	.05	U	ND	.05	U	ND	.05	U	ND	.05	U
delta-BHC	ND	.1	U	ND	.099	U	ND	.1	U	ND	.099	U	ND	.1	U
Dieldrin	ND	.1	U	ND	.099	U	ND	.1	U	ND	.099	U	ND	.1	U
Endosulfan I	ND	.05	U	ND	.05	U	ND	.05	U	ND	.05	U	ND	.05	U
Endosulfan II	ND	.1	U	ND	.099	U	ND	.1	U	ND	.099	U	ND	.1	U
Endosulfan sulfate	ND	.1	U	ND	.099	U	ND	.1	U	ND	.099	U	ND	.1	U
Endrin	ND	.1	U	ND	.099	U	ND	.1	U	ND	.099	U	ND	.1	U
Endrin aldehyde	ND	.1	U	ND	.099	U	ND	.1	U	ND	.099	U	ND	.1	U
Endrin ketone				ND	.099	U				ND	.099	U			
Heptachlor	ND	.05	U	ND	.05	U	ND	.05	U	ND	.05	U	ND	.05	U
Heptachlor epoxide	ND	.05	U	ND	.05	U	ND	.05	U	ND	.05	U	ND	.05	U
Lindane	ND	.05	U	ND	.05	U	ND	.05	U	ND	.05	U	ND	.05	U
Methoxychlor				ND	.5	U				ND	.5	U			
Toxaphene	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U

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	Well ID: 000-144 Date:03/15/01 Depth: 35			Well ID: 000-144 Date:08/24/01 Depth: 35			Well ID: 000-145 Date:03/15/01 Depth: 139			Well ID: 000-145 Date:08/24/01 Depth: 139			Well ID: 000-146 Date:03/15/01 Depth: 249		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
4,4''-DDD	ND	.048	U	ND	.05	U	ND	.05	U	ND	.05	U	ND	.049	U
4,4''-DDE	ND	.097	U	ND	.1	U	ND	.099	U	ND	.1	U	ND	.098	U
4,4''-DDT	ND	.097	U	ND	.1	U	ND	.099	U	ND	.1	U	ND	.098	U
Aldrin	ND	.048	U	ND	.05	U	ND	.05	U	ND	.05	U	ND	.049	U
alpha-BHC	ND	.048	U	ND	.05	U	ND	.05	U	ND	.05	U	ND	.049	U
Aroclor 1016	ND	.97	U	ND	1	U	ND	.99	U	ND	1	U	ND	.98	U
Aroclor 1221	ND	1.9	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U
Aroclor 1232	ND	.97	U	ND	1	U	ND	.99	U	ND	1	U	ND	.98	U
Aroclor 1248	ND	.97	U	ND	1	U	ND	.99	U	ND	1	U	ND	.98	U
Aroclor 1254	ND	.97	U	ND	1	U	ND	.99	U	ND	1	U	ND	.98	U
Aroclor 1260	ND	.97	U	ND	1	U	ND	.99	U	ND	1	U	ND	.98	U
Aroclor-1242	ND	.97	U	ND	1	U	ND	.99	U	ND	1	U	ND	.98	U
beta-BHC	ND	.048	U	ND	.05	U	ND	.05	U	ND	.05	U	ND	.049	U
Chlordane	ND	.048	U	ND	.05	U	ND	.05	U	ND	.05	U	ND	.049	U
delta-BHC	ND	.097	U	ND	.1	U	ND	.099	U	ND	.1	U	ND	.098	U
Dieldrin	ND	.097	U	ND	.1	U	ND	.099	U	ND	.1	U	ND	.098	U
Endosulfan I	ND	.048	U	ND	.05	U	ND	.05	U	ND	.05	U	ND	.049	U
Endosulfan II	ND	.097	U	ND	.1	U	ND	.099	U	ND	.1	U	ND	.098	U
Endosulfan sulfate	ND	.097	U	ND	.1	U	ND	.099	U	ND	.1	U	ND	.098	U
Endrin	ND	.097	U	ND	.1	U	ND	.099	U	ND	.1	U	ND	.098	U
Endrin aldehyde	ND	.097	U	ND	.1	U	ND	.099	U	ND	.1	U	ND	.098	U
Endrin ketone	ND	.097	U				ND	.099	U				ND	.098	U
Heptachlor	ND	.048	U	ND	.05	U	ND	.05	U	ND	.05	U	ND	.049	U
Heptachlor epoxide	ND	.048	U	ND	.05	U	ND	.05	U	ND	.05	U	ND	.049	U
Lindane	ND	.048	U	ND	.05	U	ND	.05	U	ND	.05	U	ND	.049	U
Methoxychlor	ND	.48	U				ND	.5	U				ND	.49	U
Toxaphene	ND	4.8	U	ND	5	U	ND	5	U	ND	5	U	ND	4.9	U

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	Well ID: 000-146 Date:08/24/01 Depth: 249			Well ID: 000-147 Date:03/16/01 Depth: 44			Well ID: 000-147 Date:08/30/01 Depth: 44			Well ID: 600-15 Date:03/15/01 Depth: 200			Well ID: 600-15 Date:08/29/01 Depth: 250		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
4,4''-DDD	ND	.05	U	ND	.05	U	ND	.048	U	ND	.049	U	ND	.048	U
4,4''-DDE	ND	.1	U	ND	.1	U	ND	.097	U	ND	.098	U	ND	.096	U
4,4''-DDT	ND	.1	U	.037	.1	J	ND	.097	U	ND	.098	U	ND	.096	U
Aldrin	ND	.05	U	ND	.05	U	ND	.048	U	ND	.049	U	ND	.048	U
alpha-BHC	ND	.05	U	ND	.05	U	ND	.048	U	ND	.049	U	ND	.048	U
Aroclor 1016	ND	1	U	ND	1	U	ND	.97	U	ND	.98	U	ND	.96	U
Aroclor 1221	ND	2	U	ND	2	U	ND	1.9	U	ND	2	U	ND	1.9	U
Aroclor 1232	ND	1	U	ND	1	U	ND	.97	U	ND	.98	U	ND	.96	U
Aroclor 1248	ND	1	U	ND	1	U	ND	.97	U	ND	.98	U	ND	.96	U
Aroclor 1254	ND	1	U	ND	1	U	ND	.97	U	ND	.98	U	ND	.96	U
Aroclor 1260	ND	1	U	ND	1	U	ND	.97	U	ND	.98	U	ND	.96	U
Aroclor-1242	ND	1	U	ND	1	U	ND	.97	U	ND	.98	U	ND	.96	U
beta-BHC	ND	.05	U	ND	.05	U	ND	.048	U	ND	.049	U	ND	.048	U
Chlordane	ND	.05	U	ND	.05	U	ND	.048	U	ND	.049	U	ND	.048	U
delta-BHC	ND	.1	U	ND	.1	U	ND	.097	U	ND	.098	U	ND	.096	U
Dieldrin	ND	.1	U	ND	.1	U	ND	.097	U	ND	.098	U	ND	.096	U
Endosulfan I	ND	.05	U	ND	.05	U	ND	.048	U	ND	.049	U	ND	.048	U
Endosulfan II	ND	.1	U	ND	.1	U	ND	.097	U	ND	.098	U	ND	.096	U
Endosulfan sulfate	ND	.1	U	ND	.1	U	ND	.097	U	ND	.098	U	ND	.096	U
Endrin	ND	.1	U	ND	.1	U	ND	.097	U	ND	.098	U	ND	.096	U
Endrin aldehyde	ND	.1	U	ND	.1	U	ND	.097	U	ND	.098	U	ND	.096	U
Endrin ketone				ND	.1	U				ND	.098	U			
Heptachlor	ND	.05	U	ND	.05	U	ND	.048	U	ND	.049	U	ND	.048	U
Heptachlor epoxide	ND	.05	U	ND	.05	U	ND	.048	U	ND	.049	U	ND	.048	U
Lindane	ND	.05	U	ND	.05	U	ND	.048	U	ND	.049	U	ND	.048	U
Methoxychlor				ND	.5	U				ND	.49	U			
Toxaphene	ND	5	U	ND	5	U	ND	4.8	U	ND	4.9	U	ND	4.8	U

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	Well ID: 600-16 Date:03/15/01 Depth: 170			Well ID: 600-16 Date:08/29/01 Depth: 170			Well ID: 600-18 Date:03/15/01 Depth: 40			Well ID: 600-18 Date:08/29/01 Depth: 45			Well ID: 600-19 Date:03/16/01 Depth: 60		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
4,4''-DDD	ND	.049	U	ND	.048	U	ND	.049	U	ND	.05	U	ND	.05	U
4,4''-DDE	ND	.098	U	ND	.096	U	ND	.098	U	ND	.099	U	ND	.1	U
4,4''-DDT	ND	.098	U	ND	.096	U	ND	.098	U	ND	.099	U	ND	.1	U
Aldrin	ND	.049	U	ND	.048	U	ND	.049	U	ND	.05	U	ND	.05	U
alpha-BHC	ND	.049	U	ND	.048	U	ND	.049	U	ND	.05	U	ND	.05	U
Aroclor 1016	ND	.98	U	ND	.96	U	ND	.98	U	ND	.99	U	ND	1	U
Aroclor 1221	ND	2	U	ND	1.9	U	ND	2	U	ND	2	U	ND	2	U
Aroclor 1232	ND	.98	U	ND	.96	U	ND	.98	U	ND	.99	U	ND	1	U
Aroclor 1248	ND	.98	U	ND	.96	U	ND	.98	U	ND	.99	U	ND	1	U
Aroclor 1254	ND	.98	U	ND	.96	U	ND	.98	U	ND	.99	U	ND	1	U
Aroclor 1260	ND	.98	U	ND	.96	U	ND	.98	U	ND	.99	U	ND	1	U
Aroclor-1242	ND	.98	U	ND	.96	U	ND	.98	U	ND	.99	U	ND	1	U
beta-BHC	ND	.049	U	ND	.048	U	ND	.049	U	ND	.05	U	ND	.05	U
Chlordane	ND	.049	U	ND	.048	U	ND	.049	U	ND	.05	U	ND	.05	U
delta-BHC	ND	.098	U	ND	.096	U	ND	.098	U	ND	.099	U	ND	.1	U
Dieldrin	ND	.098	U	ND	.096	U	ND	.098	U	ND	.099	U	ND	.1	U
Endosulfan I	ND	.049	U	ND	.048	U	ND	.049	U	ND	.05	U	ND	.05	U
Endosulfan II	ND	.098	U	ND	.096	U	ND	.098	U	ND	.099	U	ND	.1	U
Endosulfan sulfate	ND	.098	U	ND	.096	U	ND	.098	U	ND	.099	U	ND	.1	U
Endrin	ND	.098	U	ND	.096	U	ND	.098	U	ND	.099	U	ND	.1	U
Endrin aldehyde	ND	.098	U	ND	.096	U	ND	.098	U	ND	.099	U	ND	.1	U
Endrin ketone	ND	.098	U				ND	.098	U				ND	.1	U
Heptachlor	ND	.049	U	ND	.048	U	ND	.049	U	ND	.05	U	ND	.05	U
Heptachlor epoxide	ND	.049	U	ND	.048	U	ND	.049	U	ND	.05	U	ND	.05	U
Lindane	ND	.049	U	ND	.048	U	ND	.049	U	ND	.05	U	ND	.05	U
Methoxychlor	ND	.49	U				ND	.49	U				ND	.5	U
Toxaphene	ND	4.9	U	ND	4.8	U	ND	4.9	U	ND	5	U	ND	5	U

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	Well ID: 600-19 Date:08/22/01 Depth: 60			Well ID: 600-20 Date:03/16/01 Depth: 160			Well ID: 600-20 Date:08/22/01 Depth: 160			Well ID: 600-21 Date:03/16/01 Depth: 250			Well ID: 600-21 Date:08/22/01 Depth: 250		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
4,4''-DDD				ND	.05	U				ND	.05	U			
4,4''-DDE				ND	.1	U				ND	.1	U			
4,4''-DDT				ND	.1	U				ND	.1	U			
Aldrin				ND	.05	U				ND	.05	U			
alpha-BHC				ND	.05	U				ND	.05	U			
Aroclor 1016	ND	.097	U	ND	1	U	ND	.097	U	ND	1	U	ND	.097	U
Aroclor 1221	ND	.097	U	ND	2	U	ND	.097	U	ND	2	U	ND	.097	U
Aroclor 1232	ND	.097	U	ND	1	U	ND	.097	U	ND	1	U	ND	.097	U
Aroclor 1248	ND	.097	U	ND	1	U	ND	.097	U	ND	1	U	ND	.097	U
Aroclor 1254	ND	.097	U	ND	1	U	ND	.097	U	ND	1	U	ND	.097	U
Aroclor 1260	ND	.097	U	ND	1	U	ND	.097	U	ND	1	U	ND	.097	U
Aroclor-1242	ND	.097	U	ND	1	U	ND	.097	U	ND	1	U	ND	.097	U
beta-BHC				ND	.05	U				ND	.05	U			
Chlordane				ND	.05	U				ND	.05	U			
delta-BHC				ND	.1	U				ND	.1	U			
Dieldrin				ND	.1	U				ND	.1	U			
Endosulfan I				ND	.05	U				ND	.05	U			
Endosulfan II				ND	.1	U				ND	.1	U			
Endosulfan sulfate				ND	.1	U				ND	.1	U			
Endrin				ND	.1	U				ND	.1	U			
Endrin aldehyde				ND	.1	U				ND	.1	U			
Endrin ketone				ND	.1	U				ND	.1	U			
Heptachlor				ND	.05	U				ND	.05	U			
Heptachlor epoxide				ND	.05	U				ND	.05	U			
Lindane				ND	.05	U				ND	.05	U			
Methoxychlor				ND	.5	U				ND	.5	U			
Toxaphene				ND	5	U				ND	5	U			

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	Well ID: 600-22 Date:03/16/01 Depth: 70			Well ID: 600-22 Date:08/22/01 Depth: 70			Well ID: 600-23 Date:03/16/01 Depth: 160			Well ID: 600-23 Date:08/22/01 Depth: 160			Well ID: 600-24 Date:03/16/01 Depth: 238		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
4,4''-DDD	ND	.052	U				ND	.051	U				ND	.05	U
4,4''-DDE	ND	.1	U				ND	.1	U				ND	.1	U
4,4''-DDT	ND	.1	U				.0087	.1	J				ND	.1	U
Aldrin	ND	.052	U				ND	.051	U				ND	.05	U
alpha-BHC	ND	.052	U				ND	.051	U				ND	.05	U
Aroclor 1016	ND	1	U	ND	.1	U	ND	1	U	ND	.097	U	ND	1	U
Aroclor 1221	ND	2.1	U	ND	.1	U	ND	2	U	ND	.097	U	ND	2	U
Aroclor 1232	ND	1	U	ND	.1	U	ND	1	U	ND	.097	U	ND	1	U
Aroclor 1248	ND	1	U	ND	.1	U	ND	1	U	ND	.097	U	ND	1	U
Aroclor 1254	ND	1	U	ND	.1	U	ND	1	U	ND	.097	U	ND	1	U
Aroclor 1260	ND	1	U	ND	.1	U	ND	1	U	ND	.097	U	ND	1	U
Aroclor-1242	ND	1	U	ND	.1	U	ND	1	U	ND	.097	U	ND	1	U
beta-BHC	ND	.052	U				ND	.051	U				ND	.05	U
Chlordane	ND	.052	U				ND	.051	U				ND	.05	U
delta-BHC	ND	.1	U				ND	.1	U				ND	.1	U
Dieldrin	ND	.1	U				ND	.1	U				ND	.1	U
Endosulfan I	ND	.052	U				ND	.051	U				ND	.05	U
Endosulfan II	ND	.1	U				ND	.1	U				ND	.1	U
Endosulfan sulfate	ND	.1	U				ND	.1	U				ND	.1	U
Endrin	ND	.1	U				ND	.1	U				ND	.1	U
Endrin aldehyde	ND	.1	U				ND	.1	U				ND	.1	U
Endrin ketone	ND	.1	U				ND	.1	U				ND	.1	U
Heptachlor	ND	.052	U				ND	.051	U				ND	.05	U
Heptachlor epoxide	ND	.052	U				ND	.051	U				ND	.05	U
Lindane	ND	.052	U				ND	.051	U				ND	.05	U
Methoxychlor	ND	.52	U				ND	.51	U				ND	.5	U
Toxaphene	ND	5.2	U				ND	5.1	U				ND	5	U

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	Well ID: 600-24 Date:08/22/01 Depth: 238			Well ID: 600-25 Date:03/16/01 Depth: 62			Well ID: 600-25 Date:08/29/01 Depth: 62			Well ID: 600-26 Date:03/16/01 Depth: 160			Well ID: 600-26 Date:08/29/01 Depth: 160		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
4,4''-DDD				ND	.05	U	ND	.048	U	ND	.05	U	ND	.048	U
4,4''-DDE				ND	.1	U	ND	.096	U	ND	.1	U	ND	.097	U
4,4''-DDT				ND	.1	U	.0094	.096	JP	ND	.1	U	ND	.097	U
Aldrin				ND	.05	U	ND	.048	U	ND	.05	U	ND	.048	U
alpha-BHC				ND	.05	U	ND	.048	U	ND	.05	U	ND	.048	U
Aroclor 1016	ND	.1	U	ND	1	U	ND	.96	U	ND	1	U	ND	.97	U
Aroclor 1221	ND	.1	U	ND	2	U	ND	1.9	U	ND	2	U	ND	1.9	U
Aroclor 1232	ND	.1	U	ND	1	U	ND	.96	U	ND	1	U	ND	.97	U
Aroclor 1248	ND	.1	U	ND	1	U	ND	.96	U	ND	1	U	ND	.97	U
Aroclor 1254	ND	.1	U	ND	1	U	ND	.96	U	ND	1	U	ND	.97	U
Aroclor 1260	ND	.1	U	ND	1	U	ND	.96	U	ND	1	U	ND	.97	U
Aroclor-1242	ND	.1	U	ND	1	U	ND	.96	U	ND	1	U	ND	.97	U
beta-BHC				ND	.05	U	ND	.048	U	ND	.05	U	ND	.048	U
Chlordane				ND	.05	U	ND	.048	U	ND	.05	U	ND	.048	U
delta-BHC				ND	.1	U	ND	.096	U	ND	.1	U	ND	.097	U
Dieldrin				ND	.1	U	ND	.096	U	ND	.1	U	ND	.097	U
Endosulfan I				ND	.05	U	ND	.048	U	ND	.05	U	ND	.048	U
Endosulfan II				ND	.1	U	ND	.096	U	ND	.1	U	ND	.097	U
Endosulfan sulfate				ND	.1	U	ND	.096	U	ND	.1	U	ND	.097	U
Endrin				ND	.1	U	ND	.096	U	ND	.1	U	ND	.097	U
Endrin aldehyde				ND	.1	U	ND	.096	U	ND	.1	U	ND	.097	U
Endrin ketone				ND	.1	U				ND	.1	U			
Heptachlor				ND	.05	U	ND	.048	U	ND	.05	U	ND	.048	U
Heptachlor epoxide				ND	.05	U	ND	.048	U	ND	.05	U	ND	.048	U
Lindane				ND	.05	U	ND	.048	U	ND	.05	U	ND	.048	U
Methoxychlor				ND	.5	U				ND	.5	U			
Toxaphene				ND	5	U	ND	4.8	U	ND	5	U	ND	4.8	U

EM - 2001 Groundwater Data: Pesticides / PCBs
Brookhaven National Laboratory
Project: OU V

	Well ID: 600-27 Date:03/16/01 Depth: 250			Well ID: 600-27 Date:08/29/01 Depth: 250		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
4,4''-DDD	ND	.05	U	ND	.048	U
4,4''-DDE	ND	.1	U	ND	.096	U
4,4''-DDT	ND	.1	U	ND	.096	U
Aldrin	ND	.05	U	ND	.048	U
alpha-BHC	ND	.05	U	ND	.048	U
Aroclor 1016	ND	1	U	ND	.96	U
Aroclor 1221	ND	2	U	ND	1.9	U
Aroclor 1232	ND	1	U	ND	.96	U
Aroclor 1248	ND	1	U	ND	.96	U
Aroclor 1254	ND	1	U	ND	.96	U
Aroclor 1260	ND	1	U	ND	.96	U
Aroclor-1242	ND	1	U	ND	.96	U
beta-BHC	ND	.05	U	ND	.048	U
Chlordane	ND	.05	U	ND	.048	U
delta-BHC	ND	.1	U	ND	.096	U
Dieldrin	ND	.1	U	ND	.096	U
Endosulfan I	ND	.05	U	ND	.048	U
Endosulfan II	ND	.1	U	ND	.096	U
Endosulfan sulfate	ND	.1	U	ND	.096	U
Endrin	ND	.1	U	ND	.096	U
Endrin aldehyde	ND	.1	U	ND	.096	U
Endrin ketone	ND	.1	U			
Heptachlor	ND	.05	U	ND	.048	U
Heptachlor epoxide	ND	.05	U	ND	.048	U
Lindane	ND	.05	U	ND	.048	U
Methoxychlor	ND	.5	U			
Toxaphene	ND	5	U	ND	4.8	U

EM - 2001 Groundwater Data: Metals
Brookhaven National Laboratory
Project: OU V

	Well ID: 000-122 Date: 03/16/01 Depth: 250			Well ID: 000-122 Date: 08/30/01 Depth: 250			Well ID: 000-123 Date: 03/16/01 Depth: 160			Well ID: 000-123 Date: 08/30/01 Depth: 160			Well ID: 000-141 Date: 03/15/01 Depth: 47		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Aluminum	ND	7.57	U	ND	9.54	U	223	7.57		301	9.54		49.1	7.28	B
Antimony	ND	2.65	U	ND	5.08	U	ND	2.65	U	ND	5.08	U	ND	2.81	U
Arsenic	ND	2.33	U	ND	2.6	U	7.22	2.33	B	4.59	2.6	B	ND	4.06	U
Barium	27	.162	B	26.6	.248	B	18.9	.162	B	15.8	.248	B	38.2	1.34	B
Beryllium	ND	.158	U	ND	.212	U	ND	.158	U	ND	.212	U	ND	1.12	U
Cadmium	ND	.272	U	ND	.416	U	ND	.272	U	ND	.416	U	ND	.42	U
Calcium	3600	5	B	3340	24.7	B	4880	5	B	4000	24.7	B	4850	8.47	B
Chromium	ND	.582	U	ND	.57	U	.872	.582	B	ND	1.76	U	1.91	.65	B
Chromium hexavalent ion													12.1	5	
Cobalt	ND	.419	U	.963	.737	B	.975	.419	B	1.6	.737	B	1.24	.83	B
Copper	ND	.587	U	ND	1.02	U	ND	.587	U	ND	1.21	U	ND	1.22	U
Iron	113	3.27		385	2.24		10300	3.27		8420	2.24		6150	3.47	
Lead	ND	1.47	U	ND	2.43	U	ND	1.47	U	ND	2.43	U	ND	1.98	U
Magnesium	2100	3.63	B	1980	5.14	B	1380	3.63	B	1070	5.14	B	1970	6.17	B
Manganese	45.3	.338		61.5	.369		987	.338		861	.369		122	.45	
Mercury	ND	.057	U	.074	.064	B	ND	.057	U	ND	.064	U	ND	.057	U
Nickel	ND	.815	U	ND	1.26	U	ND	.815	U	ND	1.26	U	ND	1.37	U
Potassium	674	6.52	B	716	18.2	B	1410	6.52	B	1420	18.2	B	2310	27.4	B
Selenium	ND	2.93	U	ND	3.49	U	ND	2.93	U	ND	3.49	U	ND	2.8	U
Silver	ND	.871	U	ND	.666	U	ND	.871	U	ND	.666	U	ND	4.84	U
Sodium	11900	7.85	N	11100	15	N	8960	7.85	N	7110	15	N	5170	8.63	
Thallium	ND	3.88	U	ND	4.93	U	ND	3.88	U	ND	4.93	U	ND	3.27	U
Vanadium	ND	.638	U	ND	.482	U	2.01	.638	B	2.72	.482	B	2.7	.69	B
Zinc	ND	.72	U	12.2	.491	B	ND	.72	U	ND	4.06	U	ND	.78	U

EM - 2001 Groundwater Data: Metals
Brookhaven National Laboratory
Project: OU V

	Well ID: 000-141 Date: 08/24/01 Depth: 47			Well ID: 000-142 Date: 03/15/01 Depth: 155			Well ID: 000-142 Date: 08/24/01 Depth: 155			Well ID: 000-143 Date: 03/15/01 Depth: 250			Well ID: 000-143 Date: 08/24/01 Depth: 250		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Aluminum	72.4	9.54	B	ND	7.28	U	ND	9.54	U	325	7.28		99.5	9.54	B
Antimony	ND	5.08	U	ND	2.81	U	ND	5.08	U	ND	2.81	U	ND	5.08	U
Arsenic	6.68	2.6	B	ND	4.06	U	ND	2.6	U	ND	4.06	U	ND	2.6	U
Barium	37	.248	B	6.5	1.34	B	11.9	.248	B	8.19	1.34	B	7.81	.248	B
Beryllium	ND	.212	U	ND	1.06	U	ND	.212	U	ND	1.07	U	ND	.212	U
Cadmium	ND	.416	U	ND	.42	U	ND	.416	U	ND	.42	U	ND	.416	U
Calcium	4680	24.7	B	11700	8.47		15500	24.7		3350	8.47	B	3160	24.7	B
Chromium	ND	1.51	U	ND	.65	U	ND	.57	U	.96	.65	B	ND	1.14	U
Chromium hexavalent ion				ND	5	U				58	5				
Cobalt	ND	.737	U	ND	.83	U	ND	.737	U	ND	.83	U	.833	.737	B
Copper	ND	1.02	U	ND	1.22	U	ND	1.02	U	24.1	1.22	B	ND	1.02	U
Iron	6150	2.24		ND	191	U	1270	2.24		1400	3.47		1450	2.24	
Lead	ND	2.43	U	ND	1.98	U	ND	2.43	U	3.7	1.98		ND	2.43	U
Magnesium	2180	5.14	B	2780	6.17	B	4380	5.14	B	1090	6.17	B	1160	5.14	B
Manganese	70.7	.369		185	.45		472	.369		9.64	.45	B	13.1	.369	B
Mercury	ND	.064	U	ND	.057	U	ND	.064	U	ND	.057	U	ND	.064	U
Nickel	ND	1.26	U	ND	1.37	U	ND	1.26	U	ND	1.37	U	1.88	1.26	B
Potassium	2360	18.2	B	652	27.4	B	793	18.2	B	509	27.4	B	458	18.2	B
Selenium	ND	3.49	U	ND	2.8	U	ND	3.49	U	ND	2.8	U	ND	3.49	U
Silver	ND	.666	U	ND	2.9	U	ND	.666	U	ND	3.33	U	ND	.666	U
Sodium	4630	15	B	4450	8.63	B	5520	15		4030	8.63	B	4280	15	B
Thallium	ND	4.93	U	ND	3.27	U	ND	4.93	U	ND	3.27	U	ND	4.93	U
Vanadium	4.62	.482	B	ND	.69	U	ND	.482	U	1.52	.69	B	.612	.482	B
Zinc	ND	.491	U	ND	.78	U	ND	.491	U	2.2	.78	B	5.22	.491	B

EM - 2001 Groundwater Data: Metals
Brookhaven National Laboratory
Project: OU V

	Well ID: 000-144 Date: 03/15/01 Depth: 35			Well ID: 000-144 Date: 08/24/01 Depth: 35			Well ID: 000-145 Date: 03/15/01 Depth: 139			Well ID: 000-145 Date: 08/24/01 Depth: 139			Well ID: 000-146 Date: 03/15/01 Depth: 249		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Aluminum	762	7.28		515	9.54		ND	7.28	U	ND	9.54	U	228	7.28	
Antimony	ND	2.81	U	ND	5.08	U	ND	2.81	U	ND	5.08	U	ND	2.81	U
Arsenic	ND	4.06	U	3.54	2.6	B				ND	2.6	U	ND	4.06	U
Barium	17.3	1.34	B	14.2	.248	B	2.92	1.34	B	1.38	.248	B	9.97	1.34	B
Beryllium	ND	1.18	U	ND	.212	U	ND	1.07	U	ND	.212	U	ND	1.05	U
Cadmium	ND	.42	U	ND	.416	U	ND	.42	U	ND	.416	U	ND	.42	U
Calcium	773	8.47	B	883	24.7	B	13100	8.47		11700	24.7		5320	8.47	
Chromium	2.99	.65	B	ND	1.06	U	ND	.65	U	ND	.586	U	ND	.65	U
Chromium hexavalent ion															
Cobalt	ND	.83	U	ND	.737	U	ND	.83	U	ND	.737	U	ND	.83	U
Copper	ND	1.22	U	ND	1.02	U	ND	1.22	U	ND	1.02	U	ND	1.22	U
Iron	6200	3.47		1750	2.24		1100	3.47		1170	2.24		277	3.47	
Lead	8.07	1.98		ND	2.43	U	ND	1.98	U	ND	2.43	U	ND	1.98	U
Magnesium	502	6.17	B	640	5.14	B				2880	5.14	B	1490	6.17	B
Manganese	20.3	.45		12.9	.369	B	80.4	.45		80.6	.369		45.1	.45	
Mercury	ND	.057	U	ND	.064	U	ND	.057	U	ND	.064	U	ND	.057	U
Nickel	ND	1.37	U	ND	1.26	U	ND	1.37	U	ND	1.26	U	ND	1.37	U
Potassium	498	27.4	B	366	18.2	B	573	27.4	B	521	18.2	B	1360	27.4	B
Selenium	ND	2.8	U	ND	3.49	U	ND	2.8	U	ND	3.49	U	ND	2.8	U
Silver	ND	2.54	U	ND	.666	U	ND	3.03	U	ND	.666	U	ND	2.7	U
Sodium	4530	8.63	BE	3670	15	B	4270	8.63	BE	4370	15	B	8230	8.63	E
Thallium	ND	3.27	U	ND	4.93	U	ND	3.27	U	ND	4.93	U	ND	3.27	U
Vanadium	5.81	.69	B	1.75	.482	B	ND	.69	U	ND	.482	U	.81	.69	B
Zinc	13.6	.78	B	.664	.491	B	4.22	.78	B	ND	.491	U	41.8	.78	

EM - 2001 Groundwater Data: Metals
Brookhaven National Laboratory
Project: OU V

	Well ID: 000-146 Date: 08/24/01 Depth: 249			Well ID: 000-147 Date: 03/16/01 Depth: 44			Well ID: 000-147 Date: 08/30/01 Depth: 44			Well ID: 037-02 Date: 03/13/01 Depth: 36			Well ID: 037-02 Date: 08/22/01 Depth: 36		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Aluminum	431	9.54		733	7.57		743	9.54		68.9	7.57	B	198	9.54	B
Antimony	ND	5.08	U	ND	2.65	U	ND	5.08	U	ND	2.65	U	ND	5.08	U
Arsenic	ND	2.6	U	ND	2.33	U	ND	2.6	U	ND	2.33	U	ND	2.6	U
Barium	11.9	.248	B	16.6	.162	B	15.1	.248	B	14.2	.162	B	13.7	.248	B
Beryllium	ND	.212	U	ND	.158	U	ND	.212	U	ND	.158	U	ND	.212	U
Cadmium	ND	.416	U	ND	.272	U	ND	.416	U	ND	.272	U	ND	.416	U
Calcium	4980	24.7	B	4090	5	B	3490	24.7	B	1290	5	B	1400	24.7	B
Chromium	ND	1.65	U	2.03	.582	B	ND	1.81	U	ND	.582	U	.685	.57	B
Chromium hexavalent ion										ND	5	U	ND	5	U
Cobalt	ND	.737	U	ND	.419	U	.764	.737	B	ND	.419	U	ND	.737	U
Copper	1.56	1.02	B	1.37	.587	B	ND	1.03	U	ND	1.67	U	ND	1.02	U
Iron	516	2.24		3530	3.27		3490	2.24		ND	22.9	U	6.21	2.24	B
Lead	ND	2.43	U	ND	1.47	U	ND	2.43	U	ND	1.47	U	ND	2.43	U
Magnesium	1550	5.14	B	1250	3.63	B	904	5.14	B	1220	3.63	B	1410	5.14	B
Manganese	44	.369		68.2	.338		63	.369		21.4	.338		10.2	.369	B
Mercury	ND	.064	U	ND	.057	U	ND	.064	U	ND	.057	U	ND	.064	U
Nickel	1.46	1.26	B	ND	.815	U	ND	1.26	U	ND	.815	U	ND	1.26	U
Potassium	1210	18.2	B	1790	6.52	B	1750	18.2	B	792	6.52	B	802	18.2	B
Selenium	ND	3.49	U	ND	2.93	U	ND	3.49	U	ND	2.93	U	ND	3.49	U
Silver	ND	.666	U	ND	.871	U	ND	.666	U				ND	.666	U
Sodium	7430	15		4990	7.85	BN	7710	15	N	4620	7.85	B	4620	15	B
Thallium	ND	4.93	U	ND	3.88	U	ND	4.93	U	ND	3.88	U	ND	4.93	U
Vanadium	2.06	.482	B	5.95	.638	B	5.79	.482	B	ND	.638	U	ND	.482	U
Zinc	241	.491		20.9	.72		ND	2.53	U	ND	1.13	U	ND	.491	U

EM - 2001 Groundwater Data: Metals
Brookhaven National Laboratory
Project: OU V

	Well ID: 037-03 Date: 03/13/01 Depth: 95			Well ID: 037-03 Date: 08/22/01 Depth: 95			Well ID: 037-04 Date: 03/13/01 Depth: 183			Well ID: 037-04 Date: 08/22/01 Depth: 183			Well ID: 041-01 Date: 03/15/01 Depth: 14		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Aluminum	ND	7.57	U	ND	9.54	U	35.4	7.57	B	11.9	9.54	B	703	7.28	
Antimony	ND	2.65	U	ND	5.08	U	ND	2.65	U	5.83	5.08	B	ND	2.81	U
Arsenic	ND	2.33	U	ND	2.6	U	ND	2.33	U	ND	2.6	U	ND	4.06	U
Barium	14.4	.162	B	13.4	.248	B	11.8	.162	B	11.4	.248	B	11.8	1.34	B
Beryllium	ND	.158	U	ND	.212	U	ND	.158	U	ND	.212	U	ND	1.33	U
Cadmium	ND	.272	U	ND	.416	U	ND	.272	U	ND	.416	U	ND	.42	U
Calcium	1900	5	B	1730	24.7	B	6250	5		6110	24.7		544	8.47	B
Chromium	.728	.582	B	.952	.57	B	ND	.582	U	ND	.57	U	2.44	.65	B
Chromium hexavalent ion	ND	5	U	6	5	J	ND	5	U	ND	10	U	16	5	
Cobalt	ND	.419	U	ND	.737	U	ND	.419	U	ND	.737	U	2.16	.83	B
Copper	ND	1.38	U	ND	1.02	U	ND	3.25	U	ND	1.02	U	ND	1.22	U
Iron	ND	7.65	U	2.86	2.24	B	114	3.27		121	2.24		ND	69	U
Lead	ND	1.47	U	ND	2.43	U	ND	1.47	U	ND	2.43	U	ND	1.98	U
Magnesium	1460	3.63	B	1330	5.14	B	2270	3.63	B	2230	5.14	B	516	6.17	B
Manganese	.624	.338	B	.861	.369	B	8.11	.338	B	8.55	.369	B	32.7	.45	
Mercury	ND	.057	U	ND	.064	U	ND	.057	U	ND	.064	U	ND	.057	U
Nickel	ND	.815	U	ND	1.26	U	ND	.815	U	ND	1.26	U	ND	1.37	U
Potassium	540	6.52	B	559	18.2	B	594	6.52	B	653	18.2	BE	ND	256	U
Selenium	ND	2.93	U	ND	3.49	U	ND	2.93	U	ND	3.49	U	ND	2.8	U
Silver				ND	.666	U				ND	.666	U	ND	6.44	U
Sodium	7970	7.85		8060	15		4880	7.85	B	5270	15		1910	8.63	B
Thallium	ND	3.88	U	ND	4.93	U	ND	3.88	U	ND	4.93	U	ND	3.27	U
Vanadium	ND	.638	U	ND	.482	U	ND	.638	U	.706	.482	B	2.82	.69	B
Zinc	ND	.72	U	ND	.491	U	ND	.812	U	.496	.491	B	1.6	.78	B

EM - 2001 Groundwater Data: Metals
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Project: OU V

	Well ID: 041-01 Date: 08/29/01 Depth: 14			Well ID: 041-02 Date: 03/13/01 Depth: 95			Well ID: 041-02 Date: 08/29/01 Depth: 95			Well ID: 041-03 Date: 03/15/01 Depth: 215			Well ID: 041-03 Date: 08/29/01 Depth: 215		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Aluminum	520	9.54		ND	7.57	U	ND	9.54	U	ND	7.28	U	ND	9.54	U
Antimony	ND	5.08	U	ND	2.65	U	ND	5.08	U	ND	2.81	U	ND	5.08	U
Arsenic	ND	2.6	U	ND	2.33	U	ND	2.6	U	ND	4.06	U	ND	2.6	U
Barium	22.8	.248	B	12.2	.162	B	9.84	.248	B	4.79	1.34	B	4.64	.248	B
Beryllium	ND	.212	U	ND	.158	U	ND	.212	U	ND	1.04	U	ND	.212	U
Cadmium	ND	.416	U	ND	.272	U	ND	.416	U	ND	.42	U	ND	.416	U
Calcium	438	24.7	B	1520	5	B	1390	24.7	B	2550	8.47	B	1990	24.7	B
Chromium	ND	.57	U	.877	.582	B	ND	.57	U	1.83	.65	B	2.68	.57	B
Chromium hexavalent ion	ND	8	U	ND	5	U	ND	5	U	15	5		ND	7	U
Cobalt	ND	.737	U	ND	.419	U	ND	.737	U	ND	.83	U	ND	.737	U
Copper	ND	1.02	U	ND	6.84	U	ND	1.02	U	ND	1.22	U	ND	1.02	U
Iron	99	2.24	B	ND	15.7	U	ND	14.5	U	ND	18	U	ND	28.6	U
Lead	ND	2.43	U	ND	1.47	U	ND	2.43	U	ND	1.98	U	ND	2.43	U
Magnesium	351	5.14	B	1150	3.63	B	1080	5.14	B	1590	6.17	B	1270	5.14	B
Manganese	7.74	.369	B	1.44	.338	B	.977	.369	B	4.53	.45	B	1.09	.369	B
Mercury	.082	.064	B	ND	.057	U	.081	.064	B	ND	.057	U	.079	.064	B
Nickel	ND	1.26	U	ND	.815	U	ND	1.26	U	ND	1.37	U	ND	1.26	U
Potassium	226	18.2	B	459	6.52	B	408	18.2	B	425	27.4	B	323	18.2	B
Selenium	ND	3.49	U	ND	2.93	U	ND	3.49	U	ND	2.8	U	ND	3.49	U
Silver	ND	.666	U				ND	.666	U	ND	2.28	U	ND	.666	U
Sodium	1370	15	B	4380	7.85	B	4640	15	B	4720	8.63	B	4360	15	B
Thallium	ND	4.93	U	ND	3.88	U	ND	4.93	U	ND	3.27	U	ND	4.93	U
Vanadium	.485	.482	B	ND	.638	U	ND	.482	U	ND	.69	U	.714	.482	B
Zinc	ND	1.93	U	ND	.72	U	ND	1.38	U	ND	.78	U	ND	2.54	U

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	Well ID: 049-05 Date: 03/14/01 Depth: 95			Well ID: 049-05 Date: 08/29/01 Depth: 95			Well ID: 049-06 Date: 03/14/01 Depth: 180			Well ID: 049-06 Date: 08/29/01 Depth: 180			Well ID: 050-01 Date: 03/13/01 Depth: 215		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Aluminum	106	7.28	B	60	9.54	B	ND	7.28	U	ND	9.54	U	ND	7.57	U
Antimony	ND	2.81	U	ND	5.08	U	ND	2.81	U	ND	5.08	U	ND	2.65	U
Arsenic	ND	4.06	U	ND	2.6	U	ND	4.06	U	ND	2.6	U	ND	2.33	U
Barium	23.6	1.34	B	23.2	.248	B	12.5	1.34	B	24.1	.248	B	12.6	.162	B
Beryllium	ND	1.14	U	ND	.212	U	ND	1.03	U	ND	.212	U	ND	.158	U
Cadmium	ND	.42	U	ND	.416	U	ND	.42	U	ND	.416	U	ND	.272	U
Calcium	2320	8.47	B	1940	24.7	B	2750	8.47	B	5120	24.7		4210	5	B
Chromium	ND	.65	U	ND	.57	U	ND	.65	U	ND	.57	U	.61	.582	B
Chromium hexavalent ion	ND	5	U	ND	5	U	ND	5	U	ND	7	U	ND	5	U
Cobalt	17.2	.83	B	18.1	.737	B	ND	.83	U	ND	.737	U	1.13	.419	B
Copper	ND	1.22	U	1.13	1.02	B	ND	1.22	U	ND	1.02	U	ND	1.78	U
Iron	ND	49.1	U	ND	33.7	U	ND	36.9	U	ND	2.24	U	55.6	3.27	B
Lead	ND	1.98	U	ND	2.43	U	ND	1.98	U	ND	2.43	U	ND	1.47	U
Magnesium	1310	6.17	B	1130	5.14	B	1580	6.17	B	2970	5.14	B	1860	3.63	B
Manganese	482	.45		519	.369		.46	.45	B	.521	.369	B	541	.338	
Mercury	ND	.057	U	ND	.064	U	ND	.057	U	.067	.064	B	ND	.057	U
Nickel	2.67	1.37	B	1.96	1.26	B	ND	1.37	U	ND	1.26	U	.954	.815	B
Potassium	590	27.4	B	499	18.2	B	693	27.4	B	886	18.2	B	855	6.52	B
Selenium	ND	2.8	U	ND	3.49	U	ND	2.8	U	ND	3.49	U	ND	2.93	U
Silver	ND	1.92	U	ND	.666	U	ND	1.73	U	ND	.666	U			
Sodium	4980	8.63	BE	5020	15		5290	8.63	E	10600	15		10200	7.85	
Thallium	4.76	3.27	B	ND	4.93	U	ND	3.27	U	ND	4.93	U	ND	3.88	U
Vanadium	ND	.69	U	.573	.482	B	ND	.69	U	ND	.482	U	ND	.638	U
Zinc	ND	.78	U	ND	2.6	U	ND	.78	U	ND	2.1	U	ND	.974	U

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	Well ID: 050-01 Date: 08/30/01 Depth: 215			Well ID: 050-02 Date: 03/13/01 Depth: 150			Well ID: 050-02 Date: 08/30/01 Depth: 150			Well ID: 061-03 Date: 03/13/01 Depth: 11			Well ID: 061-03 Date: 08/28/01 Depth: 11		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Aluminum	ND	9.54	U	ND	7.57	U	ND	9.54	U	2760	7.57		1210	9.54	
Antimony	ND	5.08	U	ND	2.65	U	ND	5.08	U	ND	2.65	U	ND	5.08	U
Arsenic	ND	2.6	U	19	2.33		21	2.6		ND	2.33	U	ND	2.6	U
Barium	11.5	.248	B	30.5	.162	B	32.4	.248	B	27.7	.162	B	19.9	.248	B
Beryllium	ND	.212	U	ND	.158	U	ND	.212	U	.443	.158	B	.682	.212	B
Cadmium	ND	.416	U	.505	.272	B	ND	.416	U	ND	.272	U	ND	.416	U
Calcium	4100	24.7	B	2420	5	B	2910	24.7	B	1480	5	B	911	24.7	B
Chromium	ND	.978	U	ND	.582	U	ND	.57	U	2.46	.582	B	ND	.57	U
Chromium hexavalent ion	ND	18	U	ND	5	U	ND	9	U	17	5		5	5	J
Cobalt	1.59	.737	B	4.82	.419	B	5.96	.737	B	1.43	.419	B	.75	.737	B
Copper	ND	1.02	U	ND	.587	U	ND	1.02	U	ND	3.21	U	ND	1.02	U
Iron	ND	46.9	U	21700	3.27		25900	2.24		2630	3.27		265	2.24	
Lead	ND	2.43	U	ND	1.47	U	ND	2.43	U	ND	1.47	U	ND	2.43	U
Magnesium	1810	5.14	B	2570	3.63	B	3200	5.14	B	1500	3.63	B	1010	5.14	B
Manganese	467	.369		625	.338		651	.369		208	.338		91.6	.369	
Mercury	.079	.064	B	ND	.057	U	ND	.064	U	ND	.057	U	ND	.064	U
Nickel	ND	1.59	U	1.67	.815	B	ND	2.86	U	2	.815	B	ND	1.26	U
Potassium	851	18.2	B	2180	6.52	B	2400	18.2	B	1070	6.52	B	560	18.2	B
Selenium	ND	3.49	U	ND	2.93	U	ND	3.49	U	ND	2.93	U	ND	3.49	U
Silver	ND	.666	U				ND	.666	U				ND	.666	U
Sodium	9820	15	N	23700	7.85		23500	15	N	10100	7.85		4370	15	B
Thallium	ND	4.93	U	ND	3.88	U	ND	4.93	U	ND	3.88	U	ND	4.93	U
Vanadium	ND	.482	U	1.72	.638	B	1.11	.482	B	3.2	.638	B	.578	.482	B
Zinc	ND	3.08	U	ND	1.29	U	ND	2.31	U	ND	4.04	U	ND	2.29	U

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	Well ID: 061-04 Date: 03/13/01 Depth: 95			Well ID: 061-04 Date: 08/29/01 Depth: 95			Well ID: 061-05 Date: 03/13/01 Depth: 200			Well ID: 061-05 Date: 08/28/01 Depth: 200			Well ID: 600-15 Date: 03/15/01 Depth: 200		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Aluminum	ND	7.57	U	36.2	9.54	B	ND	7.57	U	ND	9.54	U	ND	7.28	U
Antimony	ND	2.65	U	ND	5.08	U	ND	2.65	U	ND	5.08	U	ND	2.81	U
Arsenic	ND	2.33	U	ND	2.6	U	ND	2.33	U	ND	2.6	U	ND	4.06	U
Barium	144	.162	B	98.6	.248	B	11.2	.162	B	9.24	.248	B	17.9	1.34	B
Beryllium	ND	.158	U	ND	.212	U	ND	.158	U	ND	.212	U	ND	1.08	U
Cadmium	ND	.272	U	ND	.416	U	ND	.272	U	.46	.416	B	ND	.42	U
Calcium	2930	5	B	2020	24.7	B	7730	5		6870	24.7		13300	8.47	
Chromium	ND	.582	U	ND	.57	U	ND	.582	U	ND	.57	U	5.44	.65	B
Chromium hexavalent ion	ND	5	UJ	ND	5	U	ND	5	U	ND	5	U	ND	5	U
Cobalt	1.34	.419	B	1.71	.737	B	.773	.419	B	.901	.737	B	ND	.83	U
Copper	ND	1.59	U	ND	1.02	U	ND	2.74	U	ND	1.02	U	ND	1.22	U
Iron	ND	111	U	68.8	2.24	B	ND	14.4	U	ND	18.8	U	ND	46.2	U
Lead	ND	1.47	U	ND	2.43	U	ND	1.47	U	2.87	2.43	B	ND	1.98	U
Magnesium	2180	3.63	B	1690	5.14	B	2400	3.63	B	2400	5.14	B	4270	6.17	B
Manganese	1270	.338		822	.369		50.1	.338		47.6	.369		413	.45	
Mercury	ND	.057	U	.084	.064	B	ND	.057	U	ND	.064	U	ND	.057	U
Nickel	2.57	.815	B	1.87	1.26	B	ND	.815	U	ND	1.26	U	3.99	1.37	B
Potassium	1020	6.52	B	894	18.2	B	1440	6.52	B	1370	18.2	B	1100	27.4	B
Selenium	ND	2.93	U	ND	3.49	U	ND	2.93	U	ND	3.49	U	ND	2.8	U
Silver				ND	.666	U				ND	.666	U	ND	2.21	U
Sodium	25400	7.85		25500	15		16400	7.85		17100	15		12700	8.63	
Thallium	ND	3.88	U	ND	4.93	U	ND	3.88	U	ND	4.93	U	ND	3.27	U
Vanadium	ND	.638	U	ND	.482	U	ND	.638	U	ND	.482	U	ND	.69	U
Zinc	ND	1.46	U	ND	2.2	U	.785	.72	B	ND	1.49	U	ND	.78	U

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	Well ID: 600-15 Date: 08/29/01 Depth: 250			Well ID: 600-16 Date: 03/15/01 Depth: 170			Well ID: 600-16 Date: 08/29/01 Depth: 170			Well ID: 600-18 Date: 03/15/01 Depth: 40			Well ID: 600-18 Date: 08/29/01 Depth: 45		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Aluminum	ND	9.54	U	ND	7.28	U	ND	9.54	U	ND	7.28	U	ND	9.54	U
Antimony	ND	5.08	U	ND	2.81	U	ND	5.08	U	ND	2.81	U	ND	5.08	U
Arsenic	ND	2.6	U	ND	4.06	U	ND	2.6	U	ND	4.06	U	ND	2.6	U
Barium	18.2	.248	B	13	1.34	B	15.5	.248	B	12.6	1.34	B	13	.248	B
Beryllium	ND	.212	U	ND	1	U	ND	.212	U	ND	1.04	U	ND	.212	U
Cadmium	ND	.416	U	ND	.42	U	ND	.416	U	ND	.42	U	ND	.416	U
Calcium	10600	24.7		3950	8.47	B	3750	24.7	B	1890	8.47	B	1920	24.7	B
Chromium	.729	.57	B	ND	.65	U	ND	.57	U	ND	.65	U	ND	.57	U
Chromium hexavalent ion				ND	5	U				ND	5	U			
Cobalt	.747	.737	B	ND	.83	U	ND	.737	U	ND	.83	U	ND	.737	U
Copper	ND	1.02	U	ND	1.22	U	ND	1.02	U	ND	1.22	U	ND	1.02	U
Iron	ND	8.34	U	ND	47.6	U	ND	63.5	U	ND	3.47	U	ND	10	U
Lead	ND	2.43	U	2.04	1.98	B	ND	2.43	U	ND	1.98	U	ND	2.43	U
Magnesium	4060	5.14	B	1480	6.17	B	1640	5.14	B	1490	6.17	B	1690	5.14	B
Manganese	375	.369		3.06	.45	B	7.13	.369	B	2.36	.45	B	2.11	.369	B
Mercury	ND	.064	U	ND	.057	U	.069	.064	B	ND	.057	U	.075	.064	B
Nickel	3.41	1.26	B	ND	1.37	U	ND	1.26	U	ND	1.37	U	ND	1.26	U
Potassium	1010	18.2	B	598	27.4	B	565	18.2	B	503	27.4	B	498	18.2	B
Selenium	ND	3.49	U	ND	2.8	U	ND	3.49	U	ND	2.8	U	ND	3.49	U
Silver	ND	.666	U	ND	2.97	U	ND	.666	U	ND	1.77	U	ND	.666	U
Sodium	12700	15		4720	8.63	B	7820	15		4120	8.63	B	4450	15	B
Thallium	ND	4.93	U	ND	3.27	U	ND	4.93	U	ND	3.27	U	ND	4.93	U
Vanadium	ND	.482	U	ND	.69	U	ND	.482	U	ND	.69	U	ND	.482	U
Zinc	ND	4.32	U	ND	.78	U	2.51	.491	B	ND	.78	U	ND	1.55	U

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	Well ID: 600-19 Date: 03/16/01 Depth: 60			Well ID: 600-19 Date: 08/22/01 Depth: 60			Well ID: 600-20 Date: 03/16/01 Depth: 160			Well ID: 600-20 Date: 08/22/01 Depth: 160			Well ID: 600-21 Date: 03/16/01 Depth: 250		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Aluminum	38.9	7.57	B	58.1	9.54	B	615	7.57		183	9.54	B	1260	7.57	
Antimony	ND	2.65	U	ND	5.08	U	ND	2.65	U	ND	5.08	U	ND	2.65	U
Arsenic	ND	2.33	U	ND	2.6	U	7.41	2.33	B	ND	2.6	U	4.76	2.33	B
Barium	36.5	.162	B	30.4	.248	B	64.6	.162	B	100	.248	B	ND	29.6	U
Beryllium	ND	.158	U	ND	.212	U	ND	.158	U	ND	.212	U	ND	.158	U
Cadmium	.408	.272	B	ND	.416	U	.276	.272	B	ND	.416	U	.922	.272	B
Calcium	10800	5		8750	24.7		4940	5	B	7460	24.7		6890	5	
Chromium	ND	.582	U	1.01	.57	B	1.48	.582	B	1.41	.57	B	24.7	.582	
Chromium hexavalent ion															
Cobalt	ND	.419	U	ND	.737	U	ND	.419	U	.784	.737	B	2.4	.419	B
Copper	ND	1.67	U	ND	1.02	U	ND	5.03	U	1.55	1.02	B	7.04	.587	B
Iron	ND	19.9	U	35.5	2.24	B	1740	3.27		284	2.24		3120	3.27	
Lead	ND	1.47	U	ND	2.43	U	3.91	1.47		ND	2.43	U	3.56	1.47	
Magnesium	2720	3.63	B	2250	5.14	B	2320	3.63	B	4170	5.14	B	1860	3.63	B
Manganese	468	.338		242	.369		67.3	.338		47.5	.369		557	.338	
Mercury	ND	.057	U	ND	.064	U	ND	.057	U	ND	.064	U	ND	.057	U
Nickel	ND	.815	U	ND	1.26	U	.832	.815	B	ND	1.26	U	31.6	.815	B
Potassium	2570	6.52	B	2190	18.2	B	2850	6.52	B	2500	18.2	B	1740	6.52	B
Selenium	ND	2.93	U	ND	3.49	U	ND	2.93	U	ND	3.49	U	ND	2.93	U
Silver	ND	.871	U	ND	.666	U	ND	.871	U	ND	.666	U	ND	.871	U
Sodium	24900	7.85		17200	15		29300	7.85		14700	15		107000	7.85	
Thallium	ND	3.88	U	ND	4.93	U	ND	3.88	U	ND	4.93	U	ND	3.88	U
Vanadium	ND	.638	U	ND	.482	U	3.33	.638	B	1.38	.482	B	4.96	.638	B
Zinc	ND	.72	U	1.3	.491	B	23.7	.72		17.9	.491	B	54.2	.72	

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	Well ID: 600-21 Date: 08/22/01 Depth: 250			Well ID: 600-22 Date: 03/16/01 Depth: 70			Well ID: 600-22 Date: 08/22/01 Depth: 70			Well ID: 600-23 Date: 03/16/01 Depth: 160			Well ID: 600-23 Date: 08/22/01 Depth: 160		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Aluminum	1180	9.54		15.4	7.57	B	ND	9.54	U	ND	7.57	U	ND	9.54	U
Antimony	ND	5.08	U	ND	2.65	U	ND	5.08	U	ND	2.65	U	ND	5.08	U
Arsenic	ND	2.6	U	ND	2.33	U	ND	2.6	U	ND	2.33	U	ND	2.6	U
Barium	60.2	.248	B	136	.162	B	108	.248	B	107	.162	B	110	.248	B
Beryllium	ND	.212	U	ND	.158	U	ND	.212	U	ND	.158	U	ND	.212	U
Cadmium	ND	.416	U	ND	.272	U	ND	.416	U	ND	.272	U	ND	.416	U
Calcium	8880	24.7		20800	5		17300	24.7		24800	5		24700	24.7	
Chromium	6.93	.57	B	.907	.582	B	ND	1.13	U	.791	.582	B	ND	1.05	U
Chromium hexavalent ion															
Cobalt	1.1	.737	B	ND	.419	U	ND	.737	U	ND	.419	U	ND	.737	U
Copper	2.86	1.02	B	.992	.587	B	ND	1.02	U	.77	.587	B	ND	1.02	U
Iron	1550	2.24		8.99	3.27	B	ND	12.5	U	ND	3.27	U	ND	24.9	U
Lead	3.33	2.43		1.77	1.47	B	ND	2.43	U	1.8	1.47	B	ND	2.43	U
Magnesium	3800	5.14	B	5150	3.63		4030	5.14	B	12100	3.63		12300	5.14	
Manganese	266	.369		9.17	.338	B	7.67	.369	B	.362	.338	B	ND	.369	U
Mercury	ND	.064	U	ND	.057	U	ND	.064	U	ND	.057	U	ND	.064	U
Nickel	10	1.26	B	ND	.815	U	1.43	1.26	B	ND	.815	U	ND	1.26	U
Potassium	2090	18.2	B	12300	6.52		10600	18.2	E	1050	6.52	B	1130	18.2	BE
Selenium	ND	3.49	U	ND	2.93	U	ND	3.49	U	ND	2.93	U	ND	3.49	U
Silver	ND	.666	U	ND	.871	U	ND	.666	U	ND	.871	U	ND	.666	U
Sodium	50300	15		11800	7.85	N	13800	15		7460	7.85	N	7860	15	
Thallium	ND	4.93	U	ND	3.88	U	ND	4.93	U	ND	3.88	U	ND	4.93	U
Vanadium	3.4	.482	B	ND	.638	U	ND	.482	U	ND	.638	U	.71	.482	B
Zinc	21.4	.491		2.32	.72	B	4.2	.491	B	ND	.72	U	1	.491	B

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Project: OU V

	Well ID: 600-24 Date: 03/16/01 Depth: 238			Well ID: 600-24 Date: 08/22/01 Depth: 238			Well ID: 600-25 Date: 03/16/01 Depth: 62			Well ID: 600-25 Date: 08/29/01 Depth: 62			Well ID: 600-26 Date: 03/16/01 Depth: 160		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Aluminum	106	7.57	B	74.5	9.54	B	131	7.57	B	98.5	9.54	B	ND	7.57	U
Antimony	ND	2.65	U	ND	5.08	U	ND	2.65	U	ND	5.08	U	ND	2.65	U
Arsenic	3.66	2.33	B	ND	2.6	U	ND	2.33	U	ND	2.6	U	2.65	2.33	B
Barium	21	.162	B	35.3	.248	B	74.3	.162	B	71.2	.248	B	ND	33.4	U
Beryllium	ND	.158	U	ND	.212	U	ND	.158	U	ND	.212	U	ND	.158	U
Cadmium	ND	.272	U	ND	.416	U	.294	.272	B	ND	.416	U	ND	.272	U
Calcium	17200	5		19400	24.7		11300	5		11000	24.7		6430	5	
Chromium	.9	.582	B	ND	.826	U	.793	.582	B	ND	.57	U	ND	.582	U
Chromium hexavalent ion															
Cobalt	ND	.419	U	ND	.737	U	ND	.419	U	ND	.737	U	ND	.419	U
Copper	.849	.587	B	ND	1.02	U	ND	.993	U	ND	1.02	U	ND	1.32	U
Iron	412	3.27		297	2.24		111	3.27		110	2.24		574	3.27	
Lead	1.74	1.47	B	ND	2.43	U	ND	1.47	U	ND	2.43	U	ND	1.47	U
Magnesium	7910	3.63		7070	5.14		2570	3.63	B	2500	5.14	B	2970	3.63	B
Manganese	16.7	.338		15.8	.369		43	.338		36.5	.369		10.3	.338	B
Mercury	ND	.057	U	ND	.064	U	ND	.057	U	.073	.064	B	ND	.057	U
Nickel	ND	.815	U	1.54	1.26	B	ND	.815	U	1.46	1.26	B	ND	.815	U
Potassium	1250	6.52	B	2080	18.2	BE	3640	6.52	B	3650	18.2	B	978	6.52	B
Selenium	ND	2.93	U	ND	3.49	U	ND	2.93	U	ND	3.49	U	ND	2.93	U
Silver	ND	.871	U	ND	.666	U	ND	.871	U	ND	.666	U	ND	.871	U
Sodium	8520	7.85	N	8690	15		3730	7.85	B	3700	15	B	6630	7.85	
Thallium	ND	3.88	U	ND	4.93	U	ND	3.88	U	ND	4.93	U	ND	3.88	U
Vanadium	1.24	.638	B	1.11	.482	B	.708	.638	B	.558	.482	B	ND	.638	U
Zinc	1.94	.72	B	2.01	.491	B	ND	.72	U	ND	1.52	U	2.69	.72	B

EM - 2001 Groundwater Data: Metals
Brookhaven National Laboratory
Project: OU V

	Well ID: 600-26 Date: 08/29/01 Depth: 160			Well ID: 600-27 Date: 03/16/01 Depth: 250			Well ID: 600-27 Date: 08/29/01 Depth: 250		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Aluminum	ND	9.54	U	ND	7.57	U	560	9.54	
Antimony	ND	5.08	U	ND	2.65	U	ND	5.08	U
Arsenic	ND	2.6	U	8.28	2.33	B	8.41	2.6	B
Barium	34.6	.248	B	ND	15.6	U	17.7	.248	B
Beryllium	ND	.212	U	ND	.158	U	ND	.212	U
Cadmium	ND	.416	U	ND	.272	U	.546	.416	B
Calcium	6670	24.7		2480	5	B	2400	24.7	B
Chromium	ND	.57	U	ND	.582	U	1.02	.57	B
Chromium hexavalent ion									
Cobalt	ND	.737	U	ND	.419	U	1.38	.737	B
Copper	ND	1.02	U	ND	.587	U	ND	1.02	U
Iron	329	2.24		23100	3.27		21700	2.24	
Lead	ND	2.43	U	1.8	1.47	B	ND	2.43	U
Magnesium	3090	5.14	B	491	3.63	B	562	5.14	B
Manganese	5.31	.369	B	198	.338		194	.369	
Mercury	.087	.064	B	ND	.057	U	ND	.064	U
Nickel	ND	1.26	U	ND	.815	U	1.48	1.26	B
Potassium	1110	18.2	B	529	6.52	B	590	18.2	B
Selenium	ND	3.49	U	ND	2.93	U	ND	6.98	U
Silver	ND	.666	U	ND	.871	U	ND	.666	U
Sodium	7030	15		5480	7.85		5400	15	
Thallium	ND	4.93	U	ND	3.88	U	ND	4.93	U
Vanadium	ND	.482	U	ND	.638	U	1.84	.482	B
Zinc	ND	5.45	U	ND	.72	U	7.69	.491	B

EM - 2001 Groundwater Data: Chemistry Parameters
Brookhaven National Laboratory
Project: OU V

	Well ID:000-122 Date:03/16/01 Depth: 250			Well ID:000-122 Date:08/30/01 Depth: 250			Well ID:000-123 Date:03/16/01 Depth: 160			Well ID:000-123 Date:08/30/01 Depth: 160			Well ID:000-141 Date:03/15/01 Depth: 47		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Ammonia (as N)	ND	23.5	U	ND	23.5	U	320	23.5		300	23.5		ND	23.5	U
Cyanide	ND	13.8	U	6.24	2.89		ND	27.6	U	ND	2.89	U	ND	13.8	U
Nitrite + Nitrate-N	190	6.9		ND	6.9	U	ND	6.9	U	ND	10	U	910	6.9	
Nitrogen	220	56.5		100	56.5		580	56.5		670	56.5		960	56.5	
Total Kjeldahl Nitrogen	ND	56.5	U	90	56.5	J	580	56.5		660	56.5		ND	56.5	U

EM - 2001 Groundwater Data: Chemistry Parameters
Brookhaven National Laboratory
Project: OU V

	Well ID:000-141 Date:08/24/01 Depth: 47			Well ID:000-142 Date:03/15/01 Depth: 155			Well ID:000-142 Date:08/24/01 Depth: 155			Well ID:000-143 Date:03/15/01 Depth: 250			Well ID:000-143 Date:08/24/01 Depth: 250		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Ammonia (as N)	ND	23.5	U	ND	23.5	U	60	23.5		ND	23.5	U	ND	23.5	U
Cyanide	ND	6.7	U	ND	13.8	U	ND	4.84	U	ND	27.6	U	ND	8.73	U
Nitrite + Nitrate-N	ND	930	U	ND	6.9	U	ND	20	U	ND	6.9	U	ND	10	U
Nitrogen	930	56.5		ND	56.5	U	ND	56.5	U	ND	56.5	U	ND	56.5	U
Total Kjeldahl Nitrogen	ND	56.5	U	ND	56.5	U	ND	56.5	U	ND	56.5	U	ND	56.5	U

EM - 2001 Groundwater Data: Chemistry Parameters
Brookhaven National Laboratory
Project: OU V

	Well ID:000-144 Date:03/15/01 Depth: 35			Well ID:000-144 Date:08/24/01 Depth: 35			Well ID:000-145 Date:03/15/01 Depth: 139			Well ID:000-145 Date:08/24/01 Depth: 139			Well ID:000-146 Date:03/15/01 Depth: 249		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Ammonia (as N)	ND	23.5	U	60	23.5		ND	23.5	U	30	23.5	J	ND	23.5	U
Cyanide	ND	13.8	U	ND	2.89	U	ND	27.6	U	ND	2.89	U	ND	13.8	U
Nitrite + Nitrate-N	120	6.9		ND	10	U	ND	6.9	U	ND	10	U	80	6.9	
Nitrogen	380	56.5		ND	56.5	U	120	56.5		ND	56.5	U	120	56.5	
Total Kjeldahl Nitrogen	260	56.5		ND	56.5	U	120	56.5		ND	56.5	U	ND	56.5	U

EM - 2001 Groundwater Data: Chemistry Parameters
Brookhaven National Laboratory
Project: OU V

	Well ID:000-146 Date:08/24/01 Depth: 249			Well ID:000-147 Date:03/16/01 Depth: 44			Well ID:000-147 Date:08/30/01 Depth: 44			Well ID:037-02 Date:03/13/01 Depth: 36			Well ID:037-02 Date:08/22/01 Depth: 36		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Ammonia (as N)	ND	23.5	U	70	23.5		210	23.5		ND	23.5	U	ND	23.5	U
Cyanide	ND	3.83	U	ND	13.8	U	4.93	2.89	J	ND	13.8	U	ND	2.89	U
Nitrite + Nitrate-N	140	6.9		ND	6.9	U	ND	10	U	ND	6.9	U	ND	20	U
Nitrogen	140	56.5		530	56.5		690	56.5		ND	56.5	U	ND	56.5	U
Total Kjeldahl Nitrogen	ND	56.5	U	530	56.5		680	56.5		ND	56.5	U	ND	56.5	U

EM - 2001 Groundwater Data: Chemistry Parameters
Brookhaven National Laboratory
Project: OU V

	Well ID:037-03 Date:03/13/01 Depth: 95			Well ID:037-03 Date:08/22/01 Depth: 95			Well ID:037-04 Date:03/13/01 Depth: 183			Well ID:037-04 Date:08/22/01 Depth: 183			Well ID:041-01 Date:03/15/01 Depth: 14		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Ammonia (as N)	ND	23.5	U	ND	23.5	U	ND	23.5	U	30	23.5	J	ND	23.5	U
Cyanide	ND	13.8	U	3.08	2.89	J	ND	13.8	U	ND	2.89	U	ND	27.6	U
Nitrite + Nitrate-N	270	6.9		230	6.9		ND	6.9	U	ND	30	U	ND	6.9	U
Nitrogen	270	56.5		230	56.5		ND	56.5	U	ND	56.5	U	ND	56.5	U
Total Kjeldahl Nitrogen	ND	56.5	U	ND	56.5	U	ND	56.5	U	ND	56.5	U	ND	56.5	U

EM - 2001 Groundwater Data: Chemistry Parameters
Brookhaven National Laboratory
Project: OU V

	Well ID:041-01 Date:08/29/01 Depth: 14			Well ID:041-02 Date:03/13/01 Depth: 95			Well ID:041-02 Date:08/29/01 Depth: 95			Well ID:041-03 Date:03/15/01 Depth: 215			Well ID:041-03 Date:08/29/01 Depth: 215		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Ammonia (as N)	ND	23.5	U	ND	23.5	U	ND	23.5	U	ND	23.5	U	ND	23.5	U
Cyanide	ND	2.89	U	ND	13.8	U	ND	2.89	U	ND	13.8	U	ND	2.89	U
Nitrite + Nitrate-N	480	6.9		ND	6.9	U	ND	10	U	150	6.9		270	6.9	
Nitrogen	590	56.5		ND	56.5	U	100	56.5		150	56.5		350	56.5	
Total Kjeldahl Nitrogen	110	56.5		ND	56.5	U	90	56.5	J	ND	56.5	U	80	56.5	J

EM - 2001 Groundwater Data: Chemistry Parameters
Brookhaven National Laboratory
Project: OU V

	Well ID:049-05 Date:03/14/01 Depth: 95			Well ID:049-05 Date:08/29/01 Depth: 95			Well ID:049-06 Date:03/14/01 Depth: 180			Well ID:049-06 Date:08/29/01 Depth: 180			Well ID:050-01 Date:03/13/01 Depth: 215		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Ammonia (as N)	ND	23.5	U	ND	23.5	U	ND	23.5	U	ND	23.5	U	ND	23.5	U
Cyanide	ND	13.8	U	ND	12.3	U	25.7	13.8	J	ND	13.1	U	ND	13.8	U
Nitrite + Nitrate-N	10	6.9	J	ND	10	U	760	6.9		ND	2800	U	1470	6.9	
Nitrogen	120	56.5		100	56.5		780	56.5		2890	56.5		1500	56.5	
Total Kjeldahl Nitrogen	110	56.5		90	56.5	J	ND	56.5	U	90	56.5	J	ND	56.5	U

EM - 2001 Groundwater Data: Chemistry Parameters
Brookhaven National Laboratory
Project: OU V

	Well ID:050-01 Date:08/30/01 Depth: 215			Well ID:050-02 Date:03/13/01 Depth: 150			Well ID:050-02 Date:08/30/01 Depth: 150			Well ID:061-03 Date:03/13/01 Depth: 11			Well ID:061-03 Date:08/28/01 Depth: 11		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Ammonia (as N)	ND	23.5	U	910	23.5		920	23.5		ND	23.5	U	40	23.5	J
Cyanide	ND	2.89	U	ND	13.8	U	ND	2.89	U	ND	13.8	U	ND	2.89	U
Nitrite + Nitrate-N	1400	6.9		10	6.9	J	ND	10	U	ND	6.9	U	ND	10	U
Nitrogen	1520	56.5		970	56.5		1170	56.5		ND	56.5	U	10	56.5	
Total Kjeldahl Nitrogen	120	56.5		960	56.5		1160	56.5		ND	56.5	U	ND	56.5	U

EM - 2001 Groundwater Data: Chemistry Parameters
Brookhaven National Laboratory
Project: OU V

	Well ID:061-04 Date:03/13/01 Depth: 95			Well ID:061-04 Date:08/29/01 Depth: 95			Well ID:061-05 Date:03/13/01 Depth: 200			Well ID:061-05 Date:08/28/01 Depth: 200			Well ID:600-15 Date:03/15/01 Depth: 200		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Ammonia (as N)	ND	23.5	U	ND	23.5	U	960	23.5		830	23.5		ND	23.5	U
Cyanide	ND	13.8	U	ND	2.89	U	ND	13.8	U	ND	6.28	U	ND	13.8	U
Nitrite + Nitrate-N	3420	20.7		1640	6.9		4320	20.7		ND	3600	U	230	6.9	
Nitrogen	3430	56.5		1750	56.5		5220	56.5		4060	56.5		230	56.5	
Total Kjeldahl Nitrogen	ND	56.5	U	110	56.5		900	56.5		460	56.5		ND	56.5	U

EM - 2001 Groundwater Data: Chemistry Parameters
Brookhaven National Laboratory
Project: OU V

	Well ID:600-15 Date:08/29/01 Depth: 250			Well ID:600-16 Date:03/15/01 Depth: 170			Well ID:600-16 Date:08/29/01 Depth: 170			Well ID:600-18 Date:03/15/01 Depth: 40			Well ID:600-18 Date:08/29/01 Depth: 45		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Ammonia (as N)	ND	23.5	U	ND	23.5	U	ND	23.5	U	ND	23.5	U	ND	23.5	U
Cyanide	ND	2.89	U	ND	27.6	U	ND	2.89	U	ND	13.8	U	ND	6.19	U
Nitrite + Nitrate-N	120	6.9		ND	6.9	U	ND	10	U	ND	6.9	U	ND	10	U
Nitrogen	190	56.5		ND	56.5	U	60	56.5	J	ND	56.5	U	70	56.5	J
Total Kjeldahl Nitrogen	70	56.5	J	ND	56.5	U	ND	56.5	U	ND	56.5	U	60	56.5	J

EM - 2001 Groundwater Data: Chemistry Parameters
Brookhaven National Laboratory
Project: OU V

	Well ID:600-19 Date:03/16/01 Depth: 60			Well ID:600-19 Date:08/22/01 Depth: 60			Well ID:600-20 Date:03/16/01 Depth: 160			Well ID:600-20 Date:08/22/01 Depth: 160			Well ID:600-21 Date:03/16/01 Depth: 250		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Ammonia (as N)	ND	23.5	U	ND	23.5	U	50	23.5		80	23.5		ND	23.5	U
Cyanide	128	13.8	J	ND	2.89	U	ND	13.8	U	ND	2.89	U	ND	13.8	U
Nitrite + Nitrate-N	1890	6.9		2060	6.9		80	6.9		800	6.9		190	6.9	
Nitrogen	1940	56.5		2080	56.5		660	56.5		840	56.5		610	56.5	
Total Kjeldahl Nitrogen	ND	56.5	U	ND	56.5	U	580	56.5		ND	56.5	U	420	56.5	

EM - 2001 Groundwater Data: Chemistry Parameters
Brookhaven National Laboratory
Project: OU V

	Well ID:600-21 Date:08/22/01 Depth: 250			Well ID:600-22 Date:03/16/01 Depth: 70			Well ID:600-22 Date:08/22/01 Depth: 70			Well ID:600-23 Date:03/16/01 Depth: 160			Well ID:600-23 Date:08/22/01 Depth: 160		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Ammonia (as N)	ND	23.5	U	ND	23.5	U	ND	23.5	U	ND	23.5	U	ND	23.5	U
Cyanide	ND	2.89	U	ND	27.6	U	ND	2.89	U	ND	27.6	U	ND	2.89	U
Nitrite + Nitrate-N	640	6.9		6810	20.7		6150	34.5		6600	20.7		6900	34.5	
Nitrogen	650	56.5		6880	56.5		6240	56.5		6600	56.5		6970	56.5	
Total Kjeldahl Nitrogen	ND	56.5	U	70	56.5	J	90	56.5	J	ND	56.5	U	70	56.5	J

EM - 2001 Groundwater Data: Chemistry Parameters
Brookhaven National Laboratory
Project: OU V

	Well ID:600-24 Date:03/16/01 Depth: 238			Well ID:600-24 Date:08/22/01 Depth: 238			Well ID:600-25 Date:03/16/01 Depth: 62			Well ID:600-25 Date:08/29/01 Depth: 62			Well ID:600-26 Date:03/16/01 Depth: 160		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Ammonia (as N)	ND	23.5	U	ND	23.5	U	ND	23.5	U	ND	23.5	U	ND	23.5	U
Cyanide	ND	13.8	U	ND	2.89	U	ND	13.8	U	ND	2.95	U	ND	13.8	U
Nitrite + Nitrate-N	2190	6.9		2800	6.9		5520	20.7		5750	34.5		1450	6.9	
Nitrogen	2240	56.5		2870	56.5		5590	56.5		5860	283		1510	56.5	
Total Kjeldahl Nitrogen	ND	56.5	U	70	56.5	J	70	56.5	J	110	56.5		60	56.5	J

EM - 2001 Groundwater Data: Chemistry Parameters
Brookhaven National Laboratory
Project: OU V

	Well ID:600-26 Date:08/29/01 Depth: 160			Well ID:600-27 Date:03/16/01 Depth: 250			Well ID:600-27 Date:08/29/01 Depth: 250		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Ammonia (as N)	ND	23.5	U	ND	23.5	U	100	23.5	
Cyanide	ND	7.7	U	ND	13.8	U	ND	4.07	U
Nitrite + Nitrate-N	1600	6.9		ND	6.9	U	ND	10	U
Nitrogen	1680	56.5		100	56.5		210	56.5	
Total Kjeldahl Nitrogen	80	56.5	J	100	56.5		200	56.5	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU V

	Well ID: 000-122 Date: 03/16/01 Depth: 250				Well ID: 000-122 Date: 08/30/01 Depth: 250				Well ID: 000-123 Date: 03/16/01 Depth: 160			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	12.7	7.41	U	<MDL	10.5	13.9	U	<MDL	5.15	3.36	U
	<MDL	15.7	9.04	U								
Beryllium-7	<MDL	145	87.4	U	<MDL	22.1	28.8	U	<MDL	21.7	12.4	U
	<MDL	18.7	11.1	U								
Bismuth-214	--	--	--	R-N4								
Cesium-134	<MDL	3.19	1.91	U	<MDL	2.16	2.79	U	<MDL	2.64	1.73	U
	<MDL	2.17	1.48	U								
Cesium-137	<MDL	2.97	1.73	U	<MDL	2.38	2.82	U	<MDL	3.06	1.72	U
	<MDL	2.42	1.43	U								
Co-60	<MDL	2.84	1.63	U	<MDL	2.39	2.71	U	<MDL	2.79	1.58	U
	<MDL	2.39	1.35	U								
Cobalt-57	<MDL	2.01	1.17	U	<MDL	1.85	2.24	U	<MDL	1.8	1.08	U
	<MDL	3.83	2.23	U								
Europium-152	<MDL	6.28	3.8	U	<MDL	6.25	7.3	U	<MDL	7.18	4.36	U
	<MDL	7.83	4.77	U								
Europium-154	<MDL	7.08	3.97	U	<MDL	6.83	7.81	U	<MDL	8.09	4.68	U
	<MDL	9.73	5.2	U								
Europium-155	<MDL	11.6	6.83	U	<MDL	6.88	17.5	U-N5	<MDL	7.66	4.44	U
	<MDL	8.7	4.96	U								
Gross Alpha	<MDL	1.46	.77	UJ	<MDL	1.83	.658	UJ	<MDL	.525	.38	UJ
Gross Beta	<MDL	2.07	1.06	UJ	<MDL	1.27	.534	UJ	3.18	1.72	1.01	J
Manganese-54	<MDL	2.15	1.32	U	<MDL	2.1	2.77	U	<MDL	2.91	1.71	U
	<MDL	4.17	2.36	U								
Sodium-22	<MDL	2.52	1.41	U	<MDL	2.45	2.81	U	<MDL	2.89	1.67	U
	<MDL	3.74	2	U								
Strontium-90												
Tritium	<MDL	496	302	U	<MDL	445	276	U	<MDL	495	280	U
Vanadium-48	<MDL	2.84	1.51	U					<MDL	3.5	1.95	U
Zinc-65	<MDL	8.94	6.38	U	<MDL	4.17	5.62	U	<MDL	5.48	3.38	U
	<MDL	5.19	3.32	U								

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	Well ID: 000-123 Date: 08/30/01 Depth: 160				Well ID: 000-141 Date: 03/15/01 Depth: 47				Well ID: 000-141 Date: 08/24/01 Depth: 47			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	15.9	13.6	26.2	J-I N2	<MDL	14.5	8.21	U	<MDL	3.42	4.52	U
Beryllium-7	<MDL	30.6	39	U	<MDL	21.6	13.1	U	<MDL	23.7	28.1	U
Bismuth-214												
Cesium-134	<MDL	2.97	3.65	U	<MDL	2.48	2.12	U	<MDL	2.25	3.45	U
Cesium-137	<MDL	2.85	3.45	U	<MDL	2.61	1.45	U	<MDL	2.49	3.43	U
Co-60	<MDL	3.11	3.88	U	<MDL	2.92	1.91	U	<MDL	2.4	2.82	U
Cobalt-57	<MDL	2.39	2.91	U	<MDL	2.29	1.37	U	<MDL	1.37	1.66	U
Europium-152	<MDL	7.9	9.63	U	<MDL	8.04	4.56	U	<MDL	5.69	6.93	U
Europium-154	<MDL	6.94	8.13	U	<MDL	7.12	4.71	U	<MDL	7.6	8.9	U
Europium-155	<MDL	9.09	11.1	U	<MDL	9.64	5.74	U	<MDL	5.42	6.45	U
Gross Alpha	4.44	1.2	1.09	J	<MDL	1.07	.66	UJ	<MDL	.453	.303	UJ
Gross Beta	3.58	1.27	.901	J	<MDL	2.17	1.31	UJ	2.34	.801	.529	J
Manganese-54	<MDL	3.06	3.83	U	<MDL	2.51	1.4	U	<MDL	2.36	3.29	U
Sodium-22	<MDL	2.5	2.93	U	<MDL	2.54	1.68	U	<MDL	2.75	3.21	U
Strontium-90									<MDL	.527	.26	U
Tritium	<MDL	438	254	U	<MDL	484	271	U	<MDL	436	250	U
Vanadium-48					<MDL	3.09	1.88	U				
Zinc-65	<MDL	7.81	10.5	U	<MDL	5.55	3.49	U	<MDL	5.29	7.28	U

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	Well ID: 000-142 Date: 03/15/01 Depth: 155				Well ID: 000-142 Date: 08/24/01 Depth: 155				Well ID: 000-143 Date: 03/15/01 Depth: 250			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	13.8	8.87	U	<MDL	4.42	5.5	U	<MDL	13.8	7.91	U
Beryllium-7	<MDL	26.3	15.1	U	<MDL	34.4	48.5	U	<MDL	19.1	11.1	U
Bismuth-214												
Cesium-134	<MDL	3.19	2.12	U	<MDL	2.77	3.73	U	<MDL	2.34	1.68	U
Cesium-137	<MDL	3.69	2.05	U	<MDL	3.28	4.04	U	<MDL	2.58	1.52	U
Co-60	<MDL	3.3	1.85	U	<MDL	3.36	3.74	U	<MDL	2.38	1.26	U
Cobalt-57	<MDL	2.72	1.68	U	<MDL	2	2.53	U	<MDL	2.26	1.28	U
Europium-152	<MDL	10.1	5.55	U	<MDL	8.06	9.85	U	<MDL	6.71	3.94	U
Europium-154	<MDL	10.4	5.94	U	<MDL	8.25	10.3	U	<MDL	7.7	4.2	U
Europium-155	<MDL	12.2	7.49	U	<MDL	7.33	9.51	U	<MDL	8.95	5.28	U
Gross Alpha	<MDL	.988	.532	UJ	<MDL	.611	.338	UJ	<MDL	1.05	.677	UJ
Gross Beta	<MDL	2.1	1.22	UJ	1.74	.815	.518	J	<MDL	2.25	1.34	UJ
Manganese-54	<MDL	2.98	1.84	U	<MDL	3.43	5.71	U	<MDL	2.25	1.4	U
Sodium-22	<MDL	3.71	2.12	U	<MDL	2.98	3.71	U	<MDL	2.74	1.5	U
Strontium-90					<MDL	.593	.296	UJ-T				
Tritium	<MDL	488	268	U	<MDL	407	227	U	<MDL	491	273	U
Vanadium-48	<MDL	3.67	2.1	U					<MDL	2.72	1.58	U
Zinc-65	<MDL	6.87	4.34	U	<MDL	6.33	8.2	U	<MDL	6.08	3.73	U

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	Well ID: 000-143 Date: 08/24/01 Depth: 250				Well ID: 000-144 Date: 03/15/01 Depth: 35				Well ID: 000-144 Date: 08/24/01 Depth: 35			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	2.63	3.52	U	<MDL	18.6	12.6	U	3.26	2.59	3.1	J-IN2
					<MDL	17.2	9.58	U				
Beryllium-7	<MDL	20.2	23.5	U	<MDL	22	11.8	U	20.4	20	22.8	J-IN2
					<MDL	162	88.6	U				
Bismuth-214					--	--	--	R-N4				
Cesium-134	<MDL	1.67	2.02	U	<MDL	2.14	1.51	U	<MDL	1.68	2.04	U
					<MDL	2.63	1.75	U				
Cesium-137	<MDL	1.81	2.16	U	<MDL	2.77	1.75	U	<MDL	1.86	2.21	U
					<MDL	3.35	2.55	U				
Co-60	<MDL	1.91	2.29	U	<MDL	2.75	1.45	U	<MDL	1.81	2.51	U
					<MDL	3.36	1.59	U				
Cobalt-57	2.18	1.19	1.47	J-IN2	<MDL	2.02	1.18	U	<MDL	1.13	1.46	U
					<MDL	3.69	2.09	U				
Europium-152	<MDL	4.87	5.88	U	<MDL	6.91	4.3	U	<MDL	4.89	5.92	U
					<MDL	8.55	5.45	U				
Europium-154	<MDL	5.31	6.35	U	<MDL	7.56	4.3	U	<MDL	5.04	6.43	U
					<MDL	7.94	4.77	U				
Europium-155	<MDL	4.37	5.53	U	<MDL	8.86	5.83	U	<MDL	4.13	5.28	U
					<MDL	11.7	6.44	U				
Gross Alpha	<MDL	.573	.303	UJ	<MDL	1.27	.759	UJ	<MDL	.476	.304	UJ
Gross Beta	<MDL	.995	.56	UJ	2.81	2.16	1.34	J-N2	2.02	.883	.558	J
Manganese-54	<MDL	1.69	3.44	U	<MDL	2.5	1.49	U	<MDL	1.81	2.5	U
					<MDL	3.58	1.93	U				
Sodium-22	<MDL	1.92	2.29	U	<MDL	3.05	2.09	U	<MDL	1.82	2.32	U
					<MDL	2.7	1.53	U				
Strontium-90	<MDL	.538	.273	UJ-T					<MDL	.659	.345	UJ-T
Tritium	<MDL	411	223	U	<MDL	478	271	U	<MDL	421	249	U
Vanadium-48					<MDL	2.77	1.83	U				
Zinc-65	<MDL	4.3	5.2	U	<MDL	8.52	5.76	U	<MDL	3.79	4.77	U
					<MDL	5.28	3.31	U				

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	Well ID: 000-145 Date: 03/15/01 Depth: 139				Well ID: 000-145 Date: 08/24/01 Depth: 139				Well ID: 000-146 Date: 03/15/01 Depth: 249			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	15.8	8.73	U	<MDL	8.79	10.5	U	<MDL	18	10	U
	<MDL	13.8	8.72	U					<MDL	18.5	11.1	U
Beryllium-7	<MDL	145	83.8	U	<MDL	18.4	21.9	U	<MDL	149	90.6	U
	<MDL	22.1	12.7	U					<MDL	15.6	12.4	U
Bismuth-214	--	--	--	R-N4								
Cesium-134	<MDL	3.11	2.07	U	<MDL	1.51	2.22	U	<MDL	2.67	1.88	U
	<MDL	2.28	1.51	U					<MDL	1.81	1.11	U
Cesium-137	<MDL	3.03	1.77	U	<MDL	1.56	2.05	U	<MDL	2.92	1.63	U
	<MDL	2.43	1.4	U					--	--	--	R-N4
Co-60	<MDL	2.67	1.47	U	<MDL	1.78	2.29	U	<MDL	3.42	1.8	U
	<MDL	3.77	1.8	U					<MDL	2.26	1.12	U
Cobalt-57	<MDL	3.4	2.01	U	<MDL	1.37	1.66	U	<MDL	1.71	.982	U
	<MDL	2.22	1.3	U					<MDL	3.65	2.1	U
Europium-152	<MDL	7.17	4.21	U	<MDL	4.53	5.6	U	<MDL	5.7	3.5	U
	<MDL	7.99	4.41	U					<MDL	8.51	4.66	U
Europium-154	<MDL	7.87	4.25	U	<MDL	4.86	6.43	U	<MDL	6.2	3.41	U
	<MDL	9.83	5.06	U					<MDL	12.2	6	U
Europium-155	<MDL	9.38	5.52	U	<MDL	5.63	6.81	U	<MDL	12	6.97	U
	<MDL	11.3	6.29	U					<MDL	7.69	4.24	U
Gross Alpha	<MDL	.836	.472	UJ	<MDL	.457	.27	UJ	<MDL	1.19	.637	UJ
Gross Beta	<MDL	2.04	1.2	UJ	<MDL	.807	.471	UJ	<MDL	2.12	1.26	UJ
Manganese-54	<MDL	3.9	2.36	U	<MDL	1.84	2.12	U	<MDL	3.56	2.04	U
	<MDL	2.3	1.39	U					<MDL	1.65	.971	U
Sodium-22	<MDL	2.8	1.52	U	<MDL	1.76	2.32	U	<MDL	2.21	1.21	U
	<MDL	3.78	1.95	U					<MDL	4.69	2.29	U
Strontium-90					<MDL	.436	.217	UJ-T				
Tritium	<MDL	482	263	U	<MDL	400	236	U	<MDL	483	266	U
Vanadium-48	<MDL	2.82	1.68	U					<MDL	2.34	1.34	U
Zinc-65	<MDL	5.49	3.37	U	<MDL	3.72	4.55	U	<MDL	4.29	2.42	U
	<MDL	9.57	4.91	U					<MDL	10.1	5.39	U

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	Well ID: 000-146 Date: 08/24/01 Depth: 249				Well ID: 000-147 Date: 03/16/01 Depth: 44				Well ID: 000-147 Date: 08/30/01 Depth: 44			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	7.46	9.67	U	<MDL	16.6	9.53	U	<MDL	13	22	U
					<MDL	15.5	11.6	U				
Beryllium-7	<MDL	17.8	21.4	U	<MDL	19.4	11.1	U	<MDL	36.7	41.4	U
					<MDL	159	86.4	U				
Bismuth-214					--	--	--	R-N4				
Cesium-134	<MDL	1.75	2.11	U	<MDL	2.84	1.62	U	<MDL	3.1	3.5	U
					<MDL	2.2	1.33	U				
Cesium-137	<MDL	1.66	2.24	U	<MDL	3.28	1.81	U	<MDL	2.59	3.2	U
					<MDL	2.49	1.4	U				
Co-60	<MDL	1.8	2.02	U	<MDL	3.18	1.66	U	<MDL	3.52	4.31	U
					<MDL	2.69	1.45	U				
Cobalt-57	<MDL	1.32	1.55	U	<MDL	3.34	1.96	U	<MDL	2.21	2.72	U
					<MDL	2.15	1.27	U				
Europium-152	<MDL	4.66	6.45	U	<MDL	7.75	4.59	U	<MDL	8.17	10.1	U
					9.09	6.93	5.55	J-IN2				
Europium-154	<MDL	5.22	6.08	U	<MDL	9.42	4.92	U	<MDL	11	13.3	U
					<MDL	7.1	4.77	U				
Europium-155	<MDL	5.09	6.19	U	<MDL	11.2	6.19	U	<MDL	8.91	10.4	U
					<MDL	9.43	5.34	U				
Gross Alpha	<MDL	.538	.331	UJ	--	--	--	R-N4	7.88	2.33	1.98	J
Gross Beta	1.68	.73	.471	J	--	--	--	R-N4	7.85	2.24	1.57	J
Manganese-54	<MDL	1.75	2.11	U	<MDL	4.31	2.56	U	<MDL	3.16	3.85	U
					<MDL	2.31	1.51	U				
Sodium-22	<MDL	1.88	2.19	U	<MDL	3.61	1.89	U	<MDL	3.94	4.79	U
					<MDL	2.43	1.7	U				
Strontium-90	<MDL	.633	.377	UJ-T								
Tritium	<MDL	443	247	U	<MDL	476	263	U	<MDL	446	261	U
Vanadium-48					<MDL	2.69	1.47	U				
Zinc-65	<MDL	3.79	4.5	U	<MDL	8.4	4.73	U	<MDL	6.43	7.7	U
					<MDL	5.25	3.4	U				

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	Well ID: 037-02 Date: 03/13/01 Depth: 36				Well ID: 037-02 Date: 08/22/01 Depth: 36				Well ID: 037-03 Date: 03/13/01 Depth: 95			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	13.4	9.43	U	<MDL	9.31	11.9	U	<MDL	13.6	9.25	U
Beryllium-7	<MDL	25.9	14.1	U	<MDL	13.1	24	U	<MDL	26	14.5	U
Bismuth-214												
Cesium-134	<MDL	2.73	1.69	U	<MDL	1.28	1.53	U	<MDL	2.99	1.69	U
Cesium-137	<MDL	2.94	1.73	U	<MDL	1.34	1.65	U	<MDL	3.08	1.74	U
Co-60	<MDL	3.22	1.77	U	<MDL	1.33	1.67	U	<MDL	3.7	1.98	U
Cobalt-57	<MDL	2.3	1.33	U	<MDL	1.18	1.64	U	<MDL	2.32	1.34	U
Europium-152	<MDL	8.27	5.06	U	<MDL	3.83	4.88	U	<MDL	8.34	5	U
Europium-154	<MDL	8.7	5.17	U	<MDL	3.73	4.81	U	<MDL	8.56	5.07	U
Europium-155	<MDL	9.09	5.27	U	<MDL	4.74	6.25	U	<MDL	9.19	5.3	U
Gross Alpha	<MDL	1.04	.378	UJ	<MDL	.365	.251	UJ	<MDL	.764	.314	UJ
Gross Beta	<MDL	1.79	.902	UJ	1.51	.838	.517	J	<MDL	1.73	.824	UJ
Manganese-54	<MDL	2.5	1.59	U	<MDL	1.29	1.9	U	<MDL	2.85	1.66	U
Sodium-22	<MDL	3.1	1.84	U	<MDL	1.34	1.72	U	<MDL	3.05	1.81	U
Strontium-90												
Tritium	<MDL	503	274	U	<MDL	413	232	U	<MDL	512	280	U
Vanadium-48	<MDL	3.75	2.07	U					<MDL	4.2	2.38	U
Zinc-65	<MDL	6.42	4.13	U	<MDL	2.99	3.48	U	<MDL	6.53	4.07	U

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	Well ID: 037-03 Date: 08/22/01 Depth: 95				Well ID: 037-04 Date: 03/13/01 Depth: 183				Well ID: 037-04 Date: 08/22/01 Depth: 183			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	2.86	3.7	U	<MDL	17.5	11.2	U	<MDL	8.26	11.9	U
Beryllium-7	<MDL	16	18.2	U	<MDL	25.3	14.8	U	<MDL	14.6	17.6	U
Bismuth-214												
Cesium-134	<MDL	1.47	1.71	U	<MDL	2.78	1.78	U	<MDL	1.28	1.68	U
Cesium-137	<MDL	1.47	1.8	U	<MDL	3.26	1.82	U	<MDL	1.18	1.57	U
Co-60	<MDL	1.45	1.76	U	<MDL	3.45	1.93	U	<MDL	1.28	1.71	U
Cobalt-57	<MDL	1.13	1.48	U	<MDL	2.22	1.27	U	<MDL	1.34	1.63	U
Europium-152	<MDL	3.67	4.73	U	<MDL	8.34	5.04	U	<MDL	4.26	4.93	U
Europium-154	<MDL	4.83	8.02	U	<MDL	9.18	5.16	U	<MDL	4.22	5.35	U
Europium-155	5.62	4.27	5.17	J-IN2	<MDL	9.35	5.42	U	<MDL	5.32	6.48	U
Gross Alpha	<MDL	.387	.22	UJ	<MDL	1.18	.428	UJ	<MDL	.495	.258	UJ
Gross Beta	<MDL	.779	.472	UJ	<MDL	1.85	.966	UJ	<MDL	.829	.482	UJ
Manganese-54	<MDL	1.34	2.15	U	<MDL	3.03	1.78	U	<MDL	1.41	1.59	U
Sodium-22	<MDL	1.74	2.89	U	<MDL	3.27	1.84	U	<MDL	1.52	1.93	U
Strontium-90												
Tritium	<MDL	431	253	U	<MDL	497	267	U	<MDL	408	236	U
Vanadium-48					<MDL	4.17	2.4	U				
Zinc-65	<MDL	3.12	4.09	U	<MDL	6.74	4.52	U	<MDL	2.8	3.91	U

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	Well ID: 041-01 Date: 03/15/01 Depth: 14				Well ID: 041-01 Date: 08/29/01 Depth: 14				Well ID: 041-02 Date: 03/13/01 Depth: 95			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	13.6	8.43	U	<MDL	17.9	11.4	U	<MDL	12.8	7.31	U
Beryllium-7	<MDL	20.8	11.4	U	<MDL	24.9	14.9	U	<MDL	24.1	13.7	U
Bismuth-214												
Cesium-134	<MDL	2.28	1.5	U	<MDL	2.08	1.38	U	<MDL	2.51	1.76	U
Cesium-137	<MDL	2.56	1.45	U	<MDL	2.65	1.41	U	<MDL	2.94	1.79	U
Co-60	<MDL	3.33	1.71	U	<MDL	2.3	1.41	U	<MDL	3.35	1.81	U
Cobalt-57	<MDL	2.18	1.3	U	<MDL	2.28	1.28	U	<MDL	2.18	1.27	U
Europium-152	<MDL	7.66	4.44	U	<MDL	7.51	4.39	U	<MDL	7.85	4.43	U
Europium-154	<MDL	7.87	4.19	U	<MDL	7.17	3.56	U	<MDL	9.19	5.24	U
Europium-155	<MDL	9.46	5.33	U	<MDL	9.86	5.71	U	<MDL	8.71	5.19	U
Gross Alpha	<MDL	1.98	1.12	UJ	<MDL	1.81	.739	UJ	<MDL	1.21	.572	UJ
Gross Beta	<MDL	3.09	1.83	UJ	<MDL	1.26	.571	UJ	<MDL	2.01	.931	UJ
Manganese-54	<MDL	2.29	1.61	U	4.96	2.67	3.76	J-IN2	<MDL	2.96	1.71	U
Sodium-22	<MDL	2.8	1.49	U	<MDL	2.97	1.28	U	<MDL	3.28	1.87	U
Strontium-90												
Tritium	<MDL	484	270	U	<MDL	463	263	U	<MDL	485	266	U
Vanadium-48	<MDL	3.12	1.79	U					<MDL	3.59	2.02	U
Zinc-65	<MDL	4.9	3.17	U	<MDL	6.4	3.5	U	<MDL	6.38	4.04	U

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	Well ID: 041-02 Date: 08/29/01 Depth: 95				Well ID: 041-03 Date: 03/15/01 Depth: 215				Well ID: 041-03 Date: 08/29/01 Depth: 215			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	8.28	10.4	U	<MDL	12.1	7.06	U	<MDL	10.7	14.4	U
Beryllium-7	<MDL	14.1	17.7	U	<MDL	17	9.92	U	<MDL	19.3	24.7	U
Bismuth-214												
Cesium-134	<MDL	1.39	1.91	U	<MDL	2.14	1.26	U	<MDL	1.65	2.04	U
Cesium-137	<MDL	1.53	1.91	U	<MDL	2.16	1.26	U	<MDL	1.59	2.17	U
Co-60	<MDL	1.43	1.99	U	<MDL	2.43	1.37	U	<MDL	1.59	2.16	U
Cobalt-57	<MDL	1.34	1.62	U	<MDL	1.92	1.1	U	<MDL	1.76	2.13	U
Europium-152	<MDL	4.49	5.34	U	<MDL	6.26	3.62	U	<MDL	5.57	6.23	U
Europium-154	<MDL	4.41	4.78	U	<MDL	6.9	3.92	U	<MDL	4.12	8.02	U
Europium-155	<MDL	5.62	6.66	U	<MDL	8.5	4.92	U	<MDL	6.61	8.13	U
Gross Alpha	<MDL	1.96	.771	UJ	<MDL	1.31	.714	UJ	2.52	1.3	1.18	J
Gross Beta	<MDL	1.66	.809	UJ	<MDL	2.56	1.5	UJ	<MDL	1.17	.577	UJ
Manganese-54	2.26	1.27	2.07	J-IN2	<MDL	1.99	1.42	U	<MDL	1.73	2.03	U
Sodium-22	<MDL	1.59	1.72	U	<MDL	2.46	1.4	U	<MDL	1.48	2.89	U
Strontium-90												
Tritium	<MDL	471	269	U	<MDL	482	276	U	<MDL	451	256	U
Vanadium-48					<MDL	2.54	1.43	U				
Zinc-65	<MDL	2.8	3.91	U	<MDL	4.81	3.22	U	<MDL	4.43	4.85	U

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	Well ID: 049-05 Date: 03/14/01 Depth: 95				Well ID: 049-05 Date: 08/29/01 Depth: 95				Well ID: 049-06 Date: 03/14/01 Depth: 180			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	15.8	9.29	U	<MDL	5.65	7.66	U	<MDL	20.3	15.9	UDL
Beryllium-7	<MDL	24	11.1	U	<MDL	28	33.6	U	<MDL	23.1	14.7	U
Bismuth-214												
Cesium-134	<MDL	2.74	1.82	U	<MDL	2.57	3.54	U	<MDL	2.74	1.68	U
Cesium-137	<MDL	3.14	2.09	U	<MDL	2.82	3.49	U	<MDL	2.87	1.69	U
Co-60	<MDL	3.25	1.84	U	<MDL	2.21	3.54	U	<MDL	3.48	2.89	U
Cobalt-57	<MDL	2.4	1.6	U	<MDL	2.18	2.54	U	<MDL	2.22	1.29	U
Europium-152	<MDL	8.57	4.95	U	<MDL	8.16	9.91	U	<MDL	8.33	4.75	U
Europium-154	<MDL	9.28	5.63	U	<MDL	7.73	11.1	U	<MDL	9.36	5.14	U
Europium-155	<MDL	9.9	5.85	U	<MDL	7.98	9.45	U	<MDL	9.88	5.66	U
Gross Alpha	<MDL	.816	.432	UJ	<MDL	1.72	.811	UJ	<MDL	1.19	.431	UJ
Gross Beta	<MDL	1.78	.93	UJ	2.15	1.2	.826	J	<MDL	1.97	.881	UJ
Manganese-54	<MDL	2.68	1.55	U	<MDL	3.34	2.83	U	<MDL	2.78	1.63	U
Sodium-22	<MDL	3.3	2	U	<MDL	2.78	4	U	<MDL	3.34	1.83	U
Strontium-90												
Tritium	<MDL	503	274	U	<MDL	442	245	U	<MDL	496	293	U
Vanadium-48	<MDL	3.7	2.52	U					<MDL	3.44	2.13	U
Zinc-65	<MDL	5.99	3.84	U	<MDL	6.79	7.26	U	<MDL	6.92	4.11	U

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	Well ID: 049-06 Date: 08/29/01 Depth: 180				Well ID: 050-01 Date: 03/13/01 Depth: 215				Well ID: 050-01 Date: 08/30/01 Depth: 215			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	18.4	12.1	U	<MDL	21.2	14.9	UDL	<MDL	18.2	35.1	U
Beryllium-7	<MDL	24.4	14.5	U	<MDL	24	14.4	U	<MDL	34.3	42.1	U
Bismuth-214												
Cesium-134	<MDL	1.86	1.37	U	<MDL	2.7	1.63	U	<MDL	3.07	4.45	U
Cesium-137	<MDL	2.39	2.52	U	<MDL	3.06	1.71	U	<MDL	3.45	4.21	U
Co-60	<MDL	2.26	1.19	U	<MDL	3.38	1.84	U	<MDL	3.21	3.99	U
Cobalt-57	<MDL	2.02	1.23	U	<MDL	2.26	1.33	U	<MDL	2.68	3.14	U
Europium-152	<MDL	6.65	3.76	U	<MDL	7.77	4.68	U	<MDL	8.56	11.9	U
Europium-154	<MDL	6	3.7	U	<MDL	9.07	5.31	U	<MDL	9.36	12.2	U
Europium-155	<MDL	8.59	5.19	U	<MDL	10.6	6.06	U	<MDL	11.1	13	U
Gross Alpha	<MDL	1.89	.831	UJ	<MDL	1.03	.621	UJ	<MDL	2.37	.614	UJ-DL
Gross Beta	3.03	1.55	1.03	J	<MDL	2.21	1.13	UJ	<MDL	1.82	.81	UJ
Manganese-54	<MDL	2.08	1.21	U	<MDL	2.83	1.71	U	<MDL	3.06	3.83	U
Sodium-22	<MDL	2.16	1.33	U	<MDL	3.23	1.89	U	<MDL	3.36	4.39	U
Strontium-90												
Tritium	1340	451	320		<MDL	501	291	U	<MDL	409	239	U
Vanadium-48					<MDL	4.13	2.33	U				
Zinc-65	<MDL	5.32	3.09	U	<MDL	6.81	3.96	U	<MDL	5.32	8.18	U

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	Well ID: 050-02 Date: 03/13/01 Depth: 150				Well ID: 050-02 Date: 08/30/01 Depth: 150				Well ID: 061-03 Date: 03/13/01 Depth: 11			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	12.8	8.11	U	<MDL	12.1	15.2	U	<MDL	17.7	10.2	U
Beryllium-7	<MDL	23.8	13.8	U	<MDL	23.9	29.4	U	<MDL	25.6	15.1	U
Bismuth-214												
Cesium-134	<MDL	2.58	1.61	U	<MDL	2.3	4.72	U	<MDL	3.14	2.02	U
Cesium-137	3.36	2.8	2.22	J-IN2	<MDL	2.29	2.83	U	<MDL	3.24	1.82	U
Co-60	<MDL	3.49	1.87	U	<MDL	2.56	3.15	U	<MDL	3.37	1.97	U
Cobalt-57	<MDL	2.18	1.39	U	<MDL	1.96	2.39	U	<MDL	2.23	1.29	U
Europium-152	<MDL	8.37	4.65	U	<MDL	6.5	7.97	U	<MDL	8.55	5.4	U
Europium-154	<MDL	9.65	5.31	U	<MDL	7.16	8.24	U	<MDL	9.3	5.42	U
Europium-155	<MDL	8.75	5.7	U	<MDL	8	9.55	U	<MDL	9.06	5.32	U
Gross Alpha	1.44	1.15	.766	J-N2	.804	.611	.429	J-N2	1.78	.947	.728	J
Gross Beta	4.21	2.15	1.23		.675	.459	.295	J-N2	2.87	2.01	1.11	J-N2
Manganese-54	<MDL	2.91	1.77	U	4.37	2.25	3.29	J-IN2	<MDL	3.15	1.78	U
Sodium-22	<MDL	3.44	1.89	U	<MDL	2.59	2.98	U	<MDL	3.32	1.94	U
Strontium-90												
Tritium	1220	492	336		1710	426	321		<MDL	519	293	U
Vanadium-48	<MDL	3.48	2.06	U					<MDL	3.76	2.17	U
Zinc-65	<MDL	6.66	3.77	U	<MDL	5.49	6.77	U	<MDL	6.6	4.3	U

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	Well ID: 061-03 Date: 08/28/01 Depth: 11				Well ID: 061-04 Date: 03/13/01 Depth: 95				Well ID: 061-04 Date: 08/29/01 Depth: 95			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	19.5	15.9	U	<MDL	6	3.88	U	<MDL	4.05	5.89	U
Beryllium-7	<MDL	33.5	19	U	<MDL	30.7	20.4	U	<MDL	28.3	32	U
Bismuth-214												
Cesium-134	<MDL	2.84	1.75	U	<MDL	3.77	2.63	U	4.49	2.3	3.12	J-IN2
Cesium-137	<MDL	3.08	1.73	U	<MDL	4.16	2.42	U	<MDL	1.94	2.65	U
Co-60	<MDL	3.39	1.88	U	<MDL	4.57	2.53	U	<MDL	2.52	2.92	U
Cobalt-57	<MDL	2.31	1.39	U	<MDL	2.23	1.35	U	<MDL	1.7	2.14	U
Europium-152	<MDL	8.06	4.85	U	<MDL	9.74	5.94	U	<MDL	6.51	7.94	U
Europium-154	<MDL	8.36	4.9	U	<MDL	12	7.11	U	<MDL	6.1	7.18	U
Europium-155	<MDL	9.66	5.8	U	<MDL	9.29	5.53	U	<MDL	6.48	7.99	U
Gross Alpha	<MDL	1.94	.966	UJ	.792	.535	.451	J-N2	<MDL	1.88	.568	UJ
Gross Beta	<MDL	1.65	.798	UJ	<MDL	1.72	.884	UJ	<MDL	1.63	.875	UJ
Manganese-54	<MDL	2.97	1.67	U	<MDL	4.23	2.43	U	<MDL	2.36	2.84	U
Sodium-22	<MDL	3.02	1.77	U	<MDL	4.29	2.54	U	<MDL	2.2	2.59	U
Strontium-90												
Tritium	<MDL	471	271	U	625	512	321	J-N2	851	450	298	J
Vanadium-48					<MDL	5.38	3.04	U				
Zinc-65	<MDL	6.27	4.28	U	<MDL	8.95	5.47	U	<MDL	5.21	5.82	U

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	Well ID: 061-05 Date: 03/13/01 Depth: 200				Well ID: 061-05 Date: 08/28/01 Depth: 200				Well ID: 600-15 Date: 03/15/01 Depth: 200			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	13	7.35	U	<MDL	8.96	12.5	U	<MDL	14.2	9.11	U
Beryllium-7	<MDL	23.6	13.3	U	<MDL	23.6	27.6	U	<MDL	19.2	11.2	U
Bismuth-214												
Cesium-134	<MDL	2.79	1.7	U	<MDL	1.89	2.55	U	<MDL	2.15	1.46	U
Cesium-137	<MDL	2.82	1.35	U	<MDL	2.03	2.51	U	<MDL	2.21	1.53	U
Co-60	<MDL	3.61	1.98	U	<MDL	2.17	2.64	U	<MDL	2.52	1.36	U
Cobalt-57	<MDL	2.13	1.26	U	<MDL	1.6	1.87	U	<MDL	2.1	1.23	U
Europium-152	<MDL	7.99	4.58	U	<MDL	5.83	7.38	U	<MDL	6.65	3.86	U
Europium-154	<MDL	9.39	5.26	U	<MDL	6.67	7.7	U	<MDL	6.21	3.65	U
Europium-155	<MDL	9.35	5.33	U	<MDL	6.42	7.52	U	<MDL	9.14	5.37	U
Gross Alpha	<MDL	.879	.552	UJ	<MDL	1.41	.522	UJ	<MDL	1.2	.565	UJ
Gross Beta	<MDL	2.2	1.06	UJ	<MDL	.982	.487	UJ	<MDL	1.54	.875	UJ
Manganese-54	<MDL	3.09	1.76	U	<MDL	2	2.42	U	<MDL	2.18	1.21	U
Sodium-22	<MDL	3.35	1.88	U	<MDL	2.4	2.77	U	<MDL	2.21	1.3	U
Strontium-90												
Tritium	1210	509	345		941	471	314	J	<MDL	483	274	U
Vanadium-48	<MDL	4.05	1.69	U					<MDL	2.69	1.83	U
Zinc-65	<MDL	6.43	3.63	U	<MDL	4.32	5.43	U	<MDL	5.25	4.9	U

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	Well ID: 600-15 Date: 08/29/01 Depth: 250				Well ID: 600-16 Date: 03/15/01 Depth: 170				Well ID: 600-16 Date: 08/29/01 Depth: 170			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	3.02	3.85	U	<MDL	13	7.12	U	<MDL	8.67	10.2	U
Beryllium-7	32.1	23.7	26.3	J-IN2	<MDL	19.6	10.9	U	<MDL	18.5	21.6	U
Bismuth-214												
Cesium-134	<MDL	2.04	2.45	U	<MDL	2.26	1.31	U	<MDL	1.62	2.29	U
Cesium-137	<MDL	2.21	2.73	U	<MDL	2.19	1.28	U	<MDL	1.7	2.06	U
Co-60	<MDL	2.31	3.02	U	<MDL	2.68	1.42	U	<MDL	1.85	2.32	U
Cobalt-57	<MDL	1.34	1.8	U	<MDL	2.11	1.18	U	<MDL	1.35	1.63	U
Europium-152	<MDL	6.05	7.2	U-I	<MDL	6.87	4	U	<MDL	4.86	5.63	U
Europium-154	<MDL	6.45	7.44	U	<MDL	7.66	4.17	U	<MDL	4.3	5.38	U
Europium-155	<MDL	5.35	6.62	U	<MDL	8.65	4.86	U	<MDL	5.67	6.68	U
Gross Alpha	<MDL	1.64	.496	UJ	<MDL	1.94	.954	UJ	<MDL	1.18	.511	UJ
Gross Beta	<MDL	1.17	.52	UJ	<MDL	2.34	1.39	U	<MDL	1.16	.534	UJ
Manganese-54	<MDL	2.34	2.76	U	<MDL	2.66	1.44	U	<MDL	1.54	1.95	U
Sodium-22	<MDL	2.32	2.68	U	<MDL	2.73	1.49	U	<MDL	1.55	1.94	U
Strontium-90												
Tritium	<MDL	468	267	U	<MDL	485	271	U	<MDL	451	252	U
Vanadium-48					<MDL	2.97	1.64	U				
Zinc-65	<MDL	4.87	5.83	U	<MDL	4.93	3.02	U	<MDL	4.07	4.92	U

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	Well ID: 600-18 Date: 03/15/01 Depth: 40				Well ID: 600-18 Date: 08/29/01 Depth: 45				Well ID: 600-19 Date: 03/16/01 Depth: 60			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	20	12.9	U-DL	<MDL	8.98	10.8	U	<MDL	5.02	3.03	U
									<MDL	19.5	12.1	U
Beryllium-7	<MDL	19.2	11.2	U	<MDL	18.2	21.7	U	<MDL	140	79.8	U
									<MDL	18.4	11.3	U
Bismuth-214									16.1	4.44	6.59	J
Cesium-134	<MDL	2.15	1.33	U	<MDL	1.38	1.73	U	<MDL	1.91	1.27	U
									<MDL	3.06	1.85	U
Cesium-137	<MDL	2.26	1.32	U	<MDL	1.51	1.74	U	<MDL	2.94	1.71	U
									<MDL	2.25	1.95	U
Co-60	<MDL	2.63	1.28	U	<MDL	1.37	2	U	<MDL	3.64	2	U
									2.72	2.46	1.46	J-IN2
Cobalt-57	<MDL	2.17	1.24	U	<MDL	1.43	1.78	U	<MDL	2.07	1.21	U
									<MDL	2.87	1.8	U
Europium-152	<MDL	6.97	4.02	U	<MDL	4.17	5.39	U	<MDL	7.06	4.12	U
									<MDL	8.12	4.57	U
Europium-154	<MDL	7.45	4.07	U	<MDL	5.41	5.43	U	<MDL	7.11	4.11	U
									<MDL	9.97	5.42	U
Europium-155	<MDL	10	5.77	U	<MDL	6.27	7.47	U	<MDL	9.36	5.33	U
									<MDL	8.84	5.22	U
Gross Alpha	<MDL	.941	.503	UJ	<MDL	1.91	.661	UJ	<MDL	1.91	.742	UJ
Gross Beta	<MDL	1.81	1.03	UJ	<MDL	1.94	.728	UJ	5.91	3.32	1.89	J
Manganese-54	<MDL	2.1	.902	U	<MDL	1.6	1.88	U	<MDL	2	1.37	U
									<MDL	3.92	2.2	U
Sodium-22	<MDL	2.65	1.45	U	1.59	1.45	1.95	J-IN2	<MDL	2.53	1.46	U
									<MDL	3.83	2.08	U
Strontium-90												
Tritium	<MDL	492	272	U	<MDL	465	264	U	<MDL	378	221	U
Vanadium-48	<MDL	2.8	1.68	U					<MDL	2.93	1.64	U
Zinc-65	<MDL	5.13	3.25	U	<MDL	3.14	3.66	U	<MDL	8.55	4.79	U
									4.71	2.54	3.18	J-IN2

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU V

	Well ID: 600-19 Date: 08/22/01 Depth: 60				Well ID: 600-20 Date: 03/16/01 Depth: 160				Well ID: 600-20 Date: 08/22/01 Depth: 160			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	7.26	9.6	U	<MDL	19.1	16.6	U	<MDL	7.69	10	U
Beryllium-7	<MDL	14.3	18.2	U	<MDL	20.9	11.7	U	<MDL	15.2	18.3	U
Bismuth-214												
Cesium-134	<MDL	1.3	1.7	U	<MDL	2.21	1.32	U	<MDL	1.21	1.8	U
Cesium-137	<MDL	1.24	1.62	U	<MDL	2.42	1.44	U	<MDL	1.38	1.63	U
Co-60	<MDL	1.61	2.15	U	<MDL	2.38	1.41	U	2.41	1.5	2.8	J-IN2
Cobalt-57	<MDL	1.32	1.55	U	<MDL	2.14	1.28	U	<MDL	1.23	1.46	U
Europium-152	<MDL	3.97	4.58	U	<MDL	7.15	4.21	U	<MDL	4.08	5.26	U
Europium-154	<MDL	3.68	4.6	U	<MDL	7.26	3.81	U	<MDL	2.98	4.25	U
Europium-155	<MDL	5.13	5.94	U	<MDL	9.01	5.55	U	<MDL	5.06	6.01	U
Gross Alpha	<MDL	.793	.433	UJ	<MDL	1.47	.878	UJ	<MDL	.745	.442	UJ
Gross Beta	2.42	.852	.554	J	4.09	3	1.65	J-N2	2.99	.885	.588	J
Manganese-54	<MDL	1.21	1.55	U	<MDL	2.28	1.23	U	2.79	1.25	1.97	J-IN2
Sodium-22	<MDL	1.32	1.66	U	<MDL	2.59	1.36	U	<MDL	1.07	1.53	U
Strontium-90												
Tritium	<MDL	384	225	U	<MDL	375	220	U	<MDL	406	237	U
Vanadium-48					<MDL	3	1.61	U				
Zinc-65	<MDL	2.84	4.13	U	<MDL	4.67	2.94	U	<MDL	2.34	3.49	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU V

	Well ID: 600-21 Date: 03/16/01 Depth: 250				Well ID: 600-21 Date: 08/22/01 Depth: 250				Well ID: 600-22 Date: 03/16/01 Depth: 70			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	6.09	4.08	U	<MDL	9.52	13.7	U	<MDL	17.9	11.3	U
	<MDL	12.8	8.46	U					<MDL	18.7	11.3	U
Beryllium-7	<MDL	200	118	U	<MDL	14.7	18.4	U	<MDL	159	90.6	U
	<MDL	19.3	11.1	U					<MDL	16.8	9.34	U
Bismuth-214	--	--	--	R-N4					--	--	--	R-N4
Cesium-134	<MDL	4.3	2.72	U	<MDL	1.23	1.76	U	<MDL	1.92	1.16	U
	<MDL	2.21	1.47	U					<MDL	2.82	1.95	U
Cesium-137	<MDL	2.39	1.4	U	<MDL	1.35	1.64	U	<MDL	2.78	1.78	U
	8.74	4.48	3.56	J					4.75	2.99	1.56	J-I
Co-60	<MDL	4.37	2.54	U	<MDL	1.48	1.72	U	<MDL	3.24	1.79	U
	<MDL	2.43	1.11	U					2.88	2.47	1.74	J-IN2
Cobalt-57	<MDL	2.04	1.25	U	<MDL	1.36	1.57	U	<MDL	1.72	.973	U
	<MDL	3.39	2	U					<MDL	4.04	2.29	U
Europium-152	<MDL	7.42	4.28	U	<MDL	4.11	5.15	U	<MDL	5.86	3.55	U
	<MDL	10.5	6.26	U					<MDL	8.74	4.76	U
Europium-154	<MDL	7.87	4.23	U	<MDL	4	4.74	U	<MDL	6.68	3.61	U
	15.6	12.7	5.75	J-IN2					<MDL	9.74	8.92	U
Europium-155	<MDL	8.97	5.34	U	<MDL	5.38	6.31	U	<MDL	11.4	6.74	U
	<MDL	10.2	5.92	U					<MDL	7.62	4.26	U
Gross Alpha	<MDL	1.86	1.04	UJ	<MDL	.602	.424	UJ	1.27	1.06	.716	J-N2
Gross Beta	4.34	3.26	1.77	N2	2.52	.813	.54	J	10.5	2.04	1.47	
Manganese-54	<MDL	5.57	3.23	U	<MDL	1.47	1.71	U	<MDL	1.79	1.11	U
	<MDL	2.52	1.37	U					<MDL	3.95	2.09	U
Sodium-22	<MDL	2.81	1.51	U	<MDL	1.44	1.71	U	<MDL	2.38	1.28	U
	5.98	4.67	2.21	J-IN2					<MDL	4.23	3.43	U
Strontium-90												
Tritium	<MDL	381	225	U	<MDL	419	240	U	<MDL	492	271	U
Vanadium-48	<MDL	2.81	1.6	U					<MDL	2.46	1.36	U
Zinc-65	<MDL	13.6	8.27	U	<MDL	2.88	3.33	U	<MDL	8.38	5.07	U
	<MDL	4.14	2.8	U					<MDL	4.02	2.92	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
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	Well ID: 600-22 Date: 08/22/01 Depth: 70				Well ID: 600-23 Date: 03/16/01 Depth: 160				Well ID: 600-23 Date: 08/22/01 Depth: 160			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	3.22	6.01	U	<MDL	5.52	3.24	U	<MDL	20.2	11.8	U-DL
					<MDL	5.43	3.53	U				
Beryllium-7	<MDL	16.8	20	U	<MDL	22.1	12.4	U	<MDL	26.7	15.2	U
					<MDL	180	97.9	U				
Bismuth-214					--	--	--	R-N4				
Cesium-134	<MDL	1.61	2.12	U	<MDL	3.07	1.98	U	<MDL	2.08	1.48	U
					<MDL	2.61	1.72	U				
Cesium-137	<MDL	1.75	2.09	U	<MDL	3.29	1.97	U	<MDL	2.57	1.47	U
					<MDL	2.92	1.67	U				
Co-60	<MDL	1.79	2.11	U	<MDL	2.79	1.89	U	<MDL	2.75	1.49	U
					<MDL	3.55	1.85	U				
Cobalt-57	<MDL	1.3	1.53	U	<MDL	3.09	1.89	U	<MDL	2.32	1.37	U
					<MDL	1.97	1.15	U				
Europium-152	<MDL	4.26	5.47	U	<MDL	8.01	4.65	U	<MDL	7.57	4.29	U
					<MDL	7.61	4.48	U				
Europium-154	<MDL	5.21	6.41	U	<MDL	9.39	5.84	U	<MDL	6.72	3.66	U
					<MDL	10.4	5.24	U				
Europium-155	<MDL	4.82	5.7	U	<MDL	7.57	4.51	U	<MDL	9.43	5.72	U
					<MDL	8.83	5.55	U				
Gross Alpha	<MDL	.423	.307	UJ	.971	.947	.618	J-N2	<MDL	.575	.272	UJ
Gross Beta	10.6	.776	.751	J	<MDL	2.22	1.03	UJ	<MDL	.837	.511	UJ
Manganese-54	<MDL	1.67	2.37	U	<MDL	4.33	2.44	U	<MDL	2.16	1.48	U
					<MDL	2.95	1.64	U				
Sodium-22	<MDL	1.88	2.31	U	<MDL	3.35	2.08	U	<MDL	2.42	1.32	U
					<MDL	2.87	2.01	U				
Strontium-90												
Tritium	<MDL	406	237	U	<MDL	483	269	U	<MDL	410	228	U
Vanadium-48					<MDL	3.67	1.96	U				
Zinc-65	<MDL	4.11	4.94	U	<MDL	11.3	6.11	U	<MDL	5.59	3.09	U
					<MDL	6.22	3.79	U				

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Brookhaven National Laboratory
Project: OU V

	Well ID: 600-24 Date: 03/16/01 Depth: 238				Well ID: 600-24 Date: 08/22/01 Depth: 238				Well ID: 600-25 Date: 03/16/01 Depth: 62			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	19.1	11.1	U	<MDL	17	11.7	U	<MDL	17.1	9.75	U
									<MDL	18.8	10.2	U
Beryllium-7	<MDL	20.3	11.4	U	<MDL	23.9	14.9	U	<MDL	143	84.2	U
									<MDL	18	10.8	U
Bismuth-214									--	--	--	R-N4
Cesium-134	<MDL	2.02	1.2	U	<MDL	2.3	1.32	U	<MDL	2.19	1.45	U
									<MDL	3.13	1.91	U
Cesium-137	<MDL	2.28	1.34	U	<MDL	2.46	1.73	U	<MDL	2.28	1.38	U
									<MDL	2.91	1.59	U
Co-60	<MDL	2.55	1.34	U	<MDL	2.38	1.39	U	<MDL	3.12	1.64	U
									<MDL	2.73	2.67	U
Cobalt-57	<MDL	2.17	1.31	U	<MDL	2.09	1.24	U	<MDL	3.35	1.94	U
									<MDL	2.06	1.92	U
Europium-152	<MDL	7.08	4.09	U	<MDL	6.74	4.05	U	<MDL	8.08	4.98	U
									<MDL	7.08	3.84	U
Europium-154	<MDL	6.75	3.9	U	<MDL	7.02	3.78	U	<MDL	8.94	4.97	U
									<MDL	6.92	4.38	U
Europium-155	<MDL	9.38	5.63	U	<MDL	9.59	5.41	U	<MDL	9.11	5.34	U
									<MDL	10.9	6.14	U
Gross Alpha	<MDL	1.35	.67	UJ	<MDL	.894	.487	UJ	<MDL	2.1	.909	UJDL
Gross Beta	<MDL	2.03	.986	UJ	2.26	.959	.608	J	<MDL	3.63	1.85	UJ
Manganese-54	<MDL	2.46	1.29	U	<MDL	2.24	1.61	U	<MDL	3.64	2.24	U
									<MDL	2.1	1.36	U
Sodium-22	<MDL	2.39	1.39	U	<MDL	2.53	1.36	U	<MDL	3.42	1.87	U
									<MDL	2.46	1.56	U
Strontium-90												
Tritium	<MDL	492	275	U	<MDL	410	247	U	<MDL	379	224	U
Vanadium-48	<MDL	2.74	1.46	U					<MDL	2.85	1.79	U
Zinc-65	<MDL	5.16	2.82	U	<MDL	5.55	3.32	U	<MDL	9.36	5.23	U
									<MDL	4.45	4.29	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU V

	Well ID: 600-25 Date: 08/29/01 Depth: 62				Well ID: 600-26 Date: 03/16/01 Depth: 160				Well ID: 600-26 Date: 08/29/01 Depth: 160			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	8.23	9.39	U	<MDL	12.8	8.65	U	<MDL	8.99	10.5	U
Beryllium-7	<MDL	20.4	24	U	<MDL	18.8	11.3	U	<MDL	14.3	16.5	U
Bismuth-214												
Cesium-134	<MDL	1.63	2.1	U	<MDL	2.11	1.2	U	<MDL	1.16	1.52	U
Cesium-137	<MDL	1.7	2.1	U	<MDL	2.4	1.34	U	<MDL	1.31	1.57	U
Co-60	<MDL	1.69	2.23	U	<MDL	2.46	1.42	U	<MDL	1.32	1.63	U
Cobalt-57	<MDL	1.38	1.67	U	<MDL	2.09	1.19	U	<MDL	1.11	1.39	U
Europium-152	<MDL	4.76	5.78	U	<MDL	6.65	4.3	U	<MDL	3.54	4.61	U
Europium-154	<MDL	4.72	6.38	U	<MDL	7.35	4.08	U	<MDL	3.93	4.36	U
Europium-155	7.3	5.8	6.69	J-IN2	<MDL	8.58	4.96	U	<MDL	4.87	5.84	U
Gross Alpha	<MDL	2.24	.748	UJ-DL	<MDL	1.84	.711	UJ	<MDL	1.65	.611	UJ
Gross Beta	3.61	1.31	1.03	J	<MDL	2.91	1.38	UJ	<MDL	1.44	.795	UJ
Manganese-54	<MDL	1.83	2.31	U	<MDL	2.04	1.25	U	<MDL	1.32	1.6	U
Sodium-22	<MDL	1.7	2.3	U	<MDL	2.61	1.45	U	<MDL	1.42	1.63	U
Strontium-90												
Tritium	<MDL	443	255	U	<MDL	378	226	U	<MDL	429	255	U
Vanadium-48					<MDL	2.64	1.47	U				
Zinc-65	<MDL	3.95	5.4	U	<MDL	4.21	2.43	U	<MDL	2.82	3.35	U

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Brookhaven National Laboratory
Project: OU V

	Well ID: 600-27 Date: 03/16/01 Depth: 250				Well ID: 600-27 Date: 08/29/01 Depth: 250			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	12.9	7.3	U	<MDL	13.3	15.6	U
	<MDL	5.55	3.3	U				
Beryllium-7	<MDL	19.3	10.7	U	<MDL	23.8	28.6	U
	<MDL	169	91.4	U				
Bismuth-214	--	--	--	R-N4				
Cesium-134	<MDL	3.32	2.01	U	<MDL	1.94	2.37	U
	4.26	2.45	1.95	J-IN2				
Cesium-137	<MDL	3.29	1.82	U	<MDL	2.1	2.6	U
	<MDL	2.43	1.35	U				
Co-60	<MDL	3.21	1.91	U	<MDL	2.62	3.23	U
	<MDL	2.7	1.55	U				
Cobalt-57	<MDL	3.01	1.87	U	<MDL	2.12	2.46	U
	<MDL	2.12	1.2	U				
Europium-152	<MDL	8.52	5.11	U	<MDL	5.96	7.54	U
	<MDL	7.32	4.3	U				
Europium-154	<MDL	8.85	5.07	U	<MDL	5.62	6.89	U
	<MDL	6.61	3.77	U				
Europium-155	<MDL	8.5	5.25	U	<MDL	8.26	10.1	U
	<MDL	8.61	4.92	U				
Gross Alpha	<MDL	.556	.36	UJ	<MDL	1.83	.777	UJ
Gross Beta	<MDL	1.33	.796	UJ	<MDL	1.13	.534	UJ
Manganese-54	<MDL	2.25	1.31	U	<MDL	1.66	1.87	U
	<MDL	3.98	2.16	U				
Sodium-22	<MDL	3.41	1.95	U	<MDL	2.02	2.48	U
	<MDL	2.35	1.34	U				
Strontium-90								
Tritium	<MDL	370	211	U	<MDL	463	257	U
Vanadium-48	<MDL	2.72	1.64	U				
Zinc-65	<MDL	4.96	3.17	U	<MDL	5.36	6.42	U
	<MDL	9.86	6.01	U				

OU VI EDB

ANALYTICAL RESULTS

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID:000-110 Date:03/23/01 Depth: 102			Well ID:000-110 Date:06/07/01 Depth: 102			Well ID:000-110 Date:09/25/01 Depth: 102		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane				ND	.5	U	ND	.5	UJ-P
1,1,1-Trichloroethane				ND	.5	U	ND	.5	UJ-P
1,1,2,2-Tetrachloroethane				ND	.5	U	ND	.5	UJ-P
1,1,2-Trichloroethane				ND	.5	U	ND	.5	UJ-P
1,1-Dichloroethane				ND	.5	U	ND	.5	UJ-P
1,1-Dichloroethylene				ND	.5	U	ND	.5	UJ-P
1,1-Dichloropropene				ND	.5	U	ND	.5	UJ-P
1,2,3-Trichlorobenzene				ND	.5	U	ND	.5	UJ-P
1,2,3-Trichloropropane				ND	.5	U	ND	.5	UJ-P
1,2,4-Trichlorobenzene*				ND	.5	U	ND	.5	UJ-P
1,2-Dichloroethane				ND	.5	U	ND	.5	UJ-P
1,2-Dichloropropane				ND	.5	U	ND	.5	UJ-P
1,3-Dichloropropane				ND	.5	U	ND	.5	UJ-P
2,2-Dichloropropane				ND	.5	U	ND	.5	UJ-P
Benzene				ND	.5	U	ND	.5	UJ-P
Benzene, 1,2,4-trimethyl				ND	.5	U	ND	.5	UJ-P
Benzene, 1,3,5-trimethyl-				ND	.5	U	ND	.5	UJ-P
Benzene, 1-methylethyl-				ND	.5	U	ND	.5	UJ-P
Bromobenzene				ND	.5	U	ND	.5	UJ-P
Bromodichloromethane				ND	.5	U	ND	.5	UJ-P
Bromoform				ND	.5	U	ND	.5	UJ-P
Carbon tetrachloride				ND	.5	U	ND	.5	UJ-P
Chlorobenzene				ND	.5	U	ND	.5	UJ-P
Chlorobromomethane				ND	.5	U	ND	.5	UJ-P
Chloroethane				ND	.5	U	ND	.5	UJ-P
Chloroform				.64	.5		.62	.5	J-P
cis-1,2-Dichloroethylene				ND	.5	U	ND	.5	UJ-P
cis-1,3-Dichloropropene				ND	.5	U	ND	.5	UJ-P
Cymene				ND	.5	U	ND	.5	UJ-P
DBCP				ND	.5	U	ND	.5	UJ-P
Dibromochloromethane				ND	.5	U	ND	.5	UJ-P
Dibromomethane				ND	.5	U	ND	.5	UJ-P
Dichlorodifluoromethane				ND	.5	U	ND	.5	UJ-P
EDB	.29	.02	J-C	.44	.04	J-L	.81	.04	
Ethene, 1,2-dichloro-, (E)-				ND	.5	U	ND	.5	UJ-P
Ethylbenzene				ND	.5	U	ND	.5	UJ-P
Hexachlorobutadiene*				ND	.5	U	ND	.5	UJ-P
m-Dichlorobenzene				ND	.5	U	ND	.5	UJ-P
Methyl bromide				ND	.5	U	ND	.5	UJ-P
Methyl chloride				ND	.5	U	ND	.5	UJ-P
Methylene chloride				ND	.5	U	ND	.5	UJ-P
n-Butylbenzene				ND	.5	U	ND	.5	UJ-P
n-Propylbenzene				ND	.5	U	ND	.5	UJ-P
Naphthalene*				ND	.5	U	ND	.5	UJ-P
o-Chlorotoluene				ND	.5	U	ND	.5	UJ-P
o-Dichlorobenzene				ND	.5	U	ND	.5	UJ-P
p-Chlorotoluene				ND	.5	U	ND	.5	UJ-P
p-Dichlorobenzene				ND	.5	U	ND	.5	UJ-P
sec-Butylbenzene				ND	.5	U	ND	.5	UJ-P
Styrene				ND	.5	U	ND	.5	UJ-P
tert-Butylbenzene				ND	.5	U	ND	.5	UJ-P
Tetrachloroethylene				ND	.5	U	ND	.5	UJ-P
Toluene				ND	.5	U	ND	.5	UJ-P
trans-1,3-Dichloropropene				ND	.5	U	ND	.5	UJ-P
Trichloroethylene				ND	.5	U	ND	.5	UJ-P
Trichlorofluoromethane				ND	.5	U	ND	.5	UJ-P
Vinyl chloride				ND	.5	U	ND	.5	UJ-P
TVOC				1.08	0		.62	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID:000-110 Date:11/29/01 Depth: 102			Well ID:000-173 Date:03/26/01 Depth: 111			Well ID:000-173 Date:06/08/01 Depth: 111		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane							ND	.5	U
1,1,1-Trichloroethane							ND	.5	U
1,1,2,2-Tetrachloroethane							ND	.5	U
1,1,2-Trichloroethane							ND	.5	U
1,1-Dichloroethane							ND	.5	U
1,1-Dichloroethylene							ND	.5	U
1,1-Dichloropropene							ND	.5	U
1,2,3-Trichlorobenzene							ND	.5	U
1,2,3-Trichloropropane							ND	.5	U
1,2,4-Trichlorobenzene*							ND	.5	U
1,2-Dichloroethane							ND	.5	U
1,2-Dichloropropane							ND	.5	U
1,3-Dichloropropane							ND	.5	U
2,2-Dichloropropane							ND	.5	U
Benzene							ND	.5	U
Benzene, 1,2,4-trimethyl							ND	.5	U
Benzene, 1,3,5-trimethyl-							ND	.5	U
Benzene, 1-methylethyl-							ND	.5	U
Bromobenzene							ND	.5	U
Bromodichloromethane							ND	.5	U
Bromoform							ND	.5	U
Carbon tetrachloride							ND	.5	U
Chlorobenzene							ND	.5	U
Chlorobromomethane							ND	.5	U
Chloroethane							ND	.5	U
Chloroform							.37	.5	J
cis-1,2-Dichloroethylene							ND	.5	U
cis-1,3-Dichloropropene							ND	.5	U
Cymene							ND	.5	U
DBCP							ND	.5	U
Dibromochloromethane							ND	.5	U
Dibromomethane							ND	.5	U
Dichlorodifluoromethane							ND	.5	U
EDB	.31	.02	J	1.4	.2	J-C	1.8	.2	J-S
Ethene, 1,2-dichloro-, (E)-							ND	.5	U
Ethylbenzene							ND	.5	U
Hexachlorobutadiene*							ND	.5	U
m-Dichlorobenzene							ND	.5	U
Methyl bromide							ND	.5	U
Methyl chloride							ND	.5	U
Methylene chloride							ND	.5	U
n-Butylbenzene							ND	.5	U
n-Propylbenzene							ND	.5	U
Naphthalene*							ND	.5	U
o-Chlorotoluene							ND	.5	U
o-Dichlorobenzene							ND	.5	U
p-Chlorotoluene							ND	.5	U
p-Dichlorobenzene							ND	.5	U
sec-Butylbenzene							ND	.5	U
Styrene							ND	.5	U
tert-Butylbenzene							ND	.5	U
Tetrachloroethylene							ND	.5	U
Toluene							ND	.5	U
trans-1,3-Dichloropropene							ND	.5	U
Trichloroethylene							ND	.5	U
Trichlorofluoromethane							ND	.5	U
Vinyl chloride							ND	.5	U
TVOC							2.17	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID:000-173 Date:09/25/01 Depth: 111			Well ID:000-173 Date:11/27/01 Depth: 111			Well ID:000-174 Date:03/26/01 Depth: 61		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	UJ-P						
1,1,1-Trichloroethane	ND	.5	UJ-P						
1,1,2,2-Tetrachloroethane	ND	.5	UJ-P						
1,1,2-Trichloroethane	ND	.5	UJ-P						
1,1-Dichloroethane	ND	.5	UJ-P						
1,1-Dichloroethylene	ND	.5	UJ-P						
1,1-Dichloropropene	ND	.5	UJ-P						
1,2,3-Trichlorobenzene	ND	.5	UJ-P						
1,2,3-Trichloropropane	ND	.5	UJ-P						
1,2,4-Trichlorobenzene*	ND	.5	UJ-P						
1,2-Dichloroethane	ND	.5	UJ-P						
1,2-Dichloropropane	ND	.5	UJ-P						
1,3-Dichloropropane	ND	.5	UJ-P						
2,2-Dichloropropane	ND	.5	UJ-P						
Benzene	ND	.5	UJ-P						
Benzene, 1,2,4-trimethyl	ND	.5	UJ-P						
Benzene, 1,3,5-trimethyl-	ND	.5	UJ-P						
Benzene, 1-methylethyl-	ND	.5	UJ-P						
Bromobenzene	ND	.5	UJ-P						
Bromodichloromethane	ND	.5	UJ-P						
Bromoform	ND	.5	UJ-P						
Carbon tetrachloride	ND	.5	UJ-P						
Chlorobenzene	ND	.5	UJ-P						
Chlorobromomethane	ND	.5	UJ-P						
Chloroethane	ND	.5	UJ-P						
Chloroform	.38	.5	J-P						
cis-1,2-Dichloroethylene	ND	.5	UJ-P						
cis-1,3-Dichloropropene	ND	.5	UJ-P						
Cymene	ND	.5	UJ-P						
DBCP	ND	.5	UJ-P						
Dibromochloromethane	ND	.5	UJ-P						
Dibromomethane	ND	.5	UJ-P						
Dichlorodifluoromethane	ND	.5	UJ-P						
EDB	3.3	.2		.58	.2	J	ND	.02	UJ-C
Ethene, 1,2-dichloro-, (E)-	ND	.5	UJ-P						
Ethylbenzene	ND	.5	UJ-P						
Hexachlorobutadiene*	ND	.5	UJ-P						
m-Dichlorobenzene	ND	.5	UJ-P						
Methyl bromide	ND	.5	UJ-P						
Methyl chloride	.15	.5	J-P						
Methylene chloride	ND	.5	UJ-P						
n-Butylbenzene	ND	.5	UJ-P						
n-Propylbenzene	ND	.5	UJ-P						
Naphthalene*	ND	.5	UJ-P						
o-Chlorotoluene	ND	.5	UJ-P						
o-Dichlorobenzene	ND	.5	UJ-P						
p-Chlorotoluene	ND	.5	UJ-P						
p-Dichlorobenzene	ND	.5	UJ-P						
sec-Butylbenzene	ND	.5	UJ-P						
Styrene	ND	.5	UJ-P						
tert-Butylbenzene	ND	.5	UJ-P						
Tetrachloroethylene	ND	.5	UJ-P						
Toluene	ND	.5	UJ-P						
trans-1,3-Dichloropropene	ND	.5	UJ-P						
Trichloroethylene	ND	.5	UJ-P						
Trichlorofluoromethane	ND	.5	UJ-P						
Vinyl chloride	ND	.5	UJ-P						
TVOC	2.23	0							

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID:000-174 Date:06/08/01 Depth: 61			Well ID:000-174 Date:09/25/01 Depth: 61			Well ID:000-174 Date:11/27/01 Depth: 61		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	UJ-P			
1,1,1-Trichloroethane	ND	.5	U	1.9	.5	J-P			
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	UJ-P			
1,1,2-Trichloroethane	ND	.5	U	ND	.5	UJ-P			
1,1-Dichloroethane	ND	.5	U	ND	.5	UJ-P			
1,1-Dichloroethylene	ND	.5	U	ND	.5	UJ-P			
1,1-Dichloropropene	ND	.5	U	ND	.5	UJ-P			
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	UJ-P			
1,2,3-Trichloropropane	ND	.5	U	ND	.5	UJ-P			
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	UJ-P			
1,2-Dichloroethane	ND	.5	U	ND	.5	UJ-P			
1,2-Dichloropropane	ND	.5	U	ND	.5	UJ-P			
1,3-Dichloropropane	ND	.5	U	ND	.5	UJ-P			
2,2-Dichloropropane	ND	.5	U	ND	.5	UJ-P			
Benzene	ND	.5	U	ND	.5	UJ-P			
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	UJ-P			
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	UJ-P			
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	UJ-P			
Bromobenzene	ND	.5	U	ND	.5	UJ-P			
Bromodichloromethane	ND	.5	U	ND	.5	UJ-P			
Bromoform	ND	.5	U	ND	.5	UJ-P			
Carbon tetrachloride	ND	.5	U	.24	.5	J-P			
Chlorobenzene	ND	.5	U	ND	.5	UJ-P			
Chlorobromomethane	ND	.5	U	ND	.5	UJ-P			
Chloroethane	ND	.5	U	ND	.5	UJ-P			
Chloroform	2.3	.5		.58	.5	J-P			
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	UJ-P			
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	UJ-P			
Cymene	ND	.5	U	ND	.5	UJ-P			
DBCP	ND	.5	U	ND	.5	UJ-P			
Dibromochloromethane	ND	.5	U	ND	.5	UJ-P			
Dibromomethane	ND	.5	U	ND	.5	UJ-P			
Dichlorodifluoromethane	ND	.5	U	ND	.5	UJ-P			
EDB	ND	.02	UJ-S	ND	.02	U	ND	.02	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	UJ-P			
Ethylbenzene	ND	.5	U	ND	.5	UJ-P			
Hexachlorobutadiene*	ND	.5	U	ND	.5	UJ-P			
m-Dichlorobenzene	ND	.5	U	ND	.5	UJ-P			
Methyl bromide	ND	.5	U	ND	.5	UJ-P			
Methyl chloride	ND	.5	U	.16	.5	J-P			
Methylene chloride	ND	.5	U	ND	.5	UJ-P			
n-Butylbenzene	ND	.5	U	ND	.5	UJ-P			
n-Propylbenzene	ND	.5	U	ND	.5	UJ-P			
Naphthalene*	ND	.5	U	ND	.5	UJ-P			
o-Chlorotoluene	ND	.5	U	ND	.5	UJ-P			
o-Dichlorobenzene	ND	.5	U	ND	.5	UJ-P			
p-Chlorotoluene	ND	.5	U	ND	.5	UJ-P			
p-Dichlorobenzene	ND	.5	U	ND	.5	UJ-P			
sec-Butylbenzene	ND	.5	U	ND	.5	UJ-P			
Styrene	ND	.5	U	ND	.5	UJ-P			
tert-Butylbenzene	ND	.5	U	ND	.5	UJ-P			
Tetrachloroethylene	ND	.5	U	ND	.5	UJ-P			
Toluene	ND	.5	U	ND	.5	UJ-P			
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	UJ-P			
Trichloroethylene	ND	.5	U	ND	.5	UJ-P			
Trichlorofluoromethane	ND	.5	U	ND	.5	UJ-P			
Vinyl chloride	ND	.5	U	ND	.5	UJ-P			
TVOC	2.3	0		2.88	0				

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID:000-175 Date:03/26/01 Depth: 105			Well ID:000-175 Date:06/08/01 Depth: 105			Well ID:000-175 Date:09/25/01 Depth: 105		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane				ND	.5	U	ND	.5	UJ-P
1,1,1-Trichloroethane				ND	.5	U	ND	.5	UJ-P
1,1,2,2-Tetrachloroethane				ND	.5	U	ND	.5	UJ-P
1,1,2-Trichloroethane				ND	.5	U	ND	.5	UJ-P
1,1-Dichloroethane				ND	.5	U	ND	.5	UJ-P
1,1-Dichloroethylene				ND	.5	U	ND	.5	UJ-P
1,1-Dichloropropene				ND	.5	U	ND	.5	UJ-P
1,2,3-Trichlorobenzene				ND	.5	U	ND	.5	UJ-P
1,2,3-Trichloropropane				ND	.5	U	ND	.5	UJ-P
1,2,4-Trichlorobenzene*				ND	.5	U	ND	.5	UJ-P
1,2-Dichloroethane				ND	.5	U	ND	.5	UJ-P
1,2-Dichloropropane				ND	.5	U	ND	.5	UJ-P
1,3-Dichloropropane				ND	.5	U	ND	.5	UJ-P
2,2-Dichloropropane				ND	.5	U	ND	.5	UJ-P
Benzene				ND	.5	U	ND	.5	UJ-P
Benzene, 1,2,4-trimethyl				ND	.5	U	ND	.5	UJ-P
Benzene, 1,3,5-trimethyl-				ND	.5	U	ND	.5	UJ-P
Benzene, 1-methylethyl-				ND	.5	U	ND	.5	UJ-P
Bromobenzene				ND	.5	U	ND	.5	UJ-P
Bromodichloromethane				ND	.5	U	ND	.5	UJ-P
Bromoform				ND	.5	U	ND	.5	UJ-P
Carbon tetrachloride				ND	.5	U	ND	.5	UJ-P
Chlorobenzene				ND	.5	U	ND	.5	UJ-P
Chlorobromomethane				ND	.5	U	ND	.5	UJ-P
Chloroethane				ND	.5	U	ND	.5	UJ-P
Chloroform				.3	.5	J	.28	.5	J-P
cis-1,2-Dichloroethylene				ND	.5	U	ND	.5	UJ-P
cis-1,3-Dichloropropene				ND	.5	U	ND	.5	UJ-P
Cymene				ND	.5	U	ND	.5	UJ-P
DBCP				ND	.5	U	ND	.5	UJ-P
Dibromochloromethane				ND	.5	U	ND	.5	UJ-P
Dibromomethane				ND	.5	U	ND	.5	UJ-P
Dichlorodifluoromethane				ND	.5	U	ND	.5	UJ-P
EDB	1	.2	J-C	1.2	.2	J-S	2.4	.2	
Ethene, 1,2-dichloro-, (E)-				ND	.5	U	ND	.5	UJ-P
Ethylbenzene				ND	.5	U	ND	.5	UJ-P
Hexachlorobutadiene*				ND	.5	U	ND	.5	UJ-P
m-Dichlorobenzene				ND	.5	U	ND	.5	UJ-P
Methyl bromide				ND	.5	U	ND	.5	UJ-P
Methyl chloride				ND	.5	U	ND	.5	UJ-P
Methylene chloride				ND	.5	U	ND	.5	UJ-P
n-Butylbenzene				ND	.5	U	ND	.5	UJ-P
n-Propylbenzene				ND	.5	U	ND	.5	UJ-P
Naphthalene*				ND	.5	U	ND	.5	UJ-P
o-Chlorotoluene				ND	.5	U	ND	.5	UJ-P
o-Dichlorobenzene				ND	.5	U	ND	.5	UJ-P
p-Chlorotoluene				ND	.5	U	ND	.5	UJ-P
p-Dichlorobenzene				ND	.5	U	ND	.5	UJ-P
sec-Butylbenzene				ND	.5	U	ND	.5	UJ-P
Styrene				ND	.5	U	ND	.5	UJ-P
tert-Butylbenzene				ND	.5	U	ND	.5	UJ-P
Tetrachloroethylene				ND	.5	U	ND	.5	UJ-P
Toluene				.35	.5	J	ND	.5	UJ-P
trans-1,3-Dichloropropene				ND	.5	U	ND	.5	UJ-P
Trichloroethylene				ND	.5	U	ND	.5	UJ-P
Trichlorofluoromethane				ND	.5	U	ND	.5	UJ-P
Vinyl chloride				ND	.5	U	ND	.5	UJ-P
TVOC				1.75	0		1.38	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID:000-175 Date:11/28/01 Depth: 105			Well ID:000-176 Date:03/26/01 Depth: 60			Well ID:000-176 Date:06/08/01 Depth: 60		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane							ND	.5	U
1,1,1-Trichloroethane							ND	.5	U
1,1,2,2-Tetrachloroethane							ND	.5	U
1,1,2-Trichloroethane							ND	.5	U
1,1-Dichloroethane							ND	.5	U
1,1-Dichloroethylene							ND	.5	U
1,1-Dichloropropene							ND	.5	U
1,2,3-Trichlorobenzene							ND	.5	U
1,2,3-Trichloropropane							ND	.5	U
1,2,4-Trichlorobenzene*							ND	.5	U
1,2-Dichloroethane							ND	.5	U
1,2-Dichloropropane							ND	.5	U
1,3-Dichloropropane							ND	.5	U
2,2-Dichloropropane							ND	.5	U
Benzene							ND	.5	U
Benzene, 1,2,4-trimethyl							ND	.5	U
Benzene, 1,3,5-trimethyl-							ND	.5	U
Benzene, 1-methylethyl-							ND	.5	U
Bromobenzene							ND	.5	U
Bromodichloromethane							ND	.5	U
Bromoform							ND	.5	U
Carbon tetrachloride							ND	.5	U
Chlorobenzene							ND	.5	U
Chlorobromomethane							ND	.5	U
Chloroethane							ND	.5	U
Chloroform							.54	.5	
cis-1,2-Dichloroethylene							ND	.5	U
cis-1,3-Dichloropropene							ND	.5	U
Cymene							ND	.5	U
DBCP							ND	.5	U
Dibromochloromethane							ND	.5	U
Dibromomethane							ND	.5	U
Dichlorodifluoromethane							ND	.5	U
EDB	.69	.1	J	ND	.02	UJ-C	--	--	R-L
Ethene, 1,2-dichloro-, (E)-							ND	.5	U
Ethylbenzene							ND	.5	U
Hexachlorobutadiene*							ND	.5	U
m-Dichlorobenzene							ND	.5	U
Methyl bromide							ND	.5	U
Methyl chloride							ND	.5	U
Methylene chloride							ND	.5	U
n-Butylbenzene							ND	.5	U
n-Propylbenzene							ND	.5	U
Naphthalene*							ND	.5	U
o-Chlorotoluene							ND	.5	U
o-Dichlorobenzene							ND	.5	U
p-Chlorotoluene							ND	.5	U
p-Dichlorobenzene							ND	.5	U
sec-Butylbenzene							ND	.5	U
Styrene							ND	.5	U
tert-Butylbenzene							ND	.5	U
Tetrachloroethylene							ND	.5	U
Toluene							ND	.5	U
trans-1,3-Dichloropropene							ND	.5	U
Trichloroethylene							ND	.5	U
Trichlorofluoromethane							ND	.5	U
Vinyl chloride							ND	.5	U
TVOC							.54	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID:000-176 Date:09/25/01 Depth: 60			Well ID:000-176 Date:11/28/01 Depth: 60			Well ID:000-177 Date:03/26/01 Depth: 111		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	UJ-P						
1,1,1-Trichloroethane	ND	.5	UJ-P						
1,1,2,2-Tetrachloroethane	ND	.5	UJ-P						
1,1,2-Trichloroethane	ND	.5	UJ-P						
1,1-Dichloroethane	ND	.5	UJ-P						
1,1-Dichloroethylene	ND	.5	UJ-P						
1,1-Dichloropropene	ND	.5	UJ-P						
1,2,3-Trichlorobenzene	ND	.5	UJ-P						
1,2,3-Trichloropropane	ND	.5	UJ-P						
1,2,4-Trichlorobenzene*	ND	.5	UJ-P						
1,2-Dichloroethane	ND	.5	UJ-P						
1,2-Dichloropropane	ND	.5	UJ-P						
1,3-Dichloropropane	ND	.5	UJ-P						
2,2-Dichloropropane	ND	.5	UJ-P						
Benzene	ND	.5	UJ-P						
Benzene, 1,2,4-trimethyl	ND	.5	UJ-P						
Benzene, 1,3,5-trimethyl-	ND	.5	UJ-P						
Benzene, 1-methylethyl-	ND	.5	UJ-P						
Bromobenzene	ND	.5	UJ-P						
Bromodichloromethane	ND	.5	UJ-P						
Bromoform	ND	.5	UJ-P						
Carbon tetrachloride	ND	.5	UJ-P						
Chlorobenzene	ND	.5	UJ-P						
Chlorobromomethane	ND	.5	UJ-P						
Chloroethane	ND	.5	UJ-P						
Chloroform	.38	.5	J-P						
cis-1,2-Dichloroethylene	ND	.5	UJ-P						
cis-1,3-Dichloropropene	ND	.5	UJ-P						
Cymene	ND	.5	UJ-P						
DBCP	ND	.5	UJ-P						
Dibromochloromethane	ND	.5	UJ-P						
Dibromomethane	ND	.5	UJ-P						
Dichlorodifluoromethane	ND	.5	UJ-P						
EDB	ND	.02	U	ND	.02	U	ND	.02	UJ-C
Ethene, 1,2-dichloro-, (E)-	ND	.5	UJ-P						
Ethylbenzene	ND	.5	UJ-P						
Hexachlorobutadiene*	ND	.5	UJ-P						
m-Dichlorobenzene	ND	.5	UJ-P						
Methyl bromide	ND	.5	UJ-P						
Methyl chloride	ND	.5	UJ-P						
Methylene chloride	ND	.5	UJ-P						
n-Butylbenzene	ND	.5	UJ-P						
n-Propylbenzene	ND	.5	UJ-P						
Naphthalene*	ND	.5	UJ-P						
o-Chlorotoluene	ND	.5	UJ-P						
o-Dichlorobenzene	ND	.5	UJ-P						
p-Chlorotoluene	ND	.5	UJ-P						
p-Dichlorobenzene	ND	.5	UJ-P						
sec-Butylbenzene	ND	.5	UJ-P						
Styrene	ND	.5	UJ-P						
tert-Butylbenzene	ND	.5	UJ-P						
Tetrachloroethylene	ND	.5	UJ-P						
Toluene	ND	.5	UJ-P						
trans-1,3-Dichloropropene	ND	.5	UJ-P						
Trichloroethylene	ND	.5	UJ-P						
Trichlorofluoromethane	ND	.5	UJ-P						
Vinyl chloride	ND	.5	UJ-P						
TVOC	.38	0							

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID:000-177 Date:06/08/01 Depth: 111			Well ID:000-177 Date:09/25/01 Depth: 111			Well ID:000-177 Date:11/27/01 Depth: 111		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	UJ-P			
1,1,1-Trichloroethane	ND	.5	U	ND	.5	UJ-P			
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	UJ-P			
1,1,2-Trichloroethane	ND	.5	U	ND	.5	UJ-P			
1,1-Dichloroethane	ND	.5	U	ND	.5	UJ-P			
1,1-Dichloroethylene	ND	.5	U	ND	.5	UJ-P			
1,1-Dichloropropene	ND	.5	U	ND	.5	UJ-P			
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	UJ-P			
1,2,3-Trichloropropane	ND	.5	U	ND	.5	UJ-P			
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	UJ-P			
1,2-Dichloroethane	ND	.5	U	ND	.5	UJ-P			
1,2-Dichloropropane	ND	.5	U	ND	.5	UJ-P			
1,3-Dichloropropane	ND	.5	U	ND	.5	UJ-P			
2,2-Dichloropropane	ND	.5	U	ND	.5	UJ-P			
Benzene	ND	.5	U	ND	.5	UJ-P			
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	UJ-P			
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	UJ-P			
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	UJ-P			
Bromobenzene	ND	.5	U	ND	.5	UJ-P			
Bromodichloromethane	ND	.5	U	ND	.5	UJ-P			
Bromoform	ND	.5	U	ND	.5	UJ-P			
Carbon tetrachloride	ND	.5	U	ND	.5	UJ-P			
Chlorobenzene	ND	.5	U	ND	.5	UJ-P			
Chlorobromomethane	ND	.5	U	ND	.5	UJ-P			
Chloroethane	ND	.5	U	ND	.5	UJ-P			
Chloroform	.56	.5		.57	.5	J-P			
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	UJ-P			
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	UJ-P			
Cymene	ND	.5	U	ND	.5	UJ-P			
DBCP	ND	.5	U	ND	.5	UJ-P			
Dibromochloromethane	ND	.5	U	ND	.5	UJ-P			
Dibromomethane	ND	.5	U	ND	.5	UJ-P			
Dichlorodifluoromethane	ND	.5	U	ND	.5	UJ-P			
EDB	--	--	R-L	ND	.02	U	ND	.02	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	UJ-P			
Ethylbenzene	ND	.5	U	ND	.5	UJ-P			
Hexachlorobutadiene*	ND	.5	U	ND	.5	UJ-P			
m-Dichlorobenzene	ND	.5	U	ND	.5	UJ-P			
Methyl bromide	ND	.5	U	ND	.5	UJ-P			
Methyl chloride	ND	.5	U	ND	.5	UJ-P			
Methylene chloride	ND	.5	U	ND	.5	UJ-P			
n-Butylbenzene	ND	.5	U	ND	.5	UJ-P			
n-Propylbenzene	ND	.5	U	ND	.5	UJ-P			
Naphthalene*	ND	.5	U	ND	.5	UJ-P			
o-Chlorotoluene	ND	.5	U	ND	.5	UJ-P			
o-Dichlorobenzene	ND	.5	U	ND	.5	UJ-P			
p-Chlorotoluene	ND	.5	U	ND	.5	UJ-P			
p-Dichlorobenzene	ND	.5	U	ND	.5	UJ-P			
sec-Butylbenzene	ND	.5	U	ND	.5	UJ-P			
Styrene	ND	.5	U	ND	.5	UJ-P			
tert-Butylbenzene	ND	.5	U	ND	.5	UJ-P			
Tetrachloroethylene	ND	.5	U	ND	.5	UJ-P			
Toluene	ND	.5	U	ND	.5	UJ-P			
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	UJ-P			
Trichloroethylene	ND	.5	U	.14	.5	J-P			
Trichlorofluoromethane	ND	.5	U	ND	.5	UJ-P			
Vinyl chloride	ND	.5	U	ND	.5	UJ-P			
TVOC	.56	0		.71	0				

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID:000-178 Date:03/26/01 Depth: 133			Well ID:000-178 Date:06/11/01 Depth: 133			Well ID:000-178 Date:09/25/01 Depth: 133		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane				ND	.5	U	ND	.5	UJ-P
1,1,1-Trichloroethane				.27	.5	J	.27	.5	J-P
1,1,2,2-Tetrachloroethane				ND	.5	U	ND	.5	UJ-P
1,1,2-Trichloroethane				ND	.5	U	ND	.5	UJ-P
1,1-Dichloroethane				ND	.5	U	ND	.5	UJ-P
1,1-Dichloroethylene				ND	.5	U	ND	.5	UJ-P
1,1-Dichloropropene				ND	.5	U	ND	.5	UJ-P
1,2,3-Trichlorobenzene				ND	.5	U	ND	.5	UJ-P
1,2,3-Trichloropropane				ND	.5	U	ND	.5	UJ-P
1,2,4-Trichlorobenzene*				ND	.5	U	ND	.5	UJ-P
1,2-Dichloroethane				ND	.5	U	ND	.5	UJ-P
1,2-Dichloropropane				ND	.5	U	ND	.5	UJ-P
1,3-Dichloropropane				ND	.5	U	ND	.5	UJ-P
2,2-Dichloropropane				ND	.5	U	ND	.5	UJ-P
Benzene				ND	.5	U	ND	.5	UJ-P
Benzene, 1,2,4-trimethyl				ND	.5	U	ND	.5	UJ-P
Benzene, 1,3,5-trimethyl-				ND	.5	U	ND	.5	UJ-P
Benzene, 1-methylethyl-				ND	.5	U	ND	.5	UJ-P
Bromobenzene				ND	.5	U	ND	.5	UJ-P
Bromodichloromethane				ND	.5	U	ND	.5	UJ-P
Bromoform				ND	.5	U	ND	.5	UJ-P
Carbon tetrachloride				ND	.5	U	ND	.5	UJ-P
Chlorobenzene				ND	.5	U	ND	.5	UJ-P
Chlorobromomethane				ND	.5	U	ND	.5	UJ-P
Chloroethane				ND	.5	U	ND	.5	UJ-P
Chloroform				ND	.5	U	.18	.5	J-P
cis-1,2-Dichloroethylene				ND	.5	U	ND	.5	UJ-P
cis-1,3-Dichloropropene				ND	.5	U	ND	.5	UJ-P
Cymene				ND	.5	U	ND	.5	UJ-P
DBCP				ND	.5	U	ND	.5	UJ-P
Dibromochloromethane				ND	.5	U	ND	.5	UJ-P
Dibromomethane				ND	.5	U	ND	.5	UJ-P
Dichlorodifluoromethane				ND	.5	U	ND	.5	UJ-P
EDB	ND	.02	UJ-C	ND	.02	U	ND	.02	U
Ethene, 1,2-dichloro-, (E)-				ND	.5	U	ND	.5	UJ-P
Ethylbenzene				ND	.5	U	ND	.5	UJ-P
Hexachlorobutadiene*				ND	.5	U	ND	.5	UJ-P
m-Dichlorobenzene				ND	.5	U	ND	.5	UJ-P
Methyl bromide				ND	.5	U	ND	.5	UJ-P
Methyl chloride				ND	.5	U	ND	.5	UJ-P
Methylene chloride				ND	.5	U	ND	.5	UJ-P
n-Butylbenzene				ND	.5	U	ND	.5	UJ-P
n-Propylbenzene				ND	.5	U	ND	.5	UJ-P
Naphthalene*				ND	.5	U	ND	.5	UJ-P
o-Chlorotoluene				ND	.5	U	ND	.5	UJ-P
o-Dichlorobenzene				ND	.5	U	ND	.5	UJ-P
p-Chlorotoluene				ND	.5	U	ND	.5	UJ-P
p-Dichlorobenzene				ND	.5	U	ND	.5	UJ-P
sec-Butylbenzene				ND	.5	U	ND	.5	UJ-P
Styrene				ND	.5	U	ND	.5	UJ-P
tert-Butylbenzene				ND	.5	U	ND	.5	UJ-P
Tetrachloroethylene				ND	.5	U	ND	.5	UJ-P
Toluene				ND	.5	U	ND	.5	UJ-P
trans-1,3-Dichloropropene				ND	.5	U	ND	.5	UJ-P
Trichloroethylene				ND	.5	U	ND	.5	UJ-P
Trichlorofluoromethane				ND	.5	U	ND	.5	UJ-P
Vinyl chloride				ND	.5	U	ND	.5	UJ-P
TVOC				.27	0		.45	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID:000-178 Date:11/27/01 Depth: 133			Well ID:000-179 Date:03/26/01 Depth: 122			Well ID:000-179 Date:06/08/01 Depth: 122		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane							ND	.5	U
1,1,1-Trichloroethane							ND	.5	U
1,1,2,2-Tetrachloroethane							ND	.5	U
1,1,2-Trichloroethane							ND	.5	U
1,1-Dichloroethane							ND	.5	U
1,1-Dichloroethylene							ND	.5	U
1,1-Dichloropropene							ND	.5	U
1,2,3-Trichlorobenzene							ND	.5	U
1,2,3-Trichloropropane							ND	.5	U
1,2,4-Trichlorobenzene*							ND	.5	U
1,2-Dichloroethane							ND	.5	U
1,2-Dichloropropane							ND	.5	U
1,3-Dichloropropane							ND	.5	U
2,2-Dichloropropane							ND	.5	U
Benzene							ND	.5	U
Benzene, 1,2,4-trimethyl							ND	.5	U
Benzene, 1,3,5-trimethyl-							ND	.5	U
Benzene, 1-methylethyl-							ND	.5	U
Bromobenzene							ND	.5	U
Bromodichloromethane							ND	.5	U
Bromoform							ND	.5	U
Carbon tetrachloride							ND	.5	U
Chlorobenzene							ND	.5	U
Chlorobromomethane							ND	.5	U
Chloroethane							ND	.5	U
Chloroform							ND	.5	U
cis-1,2-Dichloroethylene							ND	.5	U
cis-1,3-Dichloropropene							ND	.5	U
Cymene							ND	.5	U
DBCP							ND	.5	U
Dibromochloromethane							ND	.5	U
Dibromomethane							ND	.5	U
Dichlorodifluoromethane							ND	.5	U
EDB	ND	.02	U	ND	.02	UJ-C	--	--	R-L
Ethene, 1,2-dichloro-, (E)-							ND	.5	U
Ethylbenzene							ND	.5	U
Hexachlorobutadiene*							ND	.5	U
m-Dichlorobenzene							ND	.5	U
Methyl bromide							ND	.5	U
Methyl chloride							ND	.5	U
Methylene chloride							ND	.5	U
n-Butylbenzene							ND	.5	U
n-Propylbenzene							ND	.5	U
Naphthalene*							ND	.5	U
o-Chlorotoluene							ND	.5	U
o-Dichlorobenzene							ND	.5	U
p-Chlorotoluene							ND	.5	U
p-Dichlorobenzene							ND	.5	U
sec-Butylbenzene							ND	.5	U
Styrene							ND	.5	U
tert-Butylbenzene							ND	.5	U
Tetrachloroethylene							ND	.5	U
Toluene							ND	.5	U
trans-1,3-Dichloropropene							ND	.5	U
Trichloroethylene							ND	.5	U
Trichlorofluoromethane							ND	.5	U
Vinyl chloride							ND	.5	U
TVOC							0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID:000-179 Date:09/25/01 Depth: 122			Well ID:000-179 Date:11/27/01 Depth: 122			Well ID:000-180 Date:03/23/01 Depth: 148		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	UJ-P						
1,1,1-Trichloroethane	ND	.5	UJ-P						
1,1,2,2-Tetrachloroethane	ND	.5	UJ-P						
1,1,2-Trichloroethane	ND	.5	UJ-P						
1,1-Dichloroethane	ND	.5	UJ-P						
1,1-Dichloroethylene	ND	.5	UJ-P						
1,1-Dichloropropene	ND	.5	UJ-P						
1,2,3-Trichlorobenzene	ND	.5	UJ-P						
1,2,3-Trichloropropane	ND	.5	UJ-P						
1,2,4-Trichlorobenzene*	ND	.5	UJ-P						
1,2-Dichloroethane	ND	.5	UJ-P						
1,2-Dichloropropane	ND	.5	UJ-P						
1,3-Dichloropropane	ND	.5	UJ-P						
2,2-Dichloropropane	ND	.5	UJ-P						
Benzene	ND	.5	UJ-P						
Benzene, 1,2,4-trimethyl	ND	.5	UJ-P						
Benzene, 1,3,5-trimethyl-	ND	.5	UJ-P						
Benzene, 1-methylethyl-	ND	.5	UJ-P						
Bromobenzene	ND	.5	UJ-P						
Bromodichloromethane	ND	.5	UJ-P						
Bromoform	ND	.5	UJ-P						
Carbon tetrachloride	ND	.5	UJ-P						
Chlorobenzene	ND	.5	UJ-P						
Chlorobromomethane	ND	.5	UJ-P						
Chloroethane	ND	.5	UJ-P						
Chloroform	.13	.5	J-P						
cis-1,2-Dichloroethylene	ND	.5	UJ-P						
cis-1,3-Dichloropropene	ND	.5	UJ-P						
Cymene	ND	.5	UJ-P						
DBCP	ND	.5	UJ-P						
Dibromochloromethane	ND	.5	UJ-P						
Dibromomethane	ND	.5	UJ-P						
Dichlorodifluoromethane	ND	.5	UJ-P						
EDB	ND	.02	U	ND	.02	U	.02	.02	J-C
Ethene, 1,2-dichloro-, (E)-	ND	.5	UJ-P						
Ethylbenzene	ND	.5	UJ-P						
Hexachlorobutadiene*	ND	.5	UJ-P						
m-Dichlorobenzene	ND	.5	UJ-P						
Methyl bromide	ND	.5	UJ-P						
Methyl chloride	ND	.5	UJ-P						
Methylene chloride	ND	.5	UJ-P						
n-Butylbenzene	ND	.5	UJ-P						
n-Propylbenzene	ND	.5	UJ-P						
Naphthalene*	ND	.5	UJ-P						
o-Chlorotoluene	ND	.5	UJ-P						
o-Dichlorobenzene	ND	.5	UJ-P						
p-Chlorotoluene	ND	.5	UJ-P						
p-Dichlorobenzene	ND	.5	UJ-P						
sec-Butylbenzene	ND	.5	UJ-P						
Styrene	ND	.5	UJ-P						
tert-Butylbenzene	ND	.5	UJ-P						
Tetrachloroethylene	ND	.5	UJ-P						
Toluene	ND	.5	UJ-P						
trans-1,3-Dichloropropene	ND	.5	UJ-P						
Trichloroethylene	ND	.5	UJ-P						
Trichlorofluoromethane	ND	.5	UJ-P						
Vinyl chloride	ND	.5	UJ-P						
TVOC	.13	0							

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID:000-180 Date:06/07/01 Depth: 148			Well ID:000-180 Date:09/21/01 Depth: 148			Well ID:000-180 Date:11/29/01 Depth: 148		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U			
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U			
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U			
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U			
1,1-Dichloroethane	ND	.5	U	ND	.5	U			
1,1-Dichloroethylene	ND	.5	U	ND	.5	U			
1,1-Dichloropropene	ND	.5	U	ND	.5	U			
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U			
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U			
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U			
1,2-Dichloroethane	ND	.5	U	ND	.5	U			
1,2-Dichloropropane	ND	.5	U	ND	.5	U			
1,3-Dichloropropane	ND	.5	U	ND	.5	U			
2,2-Dichloropropane	ND	.5	U	ND	.5	U			
Benzene	ND	.5	U	ND	.5	U			
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U			
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U			
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U			
Bromobenzene	ND	.5	U	ND	.5	U			
Bromodichloromethane	ND	.5	U	ND	.5	U			
Bromoform	ND	.5	U	ND	.5	U			
Carbon tetrachloride	ND	.5	U	ND	.5	U			
Chlorobenzene	ND	.5	U	ND	.5	U			
Chlorobromomethane	ND	.5	U	ND	.5	U			
Chloroethane	ND	.5	U	ND	.5	U			
Chloroform	.36	.5	J	.35	.5	J			
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U			
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U			
Cymene	ND	.5	U	ND	.5	U			
DBCP	ND	.5	U	ND	.5	U			
Dibromochloromethane	ND	.5	U	ND	.5	U			
Dibromomethane	ND	.5	U	ND	.5	U			
Dichlorodifluoromethane	ND	.5	U	ND	.5	U			
EDB	.112	.02	J-L	.02	.02	J	.017	.02	J
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U			
Ethylbenzene	ND	.5	U	ND	.5	U			
Hexachlorobutadiene*	ND	.5	U	ND	.5	U			
m-Dichlorobenzene	ND	.5	U	ND	.5	U			
Methyl bromide	ND	.5	U	ND	.5	UJ-C			
Methyl chloride	ND	.5	U	ND	.5	U			
Methylene chloride	ND	.5	U	ND	.5	U			
n-Butylbenzene	ND	.5	U	ND	.5	U			
n-Propylbenzene	ND	.5	U	ND	.5	U			
Naphthalene*	ND	.5	U	ND	.5	U			
o-Chlorotoluene	ND	.5	U	ND	.5	U			
o-Dichlorobenzene	ND	.5	U	ND	.5	U			
p-Chlorotoluene	ND	.5	U	ND	.5	U			
p-Dichlorobenzene	ND	.5	U	ND	.5	U			
sec-Butylbenzene	ND	.5	U	ND	.5	U			
Styrene	ND	.5	U	ND	.5	U			
tert-Butylbenzene	ND	.5	U	ND	.5	U			
Tetrachloroethylene	ND	.5	U	ND	.5	U			
Toluene	ND	.5	U	ND	.5	U			
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U			
Trichloroethylene	ND	.5	U	ND	.5	U			
Trichlorofluoromethane	ND	.5	U	ND	.5	U			
Vinyl chloride	ND	.5	U	ND	.5	U			
TVOC	.36	0		.35	0				

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID:000-181 Date:03/23/01 Depth: 113			Well ID:000-181 Date:06/07/01 Depth: 113			Well ID:000-181 Date:09/21/01 Depth: 113		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane				ND	.5	U	ND	.5	U
1,1,1-Trichloroethane				ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane				ND	.5	U	ND	.5	U
1,1,2-Trichloroethane				ND	.5	U	ND	.5	U
1,1-Dichloroethane				ND	.5	U	ND	.5	U
1,1-Dichloroethylene				ND	.5	U	ND	.5	U
1,1-Dichloropropene				ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene				ND	.5	U	ND	.5	U
1,2,3-Trichloropropane				ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*				ND	.5	U	ND	.5	U
1,2-Dichloroethane				ND	.5	U	ND	.5	U
1,2-Dichloropropane				ND	.5	U	ND	.5	U
1,3-Dichloropropane				ND	.5	U	ND	.5	U
2,2-Dichloropropane				ND	.5	U	ND	.5	U
Benzene				ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl				ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-				ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-				ND	.5	U	ND	.5	U
Bromobenzene				ND	.5	U	ND	.5	U
Bromodichloromethane				ND	.5	U	ND	.5	U
Bromoform				ND	.5	U	ND	.5	U
Carbon tetrachloride				ND	.5	U	ND	.5	U
Chlorobenzene				ND	.5	U	ND	.5	U
Chlorobromomethane				ND	.5	U	ND	.5	U
Chloroethane				ND	.5	U	ND	.5	U
Chloroform				ND	.5	U	.16	.5	J
cis-1,2-Dichloroethylene				ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene				ND	.5	U	ND	.5	U
Cymene				ND	.5	U	ND	.5	U
DBCP				ND	.5	U	ND	.5	U
Dibromochloromethane				ND	.5	U	ND	.5	U
Dibromomethane				ND	.5	U	ND	.5	U
Dichlorodifluoromethane				ND	.5	U	ND	.5	U
EDB	ND	.02	UJ-C	ND	.02	UJ-S	ND	.02	U
Ethene, 1,2-dichloro-, (E)-				ND	.5	U	ND	.5	U
Ethylbenzene				ND	.5	U	ND	.5	U
Hexachlorobutadiene*				ND	.5	U	ND	.5	U
m-Dichlorobenzene				ND	.5	U	ND	.5	U
Methyl bromide				ND	.5	U	ND	.5	UJ-C
Methyl chloride				ND	.5	U	ND	.5	U
Methylene chloride				ND	.5	U	ND	.5	U
n-Butylbenzene				ND	.5	U	ND	.5	U
n-Propylbenzene				ND	.5	U	ND	.5	U
Naphthalene*				ND	.5	U	ND	.5	U
o-Chlorotoluene				ND	.5	U	ND	.5	U
o-Dichlorobenzene				ND	.5	U	ND	.5	U
p-Chlorotoluene				ND	.5	U	ND	.5	U
p-Dichlorobenzene				ND	.5	U	ND	.5	U
sec-Butylbenzene				ND	.5	U	ND	.5	U
Styrene				ND	.5	U	ND	.5	U
tert-Butylbenzene				ND	.5	U	ND	.5	U
Tetrachloroethylene				ND	.5	U	ND	.5	U
Toluene				ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene				ND	.5	U	ND	.5	U
Trichloroethylene				ND	.5	U	ND	.5	U
Trichlorofluoromethane				ND	.5	U	ND	.5	U
Vinyl chloride				ND	.5	U	ND	.5	U
TVOC				0	0		.16	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID:000-181 Date:11/28/01 Depth: 113			Well ID:000-201 Date:03/26/01 Depth: 98			Well ID:000-201 Date:06/08/01 Depth: 60		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane							ND	.5	U
1,1,1-Trichloroethane							ND	.5	U
1,1,2,2-Tetrachloroethane							ND	.5	U
1,1,2-Trichloroethane							ND	.5	U
1,1-Dichloroethane							ND	.5	U
1,1-Dichloroethylene							ND	.5	U
1,1-Dichloropropene							ND	.5	U
1,2,3-Trichlorobenzene							ND	.5	U
1,2,3-Trichloropropane							ND	.5	U
1,2,4-Trichlorobenzene*							ND	.5	U
1,2-Dichloroethane							ND	.5	U
1,2-Dichloropropane							ND	.5	U
1,3-Dichloropropane							ND	.5	U
2,2-Dichloropropane							ND	.5	U
Benzene							ND	.5	U
Benzene, 1,2,4-trimethyl							ND	.5	U
Benzene, 1,3,5-trimethyl-							ND	.5	U
Benzene, 1-methylethyl-							ND	.5	U
Bromobenzene							ND	.5	U
Bromodichloromethane							ND	.5	U
Bromoform							ND	.5	U
Carbon tetrachloride							ND	.5	U
Chlorobenzene							ND	.5	U
Chlorobromomethane							ND	.5	U
Chloroethane							ND	.5	U
Chloroform							.41	.5	J
cis-1,2-Dichloroethylene							ND	.5	U
cis-1,3-Dichloropropene							ND	.5	U
Cymene							ND	.5	U
DBCP							ND	.5	U
Dibromochloromethane							ND	.5	U
Dibromomethane							ND	.5	U
Dichlorodifluoromethane							ND	.5	U
EDB	ND	.02	U	ND	.02	UJ-C	--	--	R-L
Ethene, 1,2-dichloro-, (E)-							ND	.5	U
Ethylbenzene							ND	.5	U
Hexachlorobutadiene*							ND	.5	U
m-Dichlorobenzene							ND	.5	U
Methyl bromide							ND	.5	U
Methyl chloride							ND	.5	U
Methylene chloride							ND	.5	U
n-Butylbenzene							ND	.5	U
n-Propylbenzene							ND	.5	U
Naphthalene*							ND	.5	U
o-Chlorotoluene							ND	.5	U
o-Dichlorobenzene							ND	.5	U
p-Chlorotoluene							ND	.5	U
p-Dichlorobenzene							ND	.5	U
sec-Butylbenzene							ND	.5	U
Styrene							ND	.5	U
tert-Butylbenzene							ND	.5	U
Tetrachloroethylene							ND	.5	U
Toluene							ND	.5	U
trans-1,3-Dichloropropene							ND	.5	U
Trichloroethylene							ND	.5	U
Trichlorofluoromethane							ND	.5	U
Vinyl chloride							ND	.5	U
TVOC							.41	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID:000-201 Date:09/25/01 Depth: 98			Well ID:000-201 Date:11/28/01 Depth: 98			Well ID:000-209 Date:03/26/01 Depth: 99		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	UJ-P						
1,1,1-Trichloroethane	ND	.5	UJ-P						
1,1,2,2-Tetrachloroethane	ND	.5	UJ-P						
1,1,2-Trichloroethane	ND	.5	UJ-P						
1,1-Dichloroethane	ND	.5	UJ-P						
1,1-Dichloroethylene	ND	.5	UJ-P						
1,1-Dichloropropene	ND	.5	UJ-P						
1,2,3-Trichlorobenzene	ND	.5	UJ-P						
1,2,3-Trichloropropane	ND	.5	UJ-P						
1,2,4-Trichlorobenzene*	ND	.5	UJ-P						
1,2-Dichloroethane	ND	.5	UJ-P						
1,2-Dichloropropane	ND	.5	UJ-P						
1,3-Dichloropropane	ND	.5	UJ-P						
2,2-Dichloropropane	ND	.5	UJ-P						
Benzene	ND	.5	UJ-P						
Benzene, 1,2,4-trimethyl	ND	.5	UJ-P						
Benzene, 1,3,5-trimethyl-	ND	.5	UJ-P						
Benzene, 1-methylethyl-	ND	.5	UJ-P						
Bromobenzene	ND	.5	UJ-P						
Bromodichloromethane	ND	.5	UJ-P						
Bromoform	ND	.5	UJ-P						
Carbon tetrachloride	ND	.5	UJ-P						
Chlorobenzene	ND	.5	UJ-P						
Chlorobromomethane	ND	.5	UJ-P						
Chloroethane	ND	.5	UJ-P						
Chloroform	.36	.5	J-P						
cis-1,2-Dichloroethylene	ND	.5	UJ-P						
cis-1,3-Dichloropropene	ND	.5	UJ-P						
Cymene	ND	.5	UJ-P						
DBCP	ND	.5	UJ-P						
Dibromochloromethane	ND	.5	UJ-P						
Dibromomethane	ND	.5	UJ-P						
Dichlorodifluoromethane	ND	.5	UJ-P						
EDB	ND	.02	U	ND	.02	U	1.6	.2	J-C
Ethene, 1,2-dichloro-, (E)-	ND	.5	UJ-P						
Ethylbenzene	ND	.5	UJ-P						
Hexachlorobutadiene*	ND	.5	UJ-P						
m-Dichlorobenzene	ND	.5	UJ-P						
Methyl bromide	ND	.5	UJ-P						
Methyl chloride	ND	.5	UJ-P						
Methylene chloride	ND	.5	UJ-P						
n-Butylbenzene	ND	.5	UJ-P						
n-Propylbenzene	ND	.5	UJ-P						
Naphthalene*	ND	.5	UJ-P						
o-Chlorotoluene	ND	.5	UJ-P						
o-Dichlorobenzene	ND	.5	UJ-P						
p-Chlorotoluene	ND	.5	UJ-P						
p-Dichlorobenzene	ND	.5	UJ-P						
sec-Butylbenzene	ND	.5	UJ-P						
Styrene	ND	.5	UJ-P						
tert-Butylbenzene	ND	.5	UJ-P						
Tetrachloroethylene	ND	.5	UJ-P						
Toluene	ND	.5	UJ-P						
trans-1,3-Dichloropropene	ND	.5	UJ-P						
Trichloroethylene	ND	.5	UJ-P						
Trichlorofluoromethane	ND	.5	UJ-P						
Vinyl chloride	ND	.5	UJ-P						
TVOC	.36	0							

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID:000-209 Date:06/08/01 Depth: 99			Well ID:000-209 Date:09/25/01 Depth: 99			Well ID:000-209 Date:11/28/01 Depth: 99		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	UJ-P			
1,1,1-Trichloroethane	ND	.5	U	ND	.5	UJ-P			
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	UJ-P			
1,1,2-Trichloroethane	ND	.5	U	ND	.5	UJ-P			
1,1-Dichloroethane	ND	.5	U	ND	.5	UJ-P			
1,1-Dichloroethylene	ND	.5	U	ND	.5	UJ-P			
1,1-Dichloropropene	ND	.5	U	ND	.5	UJ-P			
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	UJ-P			
1,2,3-Trichloropropane	ND	.5	U	ND	.5	UJ-P			
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	UJ-P			
1,2-Dichloroethane	ND	.5	U	ND	.5	UJ-P			
1,2-Dichloropropane	ND	.5	U	ND	.5	UJ-P			
1,3-Dichloropropane	ND	.5	U	ND	.5	UJ-P			
2,2-Dichloropropane	ND	.5	U	ND	.5	UJ-P			
Benzene	ND	.5	U	ND	.5	UJ-P			
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	UJ-P			
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	UJ-P			
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	UJ-P			
Bromobenzene	ND	.5	U	ND	.5	UJ-P			
Bromodichloromethane	ND	.5	U	ND	.5	UJ-P			
Bromoform	ND	.5	U	ND	.5	UJ-P			
Carbon tetrachloride	ND	.5	U	ND	.5	UJ-P			
Chlorobenzene	ND	.5	U	ND	.5	UJ-P			
Chlorobromomethane	ND	.5	U	ND	.5	UJ-P			
Chloroethane	ND	.5	U	ND	.5	UJ-P			
Chloroform	.46	.5	J	.41	.5	J-P			
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	UJ-P			
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	UJ-P			
Cymene	ND	.5	U	ND	.5	UJ-P			
DBCP	ND	.5	U	ND	.5	UJ-P			
Dibromochloromethane	ND	.5	U	ND	.5	UJ-P			
Dibromomethane	ND	.5	U	ND	.5	UJ-P			
Dichlorodifluoromethane	ND	.5	U	ND	.5	UJ-P			
EDB	2.2	.2	J-S	3	.2		2.1	.2	J
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	UJ-P			
Ethylbenzene	ND	.5	U	ND	.5	UJ-P			
Hexachlorobutadiene*	ND	.5	U	ND	.5	UJ-P			
m-Dichlorobenzene	ND	.5	U	ND	.5	UJ-P			
Methyl bromide	ND	.5	U	ND	.5	UJ-P			
Methyl chloride	ND	.5	U	ND	.5	UJ-P			
Methylene chloride	ND	.5	U	ND	.5	UJ-P			
n-Butylbenzene	ND	.5	U	ND	.5	UJ-P			
n-Propylbenzene	ND	.5	U	ND	.5	UJ-P			
Naphthalene*	ND	.5	U	ND	.5	UJ-P			
o-Chlorotoluene	ND	.5	U	ND	.5	UJ-P			
o-Dichlorobenzene	ND	.5	U	ND	.5	UJ-P			
p-Chlorotoluene	ND	.5	U	ND	.5	UJ-P			
p-Dichlorobenzene	ND	.5	U	ND	.5	UJ-P			
sec-Butylbenzene	ND	.5	U	ND	.5	UJ-P			
Styrene	ND	.5	U	ND	.5	UJ-P			
tert-Butylbenzene	ND	.5	U	ND	.5	UJ-P			
Tetrachloroethylene	ND	.5	U	ND	.5	UJ-P			
Toluene	ND	.5	U	ND	.5	UJ-P			
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	UJ-P			
Trichloroethylene	ND	.5	U	ND	.5	UJ-P			
Trichlorofluoromethane	ND	.5	U	ND	.5	UJ-P			
Vinyl chloride	ND	.5	U	ND	.5	UJ-P			
TVOC	2.56	0		2.71	0				

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID:000-283 Date:03/26/01 Depth: 107			Well ID:000-283 Date:06/11/01 Depth: 107			Well ID:000-283 Date:09/25/01 Depth: 107		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane				ND	.5	U	ND	.5	UJ-P
1,1,1-Trichloroethane				ND	.5	U	ND	.5	UJ-P
1,1,2,2-Tetrachloroethane				ND	.5	U	ND	.5	UJ-P
1,1,2-Trichloroethane				ND	.5	U	ND	.5	UJ-P
1,1-Dichloroethane				ND	.5	U	ND	.5	UJ-P
1,1-Dichloroethylene				ND	.5	U	ND	.5	UJ-P
1,1-Dichloropropene				ND	.5	U	ND	.5	UJ-P
1,2,3-Trichlorobenzene				ND	.5	U	ND	.5	UJ-P
1,2,3-Trichloropropane				ND	.5	U	ND	.5	UJ-P
1,2,4-Trichlorobenzene*				ND	.5	U	ND	.5	UJ-P
1,2-Dichloroethane				ND	.5	U	ND	.5	UJ-P
1,2-Dichloropropane				ND	.5	U	ND	.5	UJ-P
1,3-Dichloropropane				ND	.5	U	ND	.5	UJ-P
2,2-Dichloropropane				ND	.5	U	ND	.5	UJ-P
Benzene				ND	.5	U	ND	.5	UJ-P
Benzene, 1,2,4-trimethyl				ND	.5	U	ND	.5	UJ-P
Benzene, 1,3,5-trimethyl-				ND	.5	U	ND	.5	UJ-P
Benzene, 1-methylethyl-				ND	.5	U	ND	.5	UJ-P
Bromobenzene				ND	.5	U	ND	.5	UJ-P
Bromodichloromethane				ND	.5	U	ND	.5	UJ-P
Bromoform				ND	.5	U	ND	.5	UJ-P
Carbon tetrachloride				ND	.5	U	ND	.5	UJ-P
Chlorobenzene				ND	.5	U	ND	.5	UJ-P
Chlorobromomethane				ND	.5	U	ND	.5	UJ-P
Chloroethane				ND	.5	U	ND	.5	UJ-P
Chloroform				.78	.5		.85	.5	J-P
cis-1,2-Dichloroethylene				ND	.5	U	ND	.5	UJ-P
cis-1,3-Dichloropropene				ND	.5	U	ND	.5	UJ-P
Cymene				ND	.5	U	ND	.5	UJ-P
DBCP				ND	.5	U	ND	.5	UJ-P
Dibromochloromethane				ND	.5	U	ND	.5	UJ-P
Dibromomethane				ND	.5	U	ND	.5	UJ-P
Dichlorodifluoromethane				ND	.5	U	ND	.5	UJ-P
EDB	1.4	.2	J-C	2.5	.2		7.6	.4	
Ethene, 1,2-dichloro-, (E)-				ND	.5	U	ND	.5	UJ-P
Ethylbenzene				ND	.5	U	ND	.5	UJ-P
Hexachlorobutadiene*				ND	.5	U	ND	.5	UJ-P
m-Dichlorobenzene				ND	.5	U	ND	.5	UJ-P
Methyl bromide				ND	.5	U	ND	.5	UJ-P
Methyl chloride				ND	.5	U	.12	.5	J-P
Methylene chloride				ND	.5	U	ND	.5	UJ-P
n-Butylbenzene				ND	.5	U	ND	.5	UJ-P
n-Propylbenzene				ND	.5	U	ND	.5	UJ-P
Naphthalene*				ND	.5	U	ND	.5	UJ-P
o-Chlorotoluene				ND	.5	U	ND	.5	UJ-P
o-Dichlorobenzene				ND	.5	U	ND	.5	UJ-P
p-Chlorotoluene				ND	.5	U	ND	.5	UJ-P
p-Dichlorobenzene				ND	.5	U	ND	.5	UJ-P
sec-Butylbenzene				ND	.5	U	ND	.5	UJ-P
Styrene				ND	.5	U	ND	.5	UJ-P
tert-Butylbenzene				ND	.5	U	ND	.5	UJ-P
Tetrachloroethylene				ND	.5	U	ND	.5	UJ-P
Toluene				ND	.5	U	ND	.5	UJ-P
trans-1,3-Dichloropropene				ND	.5	U	ND	.5	UJ-P
Trichloroethylene				ND	.5	U	ND	.5	UJ-P
Trichlorofluoromethane				ND	.5	U	ND	.5	UJ-P
Vinyl chloride				ND	.5	U	ND	.5	UJ-P
TVOC				3.88	0		4.27	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID:000-283 Date:11/27/01 Depth: 107			Well ID:000-284 Date:03/26/01 Depth: 107			Well ID:000-284 Date:06/11/01 Depth: 107		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane							ND	.5	U
1,1,1-Trichloroethane							ND	.5	U
1,1,2,2-Tetrachloroethane							ND	.5	U
1,1,2-Trichloroethane							ND	.5	U
1,1-Dichloroethane							ND	.5	U
1,1-Dichloroethylene							ND	.5	U
1,1-Dichloropropene							ND	.5	U
1,2,3-Trichlorobenzene							ND	.5	U
1,2,3-Trichloropropane							ND	.5	U
1,2,4-Trichlorobenzene*							ND	.5	U
1,2-Dichloroethane							ND	.5	U
1,2-Dichloropropane							ND	.5	U
1,3-Dichloropropane							ND	.5	U
2,2-Dichloropropane							ND	.5	U
Benzene							ND	.5	U
Benzene, 1,2,4-trimethyl							ND	.5	U
Benzene, 1,3,5-trimethyl-							ND	.5	U
Benzene, 1-methylethyl-							ND	.5	U
Bromobenzene							ND	.5	U
Bromodichloromethane							ND	.5	U
Bromoform							ND	.5	U
Carbon tetrachloride							ND	.5	U
Chlorobenzene							ND	.5	U
Chlorobromomethane							ND	.5	U
Chloroethane							ND	.5	U
Chloroform							.47	.5	J
cis-1,2-Dichloroethylene							ND	.5	U
cis-1,3-Dichloropropene							ND	.5	U
Cymene							ND	.5	U
DBCP							ND	.5	U
Dibromochloromethane							ND	.5	U
Dibromomethane							ND	.5	U
Dichlorodifluoromethane							ND	.5	U
EDB	1.4	.4	J	1	.2	J-C	2.1	.2	
Ethene, 1,2-dichloro-, (E)-							ND	.5	U
Ethylbenzene							ND	.5	U
Hexachlorobutadiene*							ND	.5	U
m-Dichlorobenzene							ND	.5	U
Methyl bromide							ND	.5	U
Methyl chloride							ND	.5	U
Methylene chloride							ND	.5	U
n-Butylbenzene							ND	.5	U
n-Propylbenzene							ND	.5	U
Naphthalene*							ND	.5	U
o-Chlorotoluene							ND	.5	U
o-Dichlorobenzene							ND	.5	U
p-Chlorotoluene							ND	.5	U
p-Dichlorobenzene							ND	.5	U
sec-Butylbenzene							ND	.5	U
Styrene							ND	.5	U
tert-Butylbenzene							ND	.5	U
Tetrachloroethylene							ND	.5	U
Toluene							ND	.5	U
trans-1,3-Dichloropropene							ND	.5	U
Trichloroethylene							ND	.5	U
Trichlorofluoromethane							ND	.5	U
Vinyl chloride							ND	.5	U
TVOC							2.67	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID:000-284 Date:09/25/01 Depth: 107			Well ID:000-284 Date:11/27/01 Depth: 107			Well ID:000-285 Date:03/23/01 Depth: 150		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	UJ-P						
1,1,1-Trichloroethane	ND	.5	UJ-P						
1,1,2,2-Tetrachloroethane	ND	.5	UJ-P						
1,1,2-Trichloroethane	ND	.5	UJ-P						
1,1-Dichloroethane	ND	.5	UJ-P						
1,1-Dichloroethylene	ND	.5	UJ-P						
1,1-Dichloropropene	ND	.5	UJ-P						
1,2,3-Trichlorobenzene	ND	.5	UJ-P						
1,2,3-Trichloropropane	ND	.5	UJ-P						
1,2,4-Trichlorobenzene*	ND	.5	UJ-P						
1,2-Dichloroethane	ND	.5	UJ-P						
1,2-Dichloropropane	ND	.5	UJ-P						
1,3-Dichloropropane	ND	.5	UJ-P						
2,2-Dichloropropane	ND	.5	UJ-P						
Benzene	ND	.5	UJ-P						
Benzene, 1,2,4-trimethyl	ND	.5	UJ-P						
Benzene, 1,3,5-trimethyl-	ND	.5	UJ-P						
Benzene, 1-methylethyl-	ND	.5	UJ-P						
Bromobenzene	ND	.5	UJ-P						
Bromodichloromethane	ND	.5	UJ-P						
Bromoform	ND	.5	UJ-P						
Carbon tetrachloride	ND	.5	UJ-P						
Chlorobenzene	ND	.5	UJ-P						
Chlorobromomethane	ND	.5	UJ-P						
Chloroethane	ND	.5	UJ-P						
Chloroform	.48	.5	J-P						
cis-1,2-Dichloroethylene	ND	.5	UJ-P						
cis-1,3-Dichloropropene	ND	.5	UJ-P						
Cymene	ND	.5	UJ-P						
DBCP	ND	.5	UJ-P						
Dibromochloromethane	ND	.5	UJ-P						
Dibromomethane	ND	.5	UJ-P						
Dichlorodifluoromethane	ND	.5	UJ-P						
EDB	5.7	.4		1.6	.2	J	ND	.02	UJ-C
Ethene, 1,2-dichloro-, (E)-	ND	.5	UJ-P						
Ethylbenzene	ND	.5	UJ-P						
Hexachlorobutadiene*	ND	.5	UJ-P						
m-Dichlorobenzene	ND	.5	UJ-P						
Methyl bromide	ND	.5	UJ-P						
Methyl chloride	.09	.5	J-P						
Methylene chloride	ND	.5	UJ-P						
n-Butylbenzene	ND	.5	UJ-P						
n-Propylbenzene	ND	.5	UJ-P						
Naphthalene*	ND	.5	UJ-P						
o-Chlorotoluene	ND	.5	UJ-P						
o-Dichlorobenzene	ND	.5	UJ-P						
p-Chlorotoluene	ND	.5	UJ-P						
p-Dichlorobenzene	ND	.5	UJ-P						
sec-Butylbenzene	ND	.5	UJ-P						
Styrene	ND	.5	UJ-P						
tert-Butylbenzene	ND	.5	UJ-P						
Tetrachloroethylene	ND	.5	UJ-P						
Toluene	ND	.5	UJ-P						
trans-1,3-Dichloropropene	ND	.5	UJ-P						
Trichloroethylene	ND	.5	UJ-P						
Trichlorofluoromethane	ND	.5	UJ-P						
Vinyl chloride	ND	.5	UJ-P						
TVOC	2.97	0							

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID:000-285 Date:06/07/01 Depth: 150			Well ID:000-285 Date:09/21/01 Depth: 150			Well ID:000-285 Date:11/29/01 Depth: 150		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U			
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U			
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U			
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U			
1,1-Dichloroethane	ND	.5	U	ND	.5	U			
1,1-Dichloroethylene	ND	.5	U	ND	.5	U			
1,1-Dichloropropene	ND	.5	U	ND	.5	U			
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U			
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U			
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U			
1,2-Dichloroethane	ND	.5	U	ND	.5	U			
1,2-Dichloropropane	ND	.5	U	ND	.5	U			
1,3-Dichloropropane	ND	.5	U	ND	.5	U			
2,2-Dichloropropane	ND	.5	U	ND	.5	U			
Benzene	ND	.5	U	ND	.5	U			
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U			
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U			
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U			
Bromobenzene	ND	.5	U	ND	.5	U			
Bromodichloromethane	ND	.5	U	ND	.5	U			
Bromoform	ND	.5	U	ND	.5	U			
Carbon tetrachloride	ND	.5	U	ND	.5	U			
Chlorobenzene	ND	.5	U	ND	.5	U			
Chlorobromomethane	ND	.5	U	ND	.5	U			
Chloroethane	ND	.5	U	ND	.5	U			
Chloroform	ND	.5	U	ND	.5	U			
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U			
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U			
Cymene	ND	.5	U	ND	.5	U			
DBCP	ND	.5	U	ND	.5	U			
Dibromochloromethane	ND	.5	U	ND	.5	U			
Dibromomethane	ND	.5	U	ND	.5	U			
Dichlorodifluoromethane	ND	.5	U	ND	.5	U			
EDB	--	--	R-L	ND	.02	U	ND	.02	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U			
Ethylbenzene	ND	.5	U	ND	.5	U			
Hexachlorobutadiene*	ND	.5	U	ND	.5	U			
m-Dichlorobenzene	ND	.5	U	ND	.5	U			
Methyl bromide	ND	.5	U	ND	.5	UJ-C			
Methyl chloride	ND	.5	U	ND	.5	U			
Methylene chloride	ND	.5	U	ND	.5	0.5U			
n-Butylbenzene	ND	.5	U	ND	.5	U			
n-Propylbenzene	ND	.5	U	ND	.5	U			
Naphthalene*	ND	.5	U	ND	.5	U			
o-Chlorotoluene	ND	.5	U	ND	.5	U			
o-Dichlorobenzene	ND	.5	U	ND	.5	U			
p-Chlorotoluene	ND	.5	U	ND	.5	U			
p-Dichlorobenzene	ND	.5	U	ND	.5	U			
sec-Butylbenzene	ND	.5	U	ND	.5	U			
Styrene	ND	.5	U	ND	.5	U			
tert-Butylbenzene	ND	.5	U	ND	.5	U			
Tetrachloroethylene	ND	.5	U	ND	.5	U			
Toluene	ND	.5	U	ND	.5	U			
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U			
Trichloroethylene	ND	.5	U	ND	.5	U			
Trichlorofluoromethane	ND	.5	U	ND	.5	U			
Vinyl chloride	ND	.5	U	ND	.5	U			
TVOC	0	0		0	0				

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID:058-02 Date:03/22/01 Depth: 65			Well ID:058-02 Date:06/08/01 Depth: 65			Well ID:058-02 Date:09/14/01 Depth: 65		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane				ND	.5	U			
1,1,1-Trichloroethane				.44	.5	J			
1,1,2,2-Tetrachloroethane				ND	.5	U			
1,1,2-Trichloroethane				ND	.5	U			
1,1-Dichloroethane				ND	.5	U			
1,1-Dichloroethylene				ND	.5	U			
1,1-Dichloropropene				ND	.5	U			
1,2,3-Trichlorobenzene				ND	.5	U			
1,2,3-Trichloropropane				ND	.5	U			
1,2,4-Trichlorobenzene*				ND	.5	U			
1,2-Dichloroethane				ND	.5	U			
1,2-Dichloropropane				ND	.5	U			
1,3-Dichloropropane				ND	.5	U			
2,2-Dichloropropane				ND	.5	U			
Benzene				ND	.5	U			
Benzene, 1,2,4-trimethyl				ND	.5	U			
Benzene, 1,3,5-trimethyl-				ND	.5	U			
Benzene, 1-methylethyl-				ND	.5	U			
Bromobenzene				ND	.5	U			
Bromodichloromethane				ND	.5	U			
Bromoform				ND	.5	U			
Carbon tetrachloride				ND	.5	U			
Chlorobenzene				ND	.5	U			
Chlorobromomethane				ND	.5	U			
Chloroethane				ND	.5	U			
Chloroform				1.8	.5				
cis-1,2-Dichloroethylene				ND	.5	U			
cis-1,3-Dichloropropene				ND	.5	U			
Cymene				ND	.5	U			
DBCP				ND	.5	U			
Dibromochloromethane				ND	.5	U			
Dibromomethane				ND	.5	U			
Dichlorodifluoromethane				ND	.5	U			
EDB	ND	.02	UJ-C	--	--	R-L	ND	.02	U
Ethene, 1,2-dichloro-, (E)-				ND	.5	U			
Ethylbenzene				ND	.5	U			
Hexachlorobutadiene*				ND	.5	U			
m-Dichlorobenzene				ND	.5	U			
Methyl bromide				ND	.5	U			
Methyl chloride				ND	.5	U			
Methylene chloride				ND	.5	U			
n-Butylbenzene				ND	.5	U			
n-Propylbenzene				ND	.5	U			
Naphthalene*				ND	.5	U			
o-Chlorotoluene				ND	.5	U			
o-Dichlorobenzene				ND	.5	U			
p-Chlorotoluene				ND	.5	U			
p-Dichlorobenzene				ND	.5	U			
sec-Butylbenzene				ND	.5	U			
Styrene				ND	.5	U			
tert-Butylbenzene				ND	.5	U			
Tetrachloroethylene				ND	.5	U			
Toluene				ND	.5	U			
trans-1,3-Dichloropropene				ND	.5	U			
Trichloroethylene				ND	.5	U			
Trichlorofluoromethane				ND	.5	U			
Vinyl chloride				ND	.5	U			
TVOC				2.24	0				

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID:058-02 Date:11/30/01 Depth: 65			Well ID:089-13 Date:03/22/01 Depth: 20			Well ID:089-13 Date:06/12/01 Depth: 20		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane							ND	.5	U
1,1,1-Trichloroethane							ND	.5	U
1,1,2,2-Tetrachloroethane							ND	.5	U
1,1,2-Trichloroethane							ND	.5	U
1,1-Dichloroethane							ND	.5	U
1,1-Dichloroethylene							ND	.5	U
1,1-Dichloropropene							ND	.5	U
1,2,3-Trichlorobenzene							ND	.5	U
1,2,3-Trichloropropane							ND	.5	U
1,2,4-Trichlorobenzene*							ND	.5	U
1,2-Dichloroethane							ND	.5	U
1,2-Dichloropropane							ND	.5	U
1,3-Dichloropropane							ND	.5	U
2,2-Dichloropropane							ND	.5	U
Benzene							ND	.5	U
Benzene, 1,2,4-trimethyl							ND	.5	U
Benzene, 1,3,5-trimethyl-							ND	.5	U
Benzene, 1-methylethyl-							ND	.5	U
Bromobenzene							ND	.5	U
Bromodichloromethane							ND	.5	U
Bromoform							ND	.5	U
Carbon tetrachloride							ND	.5	U
Chlorobenzene							ND	.5	U
Chlorobromomethane							ND	.5	U
Chloroethane							ND	.5	U
Chloroform							ND	.5	U
cis-1,2-Dichloroethylene							ND	.5	U
cis-1,3-Dichloropropene							ND	.5	U
Cymene							ND	.5	U
DBCP							ND	.5	U
Dibromochloromethane							ND	.5	U
Dibromomethane							ND	.5	U
Dichlorodifluoromethane							ND	.5	U
EDB	ND	.02	U	ND	.02	UJ-C	ND	.02	U
Ethene, 1,2-dichloro-, (E)-							ND	.5	U
Ethylbenzene							ND	.5	U
Hexachlorobutadiene*							ND	.5	U
m-Dichlorobenzene							ND	.5	U
Methyl bromide							ND	.5	U
Methyl chloride							ND	.5	U
Methylene chloride							ND	.5	U
n-Butylbenzene							ND	.5	U
n-Propylbenzene							ND	.5	U
Naphthalene*							ND	.5	U
o-Chlorotoluene							ND	.5	U
o-Dichlorobenzene							ND	.5	U
p-Chlorotoluene							ND	.5	U
p-Dichlorobenzene							ND	.5	U
sec-Butylbenzene							ND	.5	U
Styrene							ND	.5	U
tert-Butylbenzene							ND	.5	U
Tetrachloroethylene							ND	.5	U
Toluene							ND	.5	U
trans-1,3-Dichloropropene							ND	.5	U
Trichloroethylene							ND	.5	U
Trichlorofluoromethane							ND	.5	U
Vinyl chloride							ND	.5	U
TVOC							0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID:089-13 Date:09/14/01 Depth: 20			Well ID:089-13 Date:11/28/01 Depth: 20			Well ID:089-14 Date:03/22/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U						
1,1,1-Trichloroethane	ND	.5	U						
1,1,2,2-Tetrachloroethane	ND	.5	U						
1,1,2-Trichloroethane	ND	.5	U						
1,1-Dichloroethane	ND	.5	U						
1,1-Dichloroethylene	ND	.5	U						
1,1-Dichloropropene	ND	.5	U						
1,2,3-Trichlorobenzene	ND	.5	U						
1,2,3-Trichloropropane	ND	.5	U						
1,2,4-Trichlorobenzene*	ND	.5	U						
1,2-Dichloroethane	ND	.5	U						
1,2-Dichloropropane	ND	.5	U						
1,3-Dichloropropane	ND	.5	U						
2,2-Dichloropropane	ND	.5	U						
Benzene	ND	.5	U						
Benzene, 1,2,4-trimethyl	ND	.5	U						
Benzene, 1,3,5-trimethyl-	ND	.5	U						
Benzene, 1-methylethyl-	ND	.5	U						
Bromobenzene	ND	.5	U						
Bromodichloromethane	ND	.5	U						
Bromoform	ND	.5	U						
Carbon tetrachloride	ND	.5	U						
Chlorobenzene	ND	.5	U						
Chlorobromomethane	ND	.5	U						
Chloroethane	ND	.5	U						
Chloroform	ND	.5	U						
cis-1,2-Dichloroethylene	ND	.5	U						
cis-1,3-Dichloropropene	ND	.5	U						
Cymene	ND	.5	U						
DBCP	ND	.5	U						
Dibromochloromethane	ND	.5	U						
Dibromomethane	ND	.5	U						
Dichlorodifluoromethane	ND	.5	U						
EDB	ND	.02	U	ND	.02	U	ND	.02	UJ-C
Ethene, 1,2-dichloro-, (E)-	ND	.5	U						
Ethylbenzene	ND	.5	U						
Hexachlorobutadiene*	ND	.5	U						
m-Dichlorobenzene	ND	.5	U						
Methyl bromide	ND	.5	UJ-C						
Methyl chloride	ND	.5	U						
Methylene chloride	ND	.5	0.5U						
n-Butylbenzene	ND	.5	U						
n-Propylbenzene	ND	.5	U						
Naphthalene*	ND	.5	U						
o-Chlorotoluene	ND	.5	U						
o-Dichlorobenzene	ND	.5	U						
p-Chlorotoluene	ND	.5	U						
p-Dichlorobenzene	ND	.5	U						
sec-Butylbenzene	ND	.5	U						
Styrene	ND	.5	U						
tert-Butylbenzene	ND	.5	U						
Tetrachloroethylene	ND	.5	U						
Toluene	.35	.5	J						
trans-1,3-Dichloropropene	ND	.5	U						
Trichloroethylene	ND	.5	U						
Trichlorofluoromethane	ND	.5	U						
Vinyl chloride	ND	.5	U						
TVOC	.35	0							

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID:089-14 Date:06/11/01 Depth: 50			Well ID:089-14 Date:09/14/01 Depth: 50			Well ID:089-14 Date:11/28/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U			
1,1,1-Trichloroethane	.65	.5		ND	.5	U			
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U			
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U			
1,1-Dichloroethane	ND	.5	U	ND	.5	U			
1,1-Dichloroethylene	ND	.5	U	ND	.5	U			
1,1-Dichloropropene	ND	.5	U	ND	.5	U			
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U			
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U			
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U			
1,2-Dichloroethane	ND	.5	U	ND	.5	U			
1,2-Dichloropropane	ND	.5	U	ND	.5	U			
1,3-Dichloropropane	ND	.5	U	ND	.5	U			
2,2-Dichloropropane	ND	.5	U	ND	.5	U			
Benzene	ND	.5	U	ND	.5	U			
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U			
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U			
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U			
Bromobenzene	ND	.5	U	ND	.5	U			
Bromodichloromethane	ND	.5	U	ND	.5	U			
Bromoform	ND	.5	U	ND	.5	U			
Carbon tetrachloride	ND	.5	U	ND	.5	U			
Chlorobenzene	ND	.5	U	ND	.5	U			
Chlorobromomethane	ND	.5	U	ND	.5	U			
Chloroethane	ND	.5	U	ND	.5	U			
Chloroform	.54	.5		.34	.5	J			
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U			
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U			
Cymene	ND	.5	U	ND	.5	U			
DBCP	ND	.5	U	ND	.5	U			
Dibromochloromethane	ND	.5	U	ND	.5	U			
Dibromomethane	ND	.5	U	ND	.5	U			
Dichlorodifluoromethane	ND	.5	U	ND	.5	U			
EDB	ND	.02	U	ND	.02	U	ND	.02	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U			
Ethylbenzene	ND	.5	U	ND	.5	U			
Hexachlorobutadiene*	ND	.5	U	ND	.5	U			
m-Dichlorobenzene	ND	.5	U	ND	.5	U			
Methyl bromide	ND	.5	U	ND	.5	UJ-C			
Methyl chloride	ND	.5	U	.19	.5	J			
Methylene chloride	ND	.5	U	ND	.5	0.5U			
n-Butylbenzene	ND	.5	U	ND	.5	U			
n-Propylbenzene	ND	.5	U	ND	.5	U			
Naphthalene*	ND	.5	U	ND	.5	U			
o-Chlorotoluene	ND	.5	U	ND	.5	U			
o-Dichlorobenzene	ND	.5	U	ND	.5	U			
p-Chlorotoluene	ND	.5	U	ND	.5	U			
p-Dichlorobenzene	ND	.5	U	ND	.5	U			
sec-Butylbenzene	ND	.5	U	ND	.5	U			
Styrene	ND	.5	U	ND	.5	U			
tert-Butylbenzene	ND	.5	U	ND	.5	U			
Tetrachloroethylene	ND	.5	U	ND	.5	U			
Toluene	ND	.5	U	.35	.5	J			
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U			
Trichloroethylene	.36	.5	J	ND	.5	U			
Trichlorofluoromethane	ND	.5	U	ND	.5	U			
Vinyl chloride	ND	.5	U	ND	.5	U			
TVOC	1.55	0		.88	0				

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID:099-06 Date:03/23/01 Depth: 85			Well ID:099-06 Date:06/11/01 Depth: 85			Well ID:099-06 Date:09/14/01 Depth: 85		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane				ND	.5	U	ND	.5	U
1,1,1-Trichloroethane				ND	.5	U	.7	.5	
1,1,2,2-Tetrachloroethane				ND	.5	U	ND	.5	U
1,1,2-Trichloroethane				ND	.5	U	ND	.5	U
1,1-Dichloroethane				ND	.5	U	ND	.5	U
1,1-Dichloroethylene				ND	.5	U	ND	.5	U
1,1-Dichloropropene				ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene				ND	.5	U	ND	.5	U
1,2,3-Trichloropropane				ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*				ND	.5	U	ND	.5	U
1,2-Dichloroethane				ND	.5	U	ND	.5	U
1,2-Dichloropropane				ND	.5	U	ND	.5	U
1,3-Dichloropropane				ND	.5	U	ND	.5	U
2,2-Dichloropropane				ND	.5	U	ND	.5	U
Benzene				ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl				ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-				ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-				ND	.5	U	ND	.5	U
Bromobenzene				ND	.5	U	ND	.5	U
Bromodichloromethane				ND	.5	U	ND	.5	U
Bromoform				ND	.5	U	ND	.5	U
Carbon tetrachloride				ND	.5	U	ND	.5	U
Chlorobenzene				ND	.5	U	ND	.5	U
Chlorobromomethane				ND	.5	U	ND	.5	U
Chloroethane				ND	.5	U	ND	.5	U
Chloroform				.46	.5	J	.64	.5	
cis-1,2-Dichloroethylene				ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene				ND	.5	U	ND	.5	U
Cymene				ND	.5	U	ND	.5	U
DBCP				ND	.5	U	ND	.5	U
Dibromochloromethane				ND	.5	U	ND	.5	U
Dibromomethane				ND	.5	U	ND	.5	U
Dichlorodifluoromethane				ND	.5	U	ND	.5	U
EDB	ND	.02	UJ-C	ND	.02	U	ND	.02	U
Ethene, 1,2-dichloro-, (E)-				ND	.5	U	ND	.5	U
Ethylbenzene				ND	.5	U	ND	.5	U
Hexachlorobutadiene*				ND	.5	U	ND	.5	U
m-Dichlorobenzene				ND	.5	U	ND	.5	U
Methyl bromide				ND	.5	U	ND	.5	UJ-C
Methyl chloride				ND	.5	U	ND	.5	0.5U
Methylene chloride				ND	.5	U	ND	.5	0.5U
n-Butylbenzene				ND	.5	U	ND	.5	U
n-Propylbenzene				ND	.5	U	ND	.5	U
Naphthalene*				ND	.5	U	ND	.5	U
o-Chlorotoluene				ND	.5	U	ND	.5	U
o-Dichlorobenzene				ND	.5	U	ND	.5	U
p-Chlorotoluene				ND	.5	U	ND	.5	U
p-Dichlorobenzene				ND	.5	U	ND	.5	U
sec-Butylbenzene				ND	.5	U	ND	.5	U
Styrene				ND	.5	U	ND	.5	U
tert-Butylbenzene				ND	.5	U	ND	.5	U
Tetrachloroethylene				ND	.5	U	ND	.5	U
Toluene				ND	.5	U	ND	.5	0.5U
trans-1,3-Dichloropropene				ND	.5	U	ND	.5	U
Trichloroethylene				ND	.5	U	.45	.5	J
Trichlorofluoromethane				ND	.5	U	ND	.5	U
Vinyl chloride				ND	.5	U	ND	.5	U
TVOC				.46	0		1.79	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID:099-06 Date:11/30/01 Depth: 85			Well ID:099-10 Date:03/23/01 Depth: 80			Well ID:099-10 Date:06/12/01 Depth: 80		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane							ND	.5	U
1,1,1-Trichloroethane							ND	.5	U
1,1,2,2-Tetrachloroethane							ND	.5	U
1,1,2-Trichloroethane							ND	.5	U
1,1-Dichloroethane							ND	.5	U
1,1-Dichloroethylene							ND	.5	U
1,1-Dichloropropene							ND	.5	U
1,2,3-Trichlorobenzene							ND	.5	U
1,2,3-Trichloropropane							ND	.5	U
1,2,4-Trichlorobenzene*							ND	.5	U
1,2-Dichloroethane							ND	.5	U
1,2-Dichloropropane							ND	.5	U
1,3-Dichloropropane							ND	.5	U
2,2-Dichloropropane							ND	.5	U
Benzene							ND	.5	U
Benzene, 1,2,4-trimethyl							ND	.5	U
Benzene, 1,3,5-trimethyl-							ND	.5	U
Benzene, 1-methylethyl-							ND	.5	U
Bromobenzene							ND	.5	U
Bromodichloromethane							ND	.5	U
Bromoform							ND	.5	U
Carbon tetrachloride							ND	.5	U
Chlorobenzene							ND	.5	U
Chlorobromomethane							ND	.5	U
Chloroethane							ND	.5	U
Chloroform							ND	.5	U
cis-1,2-Dichloroethylene							ND	.5	U
cis-1,3-Dichloropropene							ND	.5	U
Cymene							ND	.5	U
DBCP							ND	.5	U
Dibromochloromethane							ND	.5	U
Dibromomethane							ND	.5	U
Dichlorodifluoromethane							ND	.5	U
EDB	ND	.02	U	ND	.02	UJ-C	ND	.02	U
Ethene, 1,2-dichloro-, (E)-							ND	.5	U
Ethylbenzene							ND	.5	U
Hexachlorobutadiene*							ND	.5	U
m-Dichlorobenzene							ND	.5	U
Methyl bromide							ND	.5	U
Methyl chloride							ND	.5	U
Methylene chloride							ND	.5	U
n-Butylbenzene							ND	.5	U
n-Propylbenzene							ND	.5	U
Naphthalene*							ND	.5	U
o-Chlorotoluene							ND	.5	U
o-Dichlorobenzene							ND	.5	U
p-Chlorotoluene							ND	.5	U
p-Dichlorobenzene							ND	.5	U
sec-Butylbenzene							ND	.5	U
Styrene							ND	.5	U
tert-Butylbenzene							ND	.5	U
Tetrachloroethylene							ND	.5	U
Toluene							ND	.5	U
trans-1,3-Dichloropropene							ND	.5	U
Trichloroethylene							ND	.5	U
Trichlorofluoromethane							ND	.5	U
Vinyl chloride							ND	.5	U
TVOC							0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID:099-10 Date:09/14/01 Depth: 80			Well ID:099-10 Date:11/29/01 Depth: 80			Well ID:099-11 Date:03/23/01 Depth: 115		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U						
1,1,1-Trichloroethane	ND	.5	U						
1,1,2,2-Tetrachloroethane	ND	.5	U						
1,1,2-Trichloroethane	ND	.5	U						
1,1-Dichloroethane	ND	.5	U						
1,1-Dichloroethylene	ND	.5	U						
1,1-Dichloropropene	ND	.5	U						
1,2,3-Trichlorobenzene	ND	.5	U						
1,2,3-Trichloropropane	ND	.5	U						
1,2,4-Trichlorobenzene*	ND	.5	U						
1,2-Dichloroethane	ND	.5	U						
1,2-Dichloropropane	ND	.5	U						
1,3-Dichloropropane	ND	.5	U						
2,2-Dichloropropane	ND	.5	U						
Benzene	ND	.5	U						
Benzene, 1,2,4-trimethyl	ND	.5	U						
Benzene, 1,3,5-trimethyl-	ND	.5	U						
Benzene, 1-methylethyl-	ND	.5	U						
Bromobenzene	ND	.5	U						
Bromodichloromethane	ND	.5	U						
Bromoform	ND	.5	U						
Carbon tetrachloride	ND	.5	U						
Chlorobenzene	ND	.5	U						
Chlorobromomethane	ND	.5	U						
Chloroethane	ND	.5	U						
Chloroform	.14	.5	J						
cis-1,2-Dichloroethylene	ND	.5	U						
cis-1,3-Dichloropropene	ND	.5	U						
Cymene	ND	.5	U						
DBCP	ND	.5	U						
Dibromochloromethane	ND	.5	U						
Dibromomethane	ND	.5	U						
Dichlorodifluoromethane	ND	.5	U						
EDB	ND	.02	U	ND	.02	U	.06	.02	J-C
Ethene, 1,2-dichloro-, (E)-	ND	.5	U						
Ethylbenzene	ND	.5	U						
Hexachlorobutadiene*	ND	.5	U						
m-Dichlorobenzene	ND	.5	U						
Methyl bromide	ND	.5	UJ-C						
Methyl chloride	ND	.5	U						
Methylene chloride	ND	.5	0.5U						
n-Butylbenzene	ND	.5	U						
n-Propylbenzene	ND	.5	U						
Naphthalene*	ND	.5	U						
o-Chlorotoluene	ND	.5	U						
o-Dichlorobenzene	ND	.5	U						
p-Chlorotoluene	ND	.5	U						
p-Dichlorobenzene	ND	.5	U						
sec-Butylbenzene	ND	.5	U						
Styrene	ND	.5	U						
tert-Butylbenzene	ND	.5	U						
Tetrachloroethylene	ND	.5	U						
Toluene	ND	.5	0.5U						
trans-1,3-Dichloropropene	ND	.5	U						
Trichloroethylene	ND	.5	U						
Trichlorofluoromethane	ND	.5	U						
Vinyl chloride	ND	.5	U						
TVOC	.14	0							

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID:099-11 Date:06/12/01 Depth: 115			Well ID:099-11 Date:09/25/01 Depth: 115			Well ID:099-11 Date:11/29/01 Depth: 115		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	UJ-P			
1,1,1-Trichloroethane	.5	.5		.63	.5	J-P			
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	UJ-P			
1,1,2-Trichloroethane	ND	.5	U	ND	.5	UJ-P			
1,1-Dichloroethane	ND	.5	U	ND	.5	UJ-P			
1,1-Dichloroethylene	ND	.5	U	.13	.5	J-P			
1,1-Dichloropropene	ND	.5	U	ND	.5	UJ-P			
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	UJ-P			
1,2,3-Trichloropropane	ND	.5	U	ND	.5	UJ-P			
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	UJ-P			
1,2-Dichloroethane	ND	.5	U	ND	.5	UJ-P			
1,2-Dichloropropane	ND	.5	U	ND	.5	UJ-P			
1,3-Dichloropropane	ND	.5	U	ND	.5	UJ-P			
2,2-Dichloropropane	ND	.5	U	ND	.5	UJ-P			
Benzene	ND	.5	U	ND	.5	UJ-P			
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	UJ-P			
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	UJ-P			
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	UJ-P			
Bromobenzene	ND	.5	U	ND	.5	UJ-P			
Bromodichloromethane	ND	.5	U	ND	.5	UJ-P			
Bromoform	ND	.5	U	ND	.5	UJ-P			
Carbon tetrachloride	ND	.5	U	ND	.5	UJ-P			
Chlorobenzene	ND	.5	U	ND	.5	UJ-P			
Chlorobromomethane	ND	.5	U	ND	.5	UJ-P			
Chloroethane	ND	.5	U	ND	.5	UJ-P			
Chloroform	.56	.5		.62	.5	J-P			
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	UJ-P			
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	UJ-P			
Cymene	ND	.5	U	ND	.5	UJ-P			
DBCP	ND	.5	U	ND	.5	UJ-P			
Dibromochloromethane	ND	.5	U	ND	.5	UJ-P			
Dibromomethane	ND	.5	U	ND	.5	UJ-P			
Dichlorodifluoromethane	ND	.5	U	ND	.5	UJ-P			
EDB	.072	.02		.05	.02		.033	.02	J
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	UJ-P			
Ethylbenzene	ND	.5	U	ND	.5	UJ-P			
Hexachlorobutadiene*	ND	.5	U	ND	.5	UJ-P			
m-Dichlorobenzene	ND	.5	U	ND	.5	UJ-P			
Methyl bromide	ND	.5	U	ND	.5	UJ-P			
Methyl chloride	ND	.5	U	ND	.5	UJ-P			
Methylene chloride	ND	.5	U	ND	.5	UJ-P			
n-Butylbenzene	ND	.5	U	ND	.5	UJ-P			
n-Propylbenzene	ND	.5	U	ND	.5	UJ-P			
Naphthalene*	ND	.5	U	ND	.5	UJ-P			
o-Chlorotoluene	ND	.5	U	ND	.5	UJ-P			
o-Dichlorobenzene	ND	.5	U	ND	.5	UJ-P			
p-Chlorotoluene	ND	.5	U	ND	.5	UJ-P			
p-Dichlorobenzene	ND	.5	U	ND	.5	UJ-P			
sec-Butylbenzene	ND	.5	U	ND	.5	UJ-P			
Styrene	ND	.5	U	ND	.5	UJ-P			
tert-Butylbenzene	ND	.5	U	ND	.5	UJ-P			
Tetrachloroethylene	ND	.5	U	ND	.5	UJ-P			
Toluene	ND	.5	U	ND	.5	UJ-P			
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	UJ-P			
Trichloroethylene	ND	.5	U	.2	.5	J-P			
Trichlorofluoromethane	ND	.5	U	ND	.5	UJ-P			
Vinyl chloride	ND	.5	U	ND	.5	UJ-P			
TVOC	1.06	0		1.58	0				

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID:100-12 Date:03/22/01 Depth: 100			Well ID:100-12 Date:06/08/01 Depth: 100			Well ID:100-12 Date:09/14/01 Depth: 100		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane				ND	.5	U	ND	.5	U
1,1,1-Trichloroethane				1.3	.5		1.2	.5	
1,1,2,2-Tetrachloroethane				ND	.5	U	ND	.5	U
1,1,2-Trichloroethane				ND	.5	U	ND	.5	U
1,1-Dichloroethane				.34	.5	J	.32	.5	J
1,1-Dichloroethylene				.39	.5	J	.24	.5	J
1,1-Dichloropropene				ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene				ND	.5	U	ND	.5	U
1,2,3-Trichloropropane				ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*				ND	.5	U	ND	.5	U
1,2-Dichloroethane				ND	.5	U	ND	.5	U
1,2-Dichloropropane				ND	.5	U	ND	.5	U
1,3-Dichloropropane				ND	.5	U	ND	.5	U
2,2-Dichloropropane				ND	.5	U	ND	.5	U
Benzene				ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl				ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-				ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-				ND	.5	U	ND	.5	U
Bromobenzene				ND	.5	U	ND	.5	U
Bromodichloromethane				ND	.5	U	ND	.5	U
Bromoform				ND	.5	U	ND	.5	U
Carbon tetrachloride				ND	.5	U	.15	.5	J
Chlorobenzene				ND	.5	U	ND	.5	U
Chlorobromomethane				ND	.5	U	ND	.5	U
Chloroethane				ND	.5	U	ND	.5	U
Chloroform				.67	.5		.65	.5	
cis-1,2-Dichloroethylene				ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene				ND	.5	U	ND	.5	U
Cymene				ND	.5	U	ND	.5	U
DBCP				ND	.5	U	ND	.5	U
Dibromochloromethane				ND	.5	U	ND	.5	U
Dibromomethane				ND	.5	U	ND	.5	U
Dichlorodifluoromethane				ND	.5	U	ND	.5	U
EDB	ND	.02	UJ-C	ND	.02	UJ-S	ND	.02	U
Ethene, 1,2-dichloro-, (E)-				ND	.5	U	ND	.5	U
Ethylbenzene				ND	.5	U	ND	.5	U
Hexachlorobutadiene*				ND	.5	U	ND	.5	U
m-Dichlorobenzene				ND	.5	U	ND	.5	U
Methyl bromide				ND	.5	U	ND	.5	UJ-C
Methyl chloride				ND	.5	U	ND	.5	U
Methylene chloride				ND	.5	U	ND	.5	0.5U
n-Butylbenzene				ND	.5	U	ND	.5	U
n-Propylbenzene				ND	.5	U	ND	.5	U
Naphthalene*				ND	.5	U	ND	.5	U
o-Chlorotoluene				ND	.5	U	ND	.5	U
o-Dichlorobenzene				ND	.5	U	ND	.5	U
p-Chlorotoluene				ND	.5	U	ND	.5	U
p-Dichlorobenzene				ND	.5	U	ND	.5	U
sec-Butylbenzene				ND	.5	U	ND	.5	U
Styrene				ND	.5	U	ND	.5	U
tert-Butylbenzene				ND	.5	U	ND	.5	U
Tetrachloroethylene				ND	.5	U	ND	.5	U
Toluene				ND	.5	U	ND	.5	0.5U
trans-1,3-Dichloropropene				ND	.5	U	ND	.5	U
Trichloroethylene				.3	.5	J	.25	.5	J
Trichlorofluoromethane				ND	.5	U	ND	.5	U
Vinyl chloride				ND	.5	U	ND	.5	U
TVOC				3	0		2.81	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID:100-12 Date:11/30/01 Depth: 100			Well ID:100-13 Date:03/23/01 Depth: 70			Well ID:100-13 Date:06/12/01 Depth: 70		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane							ND	.5	U
1,1,1-Trichloroethane							ND	.5	U
1,1,2,2-Tetrachloroethane							ND	.5	U
1,1,2-Trichloroethane							ND	.5	U
1,1-Dichloroethane							ND	.5	U
1,1-Dichloroethylene							ND	.5	U
1,1-Dichloropropene							ND	.5	U
1,2,3-Trichlorobenzene							ND	.5	U
1,2,3-Trichloropropane							ND	.5	U
1,2,4-Trichlorobenzene*							ND	.5	U
1,2-Dichloroethane							ND	.5	U
1,2-Dichloropropane							ND	.5	U
1,3-Dichloropropane							ND	.5	U
2,2-Dichloropropane							ND	.5	U
Benzene							ND	.5	U
Benzene, 1,2,4-trimethyl							ND	.5	U
Benzene, 1,3,5-trimethyl-							ND	.5	U
Benzene, 1-methylethyl-							ND	.5	U
Bromobenzene							ND	.5	U
Bromodichloromethane							ND	.5	U
Bromoform							ND	.5	U
Carbon tetrachloride							ND	.5	U
Chlorobenzene							ND	.5	U
Chlorobromomethane							ND	.5	U
Chloroethane							ND	.5	U
Chloroform							ND	.5	U
cis-1,2-Dichloroethylene							ND	.5	U
cis-1,3-Dichloropropene							ND	.5	U
Cymene							ND	.5	U
DBCP							ND	.5	U
Dibromochloromethane							ND	.5	U
Dibromomethane							ND	.5	U
Dichlorodifluoromethane							ND	.5	U
EDB	ND	.02	U	.02	.02	J-C	.031	.02	
Ethene, 1,2-dichloro-, (E)-							ND	.5	U
Ethylbenzene							ND	.5	U
Hexachlorobutadiene*							ND	.5	U
m-Dichlorobenzene							ND	.5	U
Methyl bromide							ND	.5	U
Methyl chloride							ND	.5	U
Methylene chloride							ND	.5	U
n-Butylbenzene							ND	.5	U
n-Propylbenzene							ND	.5	U
Naphthalene*							ND	.5	U
o-Chlorotoluene							ND	.5	U
o-Dichlorobenzene							ND	.5	U
p-Chlorotoluene							ND	.5	U
p-Dichlorobenzene							ND	.5	U
sec-Butylbenzene							ND	.5	U
Styrene							ND	.5	U
tert-Butylbenzene							ND	.5	U
Tetrachloroethylene							ND	.5	U
Toluene							ND	.5	U
trans-1,3-Dichloropropene							ND	.5	U
Trichloroethylene							ND	.5	U
Trichlorofluoromethane							ND	.5	U
Vinyl chloride							ND	.5	U
TVOC							0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID:100-13 Date:09/14/01 Depth: 70			Well ID:100-13 Date:11/30/01 Depth: 70			Well ID:100-14 Date:03/22/01 Depth: 110		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U						
1,1,1-Trichloroethane	ND	.5	U						
1,1,2,2-Tetrachloroethane	ND	.5	U						
1,1,2-Trichloroethane	ND	.5	U						
1,1-Dichloroethane	ND	.5	U						
1,1-Dichloroethylene	ND	.5	U						
1,1-Dichloropropene	ND	.5	U						
1,2,3-Trichlorobenzene	ND	.5	U						
1,2,3-Trichloropropane	ND	.5	U						
1,2,4-Trichlorobenzene*	ND	.5	U						
1,2-Dichloroethane	ND	.5	U						
1,2-Dichloropropane	ND	.5	U						
1,3-Dichloropropane	ND	.5	U						
2,2-Dichloropropane	ND	.5	U						
Benzene	ND	.5	U						
Benzene, 1,2,4-trimethyl	ND	.5	U						
Benzene, 1,3,5-trimethyl-	ND	.5	U						
Benzene, 1-methylethyl-	ND	.5	U						
Bromobenzene	ND	.5	U						
Bromodichloromethane	ND	.5	U						
Bromoform	ND	.5	U						
Carbon tetrachloride	ND	.5	U						
Chlorobenzene	ND	.5	U						
Chlorobromomethane	ND	.5	U						
Chloroethane	ND	.5	U						
Chloroform	.09	.5	J						
cis-1,2-Dichloroethylene	ND	.5	U						
cis-1,3-Dichloropropene	ND	.5	U						
Cymene	ND	.5	U						
DBCP	ND	.5	U						
Dibromochloromethane	ND	.5	U						
Dibromomethane	ND	.5	U						
Dichlorodifluoromethane	ND	.5	U						
EDB	.03	.02		.02	.02		ND	.02	UJ-C
Ethene, 1,2-dichloro-, (E)-	ND	.5	U						
Ethylbenzene	ND	.5	U						
Hexachlorobutadiene*	ND	.5	U						
m-Dichlorobenzene	ND	.5	U						
Methyl bromide	ND	.5	UJ-C						
Methyl chloride	ND	.5	U						
Methylene chloride	ND	.5	U						
n-Butylbenzene	ND	.5	U						
n-Propylbenzene	ND	.5	U						
Naphthalene*	ND	.5	U						
o-Chlorotoluene	ND	.5	U						
o-Dichlorobenzene	ND	.5	U						
p-Chlorotoluene	ND	.5	U						
p-Dichlorobenzene	ND	.5	U						
sec-Butylbenzene	ND	.5	U						
Styrene	ND	.5	U						
tert-Butylbenzene	ND	.5	U						
Tetrachloroethylene	ND	.5	U						
Toluene	.34	.5	J						
trans-1,3-Dichloropropene	ND	.5	U						
Trichloroethylene	ND	.5	U						
Trichlorofluoromethane	ND	.5	U						
Vinyl chloride	ND	.5	U						
TVOC	.43	0							

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID:100-14 Date:06/12/01 Depth: 110			Well ID:100-14 Date:09/14/01 Depth: 110			Well ID:100-14 Date:11/30/01 Depth: 110		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U			
1,1,1-Trichloroethane	.53	.5		.84	.5				
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U			
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U			
1,1-Dichloroethane	ND	.5	U	.24	.5	J			
1,1-Dichloroethylene	ND	.5	U	ND	.5	U			
1,1-Dichloropropene	ND	.5	U	ND	.5	U			
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U			
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U			
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U			
1,2-Dichloroethane	ND	.5	U	ND	.5	U			
1,2-Dichloropropane	ND	.5	U	ND	.5	U			
1,3-Dichloropropane	ND	.5	U	ND	.5	U			
2,2-Dichloropropane	ND	.5	U	ND	.5	U			
Benzene	ND	.5	U	ND	.5	U			
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U			
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U			
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U			
Bromobenzene	ND	.5	U	ND	.5	U			
Bromodichloromethane	ND	.5	U	ND	.5	U			
Bromoform	ND	.5	U	ND	.5	U			
Carbon tetrachloride	ND	.5	U	ND	.5	U			
Chlorobenzene	ND	.5	U	ND	.5	U			
Chlorobromomethane	ND	.5	U	ND	.5	U			
Chloroethane	ND	.5	U	ND	.5	U			
Chloroform	.52	.5		.52	.5				
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U			
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U			
Cymene	ND	.5	U	ND	.5	U			
DBCP	ND	.5	U	ND	.5	U			
Dibromochloromethane	ND	.5	U	ND	.5	U			
Dibromomethane	ND	.5	U	ND	.5	U			
Dichlorodifluoromethane	ND	.5	U	ND	.5	U			
EDB	ND	.02	U	ND	.02	U	ND	.02	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U			
Ethylbenzene	ND	.5	U	ND	.5	U			
Hexachlorobutadiene*	ND	.5	U	ND	.5	U			
m-Dichlorobenzene	ND	.5	U	ND	.5	U			
Methyl bromide	ND	.5	U	ND	.5	UJ-C			
Methyl chloride	ND	.5	U	.22	.5	J			
Methylene chloride	ND	.5	U	ND	.5	0.5U			
n-Butylbenzene	ND	.5	U	ND	.5	U			
n-Propylbenzene	ND	.5	U	ND	.5	U			
Naphthalene*	ND	.5	U	ND	.5	U			
o-Chlorotoluene	ND	.5	U	ND	.5	U			
o-Dichlorobenzene	ND	.5	U	ND	.5	U			
p-Chlorotoluene	ND	.5	U	ND	.5	U			
p-Dichlorobenzene	ND	.5	U	ND	.5	U			
sec-Butylbenzene	ND	.5	U	ND	.5	U			
Styrene	ND	.5	U	ND	.5	U			
tert-Butylbenzene	ND	.5	U	ND	.5	U			
Tetrachloroethylene	ND	.5	U	ND	.5	U			
Toluene	ND	.5	U	.38	.5	J			
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U			
Trichloroethylene	ND	.5	U	ND	.5	U			
Trichlorofluoromethane	ND	.5	U	ND	.5	U			
Vinyl chloride	ND	.5	U	ND	.5	U			
TVOC	1.05	0		2.2	0				

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID:800-24 Date:03/23/01 Depth: 235			Well ID:800-24 Date:06/07/01 Depth: 235			Well ID:800-24 Date:09/21/01 Depth: 235		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane				ND	.5	U	ND	.5	U
1,1,1-Trichloroethane				ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane				ND	.5	U	ND	.5	U
1,1,2-Trichloroethane				ND	.5	U	ND	.5	U
1,1-Dichloroethane				ND	.5	U	ND	.5	U
1,1-Dichloroethylene				ND	.5	U	ND	.5	U
1,1-Dichloropropene				ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene				ND	.5	U	ND	.5	U
1,2,3-Trichloropropane				ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*				ND	.5	U	ND	.5	U
1,2-Dichloroethane				ND	.5	U	ND	.5	U
1,2-Dichloropropane				ND	.5	U	ND	.5	U
1,3-Dichloropropane				ND	.5	U	ND	.5	U
2,2-Dichloropropane				ND	.5	U	ND	.5	U
Benzene				ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl				ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-				ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-				ND	.5	U	ND	.5	U
Bromobenzene				ND	.5	U	ND	.5	U
Bromodichloromethane				ND	.5	U	ND	.5	U
Bromoform				ND	.5	U	ND	.5	U
Carbon tetrachloride				ND	.5	U	ND	.5	U
Chlorobenzene				ND	.5	U	ND	.5	U
Chlorobromomethane				ND	.5	U	ND	.5	U
Chloroethane				ND	.5	U	ND	.5	U
Chloroform				ND	.5	U	.12	.5	J
cis-1,2-Dichloroethylene				ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene				ND	.5	U	ND	.5	U
Cymene				ND	.5	U	ND	.5	U
DBCP				ND	.5	U	ND	.5	U
Dibromochloromethane				ND	.5	U	ND	.5	U
Dibromomethane				ND	.5	U	ND	.5	U
Dichlorodifluoromethane				ND	.5	U	ND	.5	U
EDB	ND	.02	UJ-C	ND	.02	UJ-S	ND	.02	U
Ethene, 1,2-dichloro-, (E)-				ND	.5	U	ND	.5	U
Ethylbenzene				ND	.5	U	ND	.5	U
Hexachlorobutadiene*				ND	.5	U	ND	.5	U
m-Dichlorobenzene				ND	.5	U	ND	.5	U
Methyl bromide				ND	.5	U	ND	.5	UJ-C
Methyl chloride				ND	.5	U	ND	.5	U
Methylene chloride				ND	.5	U	ND	.5	U
n-Butylbenzene				ND	.5	U	ND	.5	U
n-Propylbenzene				ND	.5	U	ND	.5	U
Naphthalene*				ND	.5	U	ND	.5	U
o-Chlorotoluene				ND	.5	U	ND	.5	U
o-Dichlorobenzene				ND	.5	U	ND	.5	U
p-Chlorotoluene				ND	.5	U	ND	.5	U
p-Dichlorobenzene				ND	.5	U	ND	.5	U
sec-Butylbenzene				ND	.5	U	ND	.5	U
Styrene				ND	.5	U	ND	.5	U
tert-Butylbenzene				ND	.5	U	ND	.5	U
Tetrachloroethylene				ND	.5	U	ND	.5	U
Toluene				ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene				ND	.5	U	ND	.5	U
Trichloroethylene				ND	.5	U	ND	.5	U
Trichlorofluoromethane				ND	.5	U	ND	.5	U
Vinyl chloride				ND	.5	U	ND	.5	U
TVOC				0	0		.12	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID:800-24 Date:11/29/01 Depth: 235			Well ID:800-25 Date:03/23/01 Depth: 170			Well ID:800-25 Date:06/07/01 Depth: 168		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane							ND	.5	U
1,1,1-Trichloroethane							ND	.5	U
1,1,2,2-Tetrachloroethane							ND	.5	U
1,1,2-Trichloroethane							ND	.5	U
1,1-Dichloroethane							ND	.5	U
1,1-Dichloroethylene							ND	.5	U
1,1-Dichloropropene							ND	.5	U
1,2,3-Trichlorobenzene							ND	.5	U
1,2,3-Trichloropropane							ND	.5	U
1,2,4-Trichlorobenzene*							ND	.5	U
1,2-Dichloroethane							ND	.5	U
1,2-Dichloropropane							ND	.5	U
1,3-Dichloropropane							ND	.5	U
2,2-Dichloropropane							ND	.5	U
Benzene							ND	.5	U
Benzene, 1,2,4-trimethyl							ND	.5	U
Benzene, 1,3,5-trimethyl-							ND	.5	U
Benzene, 1-methylethyl-							ND	.5	U
Bromobenzene							ND	.5	U
Bromodichloromethane							ND	.5	U
Bromoform							ND	.5	U
Carbon tetrachloride							ND	.5	U
Chlorobenzene							ND	.5	U
Chlorobromomethane							ND	.5	U
Chloroethane							ND	.5	U
Chloroform							.45	.5	J
cis-1,2-Dichloroethylene							ND	.5	U
cis-1,3-Dichloropropene							ND	.5	U
Cymene							ND	.5	U
DBCP							ND	.5	U
Dibromochloromethane							ND	.5	U
Dibromomethane							ND	.5	U
Dichlorodifluoromethane							ND	.5	U
EDB	ND	.02	U	ND	.02	UJ-C	ND	.02	UJ-S
Ethene, 1,2-dichloro-, (E)-							ND	.5	U
Ethylbenzene							ND	.5	U
Hexachlorobutadiene*							ND	.5	U
m-Dichlorobenzene							ND	.5	U
Methyl bromide							ND	.5	U
Methyl chloride							ND	.5	U
Methylene chloride							ND	.5	U
n-Butylbenzene							ND	.5	U
n-Propylbenzene							ND	.5	U
Naphthalene*							ND	.5	U
o-Chlorotoluene							ND	.5	U
o-Dichlorobenzene							ND	.5	U
p-Chlorotoluene							ND	.5	U
p-Dichlorobenzene							ND	.5	U
sec-Butylbenzene							ND	.5	U
Styrene							ND	.5	U
tert-Butylbenzene							ND	.5	U
Tetrachloroethylene							ND	.5	U
Toluene							ND	.5	U
trans-1,3-Dichloropropene							ND	.5	U
Trichloroethylene							ND	.5	U
Trichlorofluoromethane							ND	.5	U
Vinyl chloride							ND	.5	U
TVOC							.45	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID:800-25 Date:09/21/01 Depth: 170			Well ID:800-25 Date:11/29/01 Depth: 170			Well ID:800-54 Date:01/19/01 Depth: 155		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U				ND	.5	U
1,1,1-Trichloroethane	ND	.5	U				ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U				ND	.5	U
1,1,2-Trichloroethane	ND	.5	U				ND	.5	U
1,1-Dichloroethane	ND	.5	U				ND	.5	U
1,1-Dichloroethylene	ND	.5	U				ND	.5	U
1,1-Dichloropropene	ND	.5	U				ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U				ND	.5	U
1,2,3-Trichloropropane	ND	.5	U				ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U				ND	.5	U
1,2-Dichloroethane	ND	.5	U				ND	.5	U
1,2-Dichloropropane	ND	.5	U				ND	.5	U
1,3-Dichloropropane	ND	.5	U				ND	.5	U
2,2-Dichloropropane	ND	.5	U				ND	.5	U
Benzene	ND	.5	U				ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U				ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U				ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U				ND	.5	U
Bromobenzene	ND	.5	U				ND	.5	U
Bromodichloromethane	ND	.5	U				ND	.5	U
Bromoform	ND	.5	U				ND	.5	U
Carbon tetrachloride	ND	.5	U				ND	.5	U
Chlorobenzene	ND	.5	U				ND	.5	U
Chlorobromomethane	ND	.5	U				ND	.5	U
Chloroethane	ND	.5	U				ND	.5	U
Chloroform	.44	.5	J				.4	.5	J
cis-1,2-Dichloroethylene	ND	.5	U				ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U				ND	.5	U
Cymene	ND	.5	U				ND	.5	U
DBCP	ND	.5	U				ND	.018	UJ
Dibromochloromethane	ND	.5	U				ND	.5	U
Dibromomethane	ND	.5	U				ND	.5	U
Dichlorodifluoromethane	ND	.5	U				ND	.5	U
EDB	ND	.02	U	ND	.02	U	ND	.018	UJ
Ethene, 1,2-dichloro-, (E)-	ND	.5	U				ND	.5	U
Ethylbenzene	ND	.5	U				ND	.5	U
Hexachlorobutadiene*	ND	.5	U				ND	.5	U
m-Dichlorobenzene	ND	.5	U				ND	.5	U
Methyl bromide	ND	.5	UJ-C				ND	.5	U
Methyl chloride	ND	.5	U				ND	.5	U
Methylene chloride	ND	.5	U				ND	.5	U
n-Butylbenzene	ND	.5	U				ND	.5	U
n-Propylbenzene	ND	.5	U				ND	.5	U
Naphthalene*	ND	.5	U				ND	.5	U
o-Chlorotoluene	ND	.5	U				ND	.5	U
o-Dichlorobenzene	ND	.5	U				ND	.5	U
p-Chlorotoluene	ND	.5	U				ND	.5	U
p-Dichlorobenzene	ND	.5	U				ND	.5	U
sec-Butylbenzene	ND	.5	U				ND	.5	U
Styrene	ND	.5	U				ND	.5	U
tert-Butylbenzene	ND	.5	U				ND	.5	U
Tetrachloroethylene	ND	.5	U				ND	.5	U
Toluene	ND	.5	U				ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U				ND	.5	U
Trichloroethylene	ND	.5	U				ND	.5	U
Trichlorofluoromethane	ND	.5	U				ND	.5	U
Vinyl chloride	ND	.5	U				ND	.5	U
TVOC	.44	0					.4	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID:800-54 Date:06/11/01 Depth: 155			Well ID:800-54 Date:07/23/01 Depth: 155			Well ID:800-54 Date:11/19/01 Depth: 155		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.42	.5	J	.44	.5	J	.38	.5	J
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.019	U	ND	.018	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.02	U	ND	.019	U	ND	.018	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	2.1	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	.42	0		.44	0		.38	0	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID: 000-110 Date: 06/07/01 Depth: 102				Well ID: 000-173 Date: 06/08/01 Depth: 111				Well ID: 000-174 Date: 06/08/01 Depth: 61			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha	<MDL	1.38	.546	U								
Gross Beta	<MDL	1.89	.831	U								
Manganese-54												
Sodium-22												
Strontium-90					<MDL	.474	.219	UJ-D	<MDL	.468	.216	UJ-D
Tritium	<MDL	382	216	U	<MDL	402	226	U	<MDL	401	218	U
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID: 000-175 Date: 06/08/01 Depth: 105				Well ID: 000-176 Date: 06/08/01 Depth: 60				Well ID: 000-177 Date: 06/08/01 Depth: 111			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha					<MDL	1.05	.425	U	<MDL	1.11	.412	U
Gross Beta					1.97	1.96	.925	J-N2	<MDL	2.16	.891	U
Manganese-54												
Sodium-22												
Strontium-90	<MDL	.472	.24	UJ-D								
Tritium	<MDL	398	218	U	<MDL	405	225	U	<MDL	397	225	U
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID: 000-178 Date: 06/11/01 Depth: 133				Well ID: 000-179 Date: 06/08/01 Depth: 122				Well ID: 000-180 Date: 06/07/01 Depth: 148			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha					<MDL	.764	.342	U	<MDL	.804	.508	U
Gross Beta					<MDL	1.69	.735	U	3.31	1.71	.932	J
Manganese-54												
Sodium-22												
Strontium-90	<MDL	.438	.212	UJ-D								
Tritium	<MDL	342	200	U	<MDL	400	224	U	<MDL	389	214	U
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID: 000-181 Date: 06/07/01 Depth: 113				Well ID: 000-201 Date: 06/08/01 Depth: 60				Well ID: 000-209 Date: 06/08/01 Depth: 99			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha					<MDL	.786	.293	U				
Gross Beta					<MDL	1.89	.785	U				
Manganese-54												
Sodium-22												
Strontium-90	<MDL	.433	.221	UJ-D					<MDL	.532	.229	UJ-D
Tritium	<MDL	388	220	U	<MDL	397	224	U	<MDL	401	222	U
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID: 000-283 Date: 06/11/01 Depth: 107				Well ID: 000-284 Date: 06/11/01 Depth: 107				Well ID: 000-285 Date: 06/07/01 Depth: 150			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha									<MDL	1.3	.515	U
Gross Beta									<MDL	1.68	.766	U
Manganese-54												
Sodium-22												
Strontium-90	<MDL	.464	.208	UJ-D	<MDL	.498	.223	UJ-D				
Tritium	<MDL	347	203	U	<MDL	353	201	U	<MDL	400	229	U
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID: 058-02 Date: 06/08/01 Depth: 65				Well ID: 089-13 Date: 06/12/01 Depth: 20				Well ID: 089-14 Date: 06/11/01 Depth: 50			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha	<MDL	.978	.364	U	<MDL	1.19	.503	U				
Gross Beta	<MDL	1.7	.802	U	<MDL	1.66	.791	U				
Manganese-54												
Sodium-22												
Strontium-90									<MDL	.481	.221	UJ-D
Tritium	<MDL	395	217	U	<MDL	362	219	U	<MDL	350	208	U
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID: 099-06 Date: 06/11/01 Depth: 85				Well ID: 099-10 Date: 06/12/01 Depth: 80				Well ID: 099-11 Date: 06/12/01 Depth: 115			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha					<MDL	1.03	.45	U	<MDL	1.32	.468	U
Gross Beta					<MDL	2.07	.887	U	<MDL	2.18	.955	U
Manganese-54												
Sodium-22												
Strontium-90	<MDL	.535	.24	UJ-D								
Tritium	508	347	223	J-N2	<MDL	362	215	U	<MDL	358	218	U
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID: 100-12 Date: 06/08/01 Depth: 100				Well ID: 100-13 Date: 06/12/01 Depth: 70				Well ID: 100-14 Date: 06/12/01 Depth: 110			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha					<MDL	1.28	.547	U	<MDL	.854	.345	U
Gross Beta					<MDL	1.89	.825	U	<MDL	1.79	.778	U
Manganese-54												
Sodium-22												
Strontium-90	<MDL	.453	.229	UJ-D								
Tritium	<MDL	397	218	U	<MDL	363	214	U	<MDL	370	215	U
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID: 800-24 Date: 06/07/01 Depth: 235				Well ID: 800-25 Date: 06/07/01 Depth: 168				Well ID: 800-54 Date: 01/19/01 Depth: 155			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Manganese-54												
Sodium-22												
Strontium-90	<MDL	.383	.195	UJ-D	<MDL	.574	.294	UJ-D				
Tritium	<MDL	401	225	U	<MDL	405	227	U	<MDL	427	245	U
Zinc-65												

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: OU VI EDB

	Well ID: 800-54 Date: 06/11/01 Depth: 155				Well ID: 800-54 Date: 07/23/01 Depth: 155				Well ID: 800-54 Date: 11/19/01 Depth: 155			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	14.9	9.54	U								
Beryllium-7	<MDL	33.3	18.9	U								
Cesium-134	<MDL	3.3	2.27	U								
Cesium-137	<MDL	3.68	2	U								
Co-60	<MDL	4.23	2.27	U								
Cobalt-57	<MDL	2.47	1.46	U								
Europium-152	<MDL	9.67	5.91	U								
Europium-154	<MDL	10.3	5.71	U								
Europium-155	<MDL	11	6.28	U								
Gross Alpha	<MDL	1.23	.564	U								
Gross Beta	<MDL	1.88	.843	U								
Manganese-54	<MDL	3.39	1.98	U								
Sodium-22	<MDL	3.69	2.05	U								
Strontium-90	<MDL	.48	.217	UJ-D								
Tritium	<MDL	344	206	U	<MDL	369	217	U	<MDL	373	223	U
Zinc-65	<MDL	7.88	4.42	U								

SITE BACKGROUND

ANALYTICAL RESULTS

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: Site Background

	Well ID:000-118 Date:03/28/01 Depth: 155			Well ID:000-118 Date:09/27/01 Depth: 155			Well ID:000-119 Date:03/28/01 Depth: 115		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.79	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	.3	.5	J
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		0	0		.3	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: Site Background

	Well ID:000-119 Date:09/27/01 Depth: 115			Well ID:000-120 Date:03/28/01 Depth: 50			Well ID:000-120 Date:09/27/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	1.4	.5		1.4	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	.46	.5	J	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		1.86	0		1.68	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: Site Background

	Well ID:017-01 Date:03/29/01 Depth: 20			Well ID:017-01 Date:09/27/01 Depth: 20			Well ID:017-03 Date:03/29/01 Depth: 120		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	.52	.5		1.4	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	.86	.5	
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		.52	0		2.26	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: Site Background

	Well ID:017-03 Date:09/27/01 Depth: 120			Well ID:017-04 Date:03/29/01 Depth: 165			Well ID:017-04 Date:09/27/01 Depth: 165		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	.98	.5		ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.58	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	.73	.5		ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	1.71	0		0	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: Site Background

	Well ID:018-01 Date:03/29/01 Depth: 25			Well ID:018-01 Date:09/26/01 Depth: 25			Well ID:018-02 Date:03/29/01 Depth: 75		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	.77	.5	
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	.3	.5	J	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		.3	0		.77	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: Site Background

	Well ID:018-02 Date:09/26/01 Depth: 75			Well ID:018-04 Date:03/29/01 Depth: 145			Well ID:018-04 Date:09/26/01 Depth: 130		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		0	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: Site Background

	Well ID:018-05 Date:03/29/01 Depth: 275			Well ID:018-05 Date:09/12/01 Depth: 275			Well ID:034-02 Date:03/29/01 Depth: 135		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		0	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: Site Background

	Well ID:034-02 Date:09/26/01 Depth: 135			Well ID:034-03 Date:03/29/01 Depth: 175			Well ID:034-03 Date:09/26/01 Depth: 175		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	.44	.5	J	ND	.5	U
1,1-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
Methylene chloride	ND	.5	U	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.68	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U	ND	.5	U
TVOC	0	0		.44	0		0	0	

EM - 2001 Groundwater Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: Site Background

	Well ID:063-09 Date:03/29/01 Depth: 210			Well ID:063-09 Date:09/26/01 Depth: 210		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1,2-Tetrachloroethane	ND	.5	U	ND	.5	U
1,1,1-Trichloroethane	ND	.5	U	ND	.5	U
1,1,2,2-Tetrachloroethane	ND	.5	U	ND	.5	U
1,1,2-Trichloroethane	ND	.5	U	ND	.5	U
1,1-Dichloroethane	1.3	.5		.84	.5	
1,1-Dichloroethylene	.62	.5		.43	.5	J
1,1-Dichloropropene	ND	.5	U	ND	.5	U
1,2,3-Trichlorobenzene	ND	.5	U	ND	.5	U
1,2,3-Trichloropropane	ND	.5	U	ND	.5	U
1,2,4-Trichlorobenzene*	ND	.5	U	ND	.5	U
1,2-Dichloroethane	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U
Chlorobromomethane	ND	.5	U	ND	.5	U
Chloroethane	ND	.5	U	ND	.5	U
Chloroform	ND	.5	U	ND	.5	U
cis-1,2-Dichloroethylene	ND	.5	U	ND	.5	U
cis-1,3-Dichloropropene	ND	.5	U	ND	.5	U
Cymene	ND	.5	U	ND	.5	U
DBCP	ND	.5	U	ND	.5	U
Dibromochloromethane	ND	.5	U	ND	.5	U
Dibromomethane	ND	.5	U	ND	.5	U
Dichlorodifluoromethane	ND	.5	U	ND	.5	U
EDB	ND	.5	U	ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	.5	U	ND	.5	U
Ethylbenzene	ND	.5	U	ND	.5	U
Hexachlorobutadiene*	ND	.5	U	ND	.5	U
m-Dichlorobenzene	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	U	ND	.5	U
Methyl chloride	ND	.5	U	.25	.5	J
Methylene chloride	ND	.5	U	ND	.5	U
n-Butylbenzene	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U
Naphthalene*	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U
tert-Butylbenzene	ND	.5	U	ND	.5	U
Tetrachloroethylene	ND	.5	U	ND	.5	U
Toluene	ND	.5	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	.5	U
Trichloroethylene	ND	.5	U	ND	.5	U
Trichlorofluoromethane	ND	.5	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	.5	U
TVOC	1.92	0		1.52	0	

EM - 2001 Groundwater Data: Metals
Brookhaven National Laboratory
Project: Site Background

	Well ID: 000-118 Date: 03/28/01 Depth: 155			Well ID: 000-118 Date: 09/27/01 Depth: 155			Well ID: 000-119 Date: 03/28/01 Depth: 115			Well ID: 000-119 Date: 09/27/01 Depth: 115			Well ID: 000-120 Date: 03/28/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Aluminum	ND	7.57	U	11.3	9.54	B	ND	7.57	U	ND	9.54	U	ND	7.57	U
Antimony	ND	2.65	U	ND	5.08	U	ND	2.65	U	ND	5.08	U	ND	2.65	U
Arsenic	ND	2.33	U	ND	2.6	U	ND	2.33	U	ND	2.6	U	ND	2.33	U
Barium	4.1	.162	B	ND	5.1	U	24.8	.162	B	35.2	.248	B	105	.162	B
Beryllium	ND	.158	U	ND	.212	U	ND	.158	U	ND	.212	U	ND	.158	U
Cadmium	ND	.272	U	ND	.416	U	ND	.272	U	ND	.416	U	ND	.272	U
Calcium	12100	5		12800	24.7		4530	5	B	6170	24.7		11000	5	
Chromium	ND	.582	U	.756	.57	B	.904	.582	B	.93	.57	B	ND	.582	U
Cobalt	ND	.419	U	ND	.737	U	ND	.419	U	ND	.737	U	ND	.419	U
Copper	ND	.587	U	ND	1.02	U	ND	.587	U	ND	1.02	U	ND	.587	U
Iron	323	3.27		ND	266	U	ND	17.5	U	ND	8.92	U	ND	7.63	U
Lead	ND	1.47	U	ND	2.43	U	ND	1.47	U	ND	2.43	U	ND	1.47	U
Magnesium	2770	3.63	B	3010	5.14	B	1960	3.63	B	2560	5.14	B	2790	3.63	B
Manganese	9.43	.338	B	7.29	.369	B	1.12	.338	B	ND	.369	U	20.9	.338	
Mercury	ND	.057	U	ND	.064	U	ND	.057	U	ND	.064	U	ND	.057	U
Nickel	ND	.815	U	ND	1.26	U	ND	.815	U	ND	1.26	U	ND	.815	U
Potassium	543	6.52	B	578	18.2	B	411	6.52	B	477	18.2	B	935	6.52	B
Selenium	ND	2.93	U	ND	3.49	U	ND	2.93	U	ND	3.49	U	ND	2.93	U
Silver	ND	.871	U	ND	.666	U	ND	.871	U	ND	.666	U	ND	.871	U
Sodium	4060	7.85	B	4180	15	B	5320	7.85		5950	15		128000	7.85	
Thallium	ND	3.88	U	ND	4.93	U	ND	3.88	U	ND	4.93	U	ND	3.88	U
Vanadium	ND	.638	U	ND	.528	U	ND	.638	U	ND	.482	U	ND	.638	U
Zinc	ND	1.27	U	ND	.491	U	ND	2.7	U	71.1	.491		ND	.91	U

EM - 2001 Groundwater Data: Metals
Brookhaven National Laboratory
Project: Site Background

	Well ID: 000-120 Date: 09/27/01 Depth: 50			Well ID: 017-01 Date: 03/29/01 Depth: 20			Well ID: 017-01 Date: 09/27/01 Depth: 20			Well ID: 017-03 Date: 03/29/01 Depth: 120			Well ID: 017-03 Date: 09/27/01 Depth: 120		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Aluminum	ND	9.54	U	1010	7.57		962	9.54		ND	37	U	166	9.54	B
Antimony	ND	5.08	U	ND	2.65	U	ND	5.08	U	ND	2.65	U	ND	5.08	U
Arsenic	ND	2.6	U	ND	2.33	U	ND	2.6	U	ND	2.33	U	ND	2.6	U
Barium	106	.248	B	11.8	.162	B	15.3	.248	B	74.4	.162	B	73.2	.248	B
Beryllium	ND	.212	U	ND	.158	U	ND	.212	U	ND	.158	U	ND	.212	U
Cadmium	ND	.416	U	.338	.272	B	ND	.416	U	ND	.272	U	ND	.416	U
Calcium	10000	24.7		5220	5		3800	24.7	B	21000	5		18400	24.7	
Chromium	.662	.57	B	ND	.986	U	.994	.57	B	ND	1.42	U	2.44	.57	B
Cobalt	ND	.737	U	ND	.419	U	ND	.737	U	ND	.419	U	ND	.737	U
Copper	ND	1.02	U	.966	.587	B	1.04	1.02	B	ND	.587	U	ND	1.02	U
Iron	ND	172	U	944	3.27		865	2.24		ND	61.4	U	ND	275	U
Lead	ND	2.43	U	1.89	1.47	B	4.77	2.43		ND	1.47	U	ND	2.43	U
Magnesium	2550	5.14	B	3110	3.63	B	2060	5.14	B	9630	3.63		8560	5.14	
Manganese	13.4	.369	B	93.2	.338		76.4	.369		ND	4.15	U	7.49	.369	B
Mercury	ND	.064	U	ND	.057	U	ND	.064	U	ND	.115	U	ND	.064	U
Nickel	ND	1.26	U	ND	.815	U	ND	1.26	U	1.14	.815	B	ND	1.26	U
Potassium	1090	18.2	B	691	6.52	B	773	18.2	B	1340	6.52	B	1320	18.2	B
Selenium	ND	3.49	U	ND	2.93	U	ND	3.49	U	ND	2.93	U	ND	3.49	U
Silver	ND	.666	U	ND	.871	U	ND	.666	U	ND	.871	U	ND	.666	U
Sodium	155000	15		7070	7.85		11300	15		28400	7.85		31800	15	
Thallium	ND	4.93	U	ND	3.88	U	ND	4.93	U	ND	3.88	U	ND	4.93	U
Vanadium	ND	.482	U	1.5	.638	B	ND	1.44	U	ND	.638	U	ND	.482	U
Zinc	.663	.491	B	ND	2.94	U	92.6	.491		ND	2.72	U	61.6	.491	

EM - 2001 Groundwater Data: Metals
Brookhaven National Laboratory
Project: Site Background

	Well ID: 017-04 Date: 03/29/01 Depth: 165			Well ID: 017-04 Date: 09/27/01 Depth: 165			Well ID: 018-01 Date: 03/29/01 Depth: 25			Well ID: 018-01 Date: 09/26/01 Depth: 25			Well ID: 018-02 Date: 03/29/01 Depth: 75		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Aluminum	ND	7.57	U	ND	9.54	U	585	7.57		525	9.54		117	7.57	B
Antimony	ND	2.65	U	ND	5.08	U	ND	2.65	U	ND	5.08	U	ND	2.65	U
Arsenic	2.94	2.33	B	ND	2.6	U	ND	2.33	U	2.6	2.6	B	ND	2.33	U
Barium	3.41	.162	B	ND	4.1	U	4.31	.162	B	8.86	.248	B	10.1	.162	B
Beryllium	ND	.158	U	ND	.212	U	ND	.158	U	ND	.212	U	ND	.158	U
Cadmium	ND	.272	U	ND	.416	U	ND	.272	U	ND	.416	U	ND	.272	U
Calcium	15600	5		16500	24.7		5480	5		3860	24.7	B	1640	5	B
Chromium	ND	.582	U	ND	.57	U	1.15	.582	B	ND	1.14	U	ND	.582	U
Cobalt	ND	.419	U	ND	.737	U	ND	.419	U	.865	.737	B	ND	.419	U
Copper	ND	.587	U	ND	1.02	U	ND	.587	U	1.65	1.02	B	ND	.587	U
Iron	263	3.27		387	2.24		8690	3.27		8750	2.24		12.7	3.27	B
Lead	ND	1.47	U	ND	2.43	U	ND	1.47	U	ND	2.43	U	ND	1.47	U
Magnesium	6610	3.63		7090	5.14		2210	3.63	B	1700	5.14	B	1200	3.63	B
Manganese	62.3	.338		80	.369		195	.338		249	.369		20.8	.338	
Mercury	ND	.057	U	ND	.064	U	ND	.057	U	ND	.064	U	ND	.057	U
Nickel	ND	.815	U	ND	1.26	U	ND	.815	U	ND	1.26	U	1.7	.815	B
Potassium	786	6.52	B	889	18.2	B	698	6.52	B	686	18.2	B	386	6.52	B
Selenium	ND	2.93	U	ND	3.49	U	ND	2.93	U	ND	3.49	U	ND	2.93	U
Silver	ND	.871	U	ND	.666	U	ND	.871	U	ND	.666	U	ND	.871	U
Sodium	4950	7.85	B	5300	15		3880	7.85	B	4920	15	B	3790	7.85	B
Thallium	ND	3.88	U	ND	4.93	U	ND	3.88	U	ND	4.93	U	ND	3.88	U
Vanadium	ND	.638	U	ND	.482	U	6.59	.638	B	8.41	.482	B	ND	.638	U
Zinc	ND	.72	U	211	.491		5.31	.72	B	1.39	.491	B	3.84	.72	B

EM - 2001 Groundwater Data: Metals
Brookhaven National Laboratory
Project: Site Background

	Well ID: 018-02 Date: 09/26/01 Depth: 75			Well ID: 018-04 Date: 03/29/01 Depth: 145			Well ID: 018-04 Date: 09/26/01 Depth: 130			Well ID: 018-05 Date: 03/29/01 Depth: 275			Well ID: 018-05 Date: 09/12/01 Depth: 275		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Aluminum	124	9.54	B	8.43	7.57	B	ND	9.54	U	ND	7.57	U	ND	19.7	U
Antimony	ND	5.08	U	ND	2.65	U	ND	5.08	U	ND	2.65	U	ND	4.7	U
Arsenic	ND	2.6	U	ND	2.33	U	ND	2.6	U	ND	2.33	U	ND	4.4	U
Barium	6.98	.248	B	22.5	.162	B	21.6	.248	B	32	.162	B	33	.5	B
Beryllium	ND	.212	U	ND	.158	U	ND	.212	U	ND	.158	U	ND	.5	U
Cadmium	.505	.416	B	ND	.272	U	ND	.416	U	ND	.272	U	ND	.8	U
Calcium	1500	24.7	B	13600	5		12700	24.7		12600	5		11700	11.8	
Chromium	ND	.692	U	ND	.582	U	ND	.57	U	ND	.582	U	ND	.9	U
Cobalt	ND	.737	U	ND	.419	U	ND	.737	U	ND	.419	U	ND	1.3	U
Copper	1.97	1.02	B	1.86	.587	B	ND	1.02	U	ND	.587	U	ND	1.5	U
Iron	23.2	2.24	B	991	3.27		946	2.24		3950	3.27		2490	19.9	
Lead	ND	2.43	U	ND	1.47	U	ND	2.43	U	ND	1.47	U	ND	2	U
Magnesium	813	5.14	B	7060	3.63		6900	5.14		4760	3.63	B	4530	13.4	B
Manganese	26.2	.369		70	.338		59.1	.369		1000	.338		996	1	
Mercury	ND	.064	U	ND	.057	U	ND	.064	U	ND	.057	U	ND	.1	U
Nickel	ND	1.26	U	1.15	.815	B	ND	1.26	U	ND	.815	U	ND	1.4	U
Potassium	296	18.2	B	1070	6.52	B	945	18.2	B	2270	6.52	B	2770	193	B
Selenium	ND	3.49	U	ND	2.93	U	ND	3.49	U	ND	2.93	U	ND	4.8	U
Silver	ND	.666	U	ND	.871	U	ND	.666	U	ND	.871	U	ND	1	U
Sodium	3780	15	B	10900	7.85		9820	15		9830	7.85		10400	27.3	
Thallium	ND	4.93	U	ND	3.88	U	ND	4.93	U	ND	3.88	U	ND	10	U
Vanadium	ND	.482	U	ND	.638	U	ND	.482	U	ND	.638	U	ND	1	U
Zinc	6.53	.491	B	2.65	.72	B	2.24	.491	B	2.25	.72	B	ND	26.6	U

EM - 2001 Groundwater Data: Metals
Brookhaven National Laboratory
Project: Site Background

	Well ID: 034-02 Date: 03/29/01 Depth: 135			Well ID: 034-02 Date: 09/26/01 Depth: 135			Well ID: 034-03 Date: 03/29/01 Depth: 175			Well ID: 034-03 Date: 09/26/01 Depth: 175			Well ID: 063-09 Date: 03/29/01 Depth: 210		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Aluminum	159	7.57	B	1240	9.54		ND	13.3	U	23.4	9.54	B	114	7.57	B
Antimony	ND	2.65	U	ND	5.08	U	ND	2.65	U	ND	5.08	U	ND	2.65	U
Arsenic	2.43	2.33	B	ND	2.6	U	8.22	2.33	B	13.4	2.6		ND	2.33	U
Barium	12	.162	B	21.8	.248	B	41.3	.162	B	42.8	.248	B	18.5	.162	B
Beryllium	ND	.158	U	ND	.212	U	ND	.158	U	ND	.212	U	ND	.158	U
Cadmium	ND	.272	U	ND	.416	U	ND	.272	U	ND	.416	U	ND	.272	U
Calcium	3710	5	B	7570	24.7		19700	5		19600	24.7		8270	5	
Chromium	ND	.687	U	ND	2.85	U	ND	.582	U	ND	.57	U	ND	.582	U
Cobalt	ND	.419	U	ND	.737	U	ND	.419	U	ND	.737	U	.461	.419	B
Copper	ND	.587	U	2.21	1.02	B	ND	.587	U	ND	1.02	U	ND	.587	U
Iron	254	3.27		1470	2.24		7670	3.27		8600	2.24		651	3.27	
Lead	ND	1.47	U	ND	2.43	U	ND	1.47	U	ND	2.43	U	ND	1.47	U
Magnesium	1510	3.63	B	2270	5.14	B	6890	3.63		7000	5.14		2390	3.63	B
Manganese	5.16	.338	B	17.1	.369		1140	.338		1160	.369		219	.338	
Mercury	ND	.057	U	ND	.064	U	ND	.057	U	ND	.064	U	ND	.057	U
Nickel	ND	.815	U	ND	1.26	U	ND	.815	U	ND	1.26	U	ND	.815	U
Potassium	565	6.52	B	983	18.2	B	2730	6.52	B	2720	18.2	B	1390	6.52	B
Selenium	ND	2.93	U	ND	3.49	U	ND	2.93	U	ND	3.49	U	ND	2.93	U
Silver	ND	.871	U	ND	.666	U	ND	.871	U	ND	.666	U	ND	.871	U
Sodium	7540	7.85		18000	15		22700	7.85		22500	15		12400	7.85	
Thallium	ND	3.88	U	ND	4.93	U	ND	3.88	U	ND	4.93	U	ND	3.88	U
Vanadium	ND	.638	U	2.93	.482	B	ND	.638	U	ND	.482	U	ND	.638	U
Zinc	ND	1.4	U	3.77	.491	B	ND	4.16	U	2.18	.491	B	2.02	.72	B

EM - 2001 Groundwater Data: Metals
Brookhaven National Laboratory
Project: Site Background

	Well ID: 063-09 Date: 09/26/01 Depth: 210		
Analyte	Result (ug/L)	Detection Limit	Qual
Aluminum	138	9.54	JB
Antimony	ND	5.08	U
Arsenic	ND	2.6	U
Barium	21.1	.248	B
Beryllium	ND	.212	U
Cadmium	ND	.416	U
Calcium	8760	24.7	
Chromium	ND	.57	U
Cobalt	.987	.737	B
Copper	ND	1.02	U
Iron	1370	2.24	
Lead	ND	2.43	U
Magnesium	2690	5.14	B
Manganese	289	.369	
Mercury	ND	.064	U
Nickel	ND	1.26	U
Potassium	1310	18.2	B
Selenium	ND	3.49	U
Silver	ND	.666	U
Sodium	10800	15	
Thallium	ND	4.93	U
Vanadium	ND	.482	U
Zinc	3.46	.491	B

EM - 2001 Groundwater Data: Chemistry Parameters
Brookhaven National Laboratory
Project: Site Background

	Well ID:000-118 Date:03/28/01 Depth: 155			Well ID:000-118 Date:09/27/01 Depth: 155			Well ID:000-119 Date:03/28/01 Depth: 115			Well ID:000-119 Date:09/27/01 Depth: 115			Well ID:000-120 Date:03/28/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Alkalinity (as CaCO3)	34300	725		42800	725		14400	725		17300	725		6660	725	
Ammonia (as N)	ND	23.5	U	ND	23.5	U	ND	23.5	U	ND	23.5	U	ND	23.5	U
Chloride	4250	25		4920	25		7680	25		9780	25		177000	500	
Nitrate (as N)				ND	10	U				370	10				
Nitrite (as N)				ND	9	U				ND	9	U			
Nitrite + Nitrate-N	ND	6.9	U				240	6.9					460	6.9	
Nitrogen	160	56.5		90	56.5	J	400	56.5		440	56.5		630	56.5	
Residue, filterable	69000	5090		73000	5090		46000	5090		47000	5090		386000	5090	
Residue, non-filterable	ND	699	U	ND	699	U	ND	699	U	ND	350	U	ND	699	U
Sulfate	9110	62		10100	62		4800	62	J	5970	62		9850	62	
TOC															
Total Kjeldahl Nitrogen	160	56.5		90	56.5	J	160	56.5		70	56.5	J	170	56.5	

EM - 2001 Groundwater Data: Chemistry Parameters
Brookhaven National Laboratory
Project: Site Background

	Well ID:000-120 Date:09/27/01 Depth: 50			Well ID:017-01 Date:03/29/01 Depth: 20			Well ID:017-01 Date:09/27/01 Depth: 20			Well ID:017-03 Date:03/29/01 Depth: 120			Well ID:017-03 Date:09/27/01 Depth: 120		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Alkalinity (as CaCO3)	16300	725		14900	725		14300	725		18500	725		22400	725	
Ammonia (as N)	ND	23.5	U	ND	23.5	U	ND	23.5	U	ND	23.5	U	ND	23.5	U
Chloride	214000	625		5670	25		9100	25		47700	125		48000	125	
Nitrate (as N)	471	10					ND	10	U				8760	10	
Nitrite (as N)	ND	9	U				ND	9	U				ND	9	U
Nitrite + Nitrate-N				ND	6.9	U				10300	34.5				
Nitrogen	580	56.5		ND	56.5	U	70	56.5	J	10500	56.5		9720	56.5	
Residue, filterable	401000	5090		59000	5090		50000	5090		227000	5090		213000	5090	
Residue, non-filterable	ND	350	U	23300	1170		10000	583		ND	699	U	3000	350	
Sulfate	14800	62		13700	62		13100	62		21000	62		24700	62	
TOC															
Total Kjeldahl Nitrogen	80	56.5	J	ND	56.5	U	70	56.5	J	ND	56.5	U	70	56.5	J

EM - 2001 Groundwater Data: Chemistry Parameters
Brookhaven National Laboratory
Project: Site Background

	Well ID:017-04 Date:03/29/01 Depth: 165			Well ID:017-04 Date:09/27/01 Depth: 165			Well ID:018-01 Date:03/29/01 Depth: 25			Well ID:018-01 Date:09/26/01 Depth: 25			Well ID:018-02 Date:03/29/01 Depth: 75		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Alkalinity (as CaCO3)	73300	725		73400	725		12300	725		12200	725		2560	725	
Ammonia (as N)	ND	23.5	U	ND	23.5	U	ND	23.5	U	ND	23.5	U	ND	23.5	U
Chloride	4560	25		5030	25		2990	25		5340	25		4660	25	
Nitrate (as N)				ND	10	U				ND	10	U			
Nitrite (as N)				ND	9	U				107	9				
Nitrite + Nitrate-N	10	6.9	J				70	6.9					ND	6.9	U
Nitrogen	ND	56.5	U	90	56.5	J	340	56.5		140	56.5		140	56.5	
Residue, filterable	98000	5090		93000	5090		47000	5090		41000	5090		31000	5090	
Residue, non-filterable	ND	699	U	ND	350	U	28100	2180		24000	1400		ND	699	U
Sulfate	1700	62	J	1960	62	J	10100	62		8750	62		6310	62	
TOC							4230	40.6					523	40.6	
Total Kjeldahl Nitrogen	ND	56.5	U	60	56.5	J	270	56.5		140	56.5		140	56.5	

EM - 2001 Groundwater Data: Chemistry Parameters
Brookhaven National Laboratory
Project: Site Background

	Well ID:018-02 Date:09/26/01 Depth: 75			Well ID:018-04 Date:03/29/01 Depth: 145			Well ID:018-04 Date:09/26/01 Depth: 130			Well ID:018-05 Date:03/29/01 Depth: 275			Well ID:018-05 Date:09/12/01 Depth: 275		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Alkalinity (as CaCO3)	11200	725		24600	725		26500	725		58900	725		63500	2000	
Ammonia (as N)	ND	23.5	U	ND	23.5	U	ND	23.5	U	30	23.5	J			
Chloride	4540	25		23300	25		23400	25		4440	25		4510	1000	
Nitrate (as N)	126	10					365	10							
Nitrite (as N)	ND	9	U				ND	9	U				ND	100	U
Nitrite + Nitrate-N				250	6.9					ND	6.9	U	ND	100	U
Nitrogen	150	56.5		420	56.5		460	56.5		280	56.5		91	40	
Residue, filterable	23000	5090		122000	5090		104000	5090		103000	5090		92000	10000	
Residue, non-filterable	ND	350	U	ND	699	U	600	350	J	3000	699	J	ND	5000	U
Sulfate	5670	62		22700	62		23600	62		6500	62		6410	1000	
TOC				842	40.6					1100	40.6				
Total Kjeldahl Nitrogen	80	56.5	J	170	56.5		70	56.5	J	280	56.5		180	100	

EM - 2001 Groundwater Data: Chemistry Parameters
Brookhaven National Laboratory
Project: Site Background

	Well ID:034-02 Date:03/29/01 Depth: 135			Well ID:034-02 Date:09/26/01 Depth: 135			Well ID:034-03 Date:03/29/01 Depth: 175			Well ID:034-03 Date:09/26/01 Depth: 175			Well ID:063-09 Date:03/29/01 Depth: 210		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Alkalinity (as CaCO3)	26700	725		18400	725		61000	725		55100	725		40000	1450	
Ammonia (as N)	ND	23.5	U	ND	23.5	U	190	23.5		130	23.5		ND	23.5	U
Chloride	7370	25		33900	50		40700	125		40400	50		7030	25	
Nitrate (as N)				188	10					104	10				
Nitrite (as N)				110	9					ND	9	U			
Nitrite + Nitrate-N	100	6.9					ND	6.9	U				ND	6.9	U
Nitrogen	ND	56.5	U	250	56.5		ND	56.5	U	200	56.5		250	56.5	
Residue, filterable	48000	5090		78000	5090		180000	5090		167000	5090		82000	5090	
Residue, non-filterable	2000	699	J	3700	350		5400	699		8400	350		4800	699	J
Sulfate	4440	62	J	4530	62	J	17500	62		18400	62		5690	62	
TOC													1050	40.6	
Total Kjeldahl Nitrogen	ND	56.5	U	80	56.5	J	ND	56.5	U	200	56.5		250	56.5	

EM - 2001 Groundwater Data: Chemistry Parameters
Brookhaven National Laboratory
Project: Site Background

	Well ID:063-09 Date:09/26/01 Depth: 210		
Analyte	Result (ug/L)	Detection Limit	Qual
Alkalinity (as CaCO3)	43400	725	J
Ammonia (as N)	70	23.5	
Chloride	6820	25	
Nitrate (as N)	ND	10	U
Nitrite (as N)	ND	9	U
Nitrite + Nitrate-N			
Nitrogen	120	56.5	
Residue, filterable	74000	5090	
Residue, non-filterable	7600	699	J
Sulfate	5800	62	
TOC			
Total Kjeldahl Nitrogen	120	56.5	

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: Site Background

	Well ID: 000-118 Date: 03/28/01 Depth: 155				Well ID: 000-118 Date: 09/27/01 Depth: 155				Well ID: 000-119 Date: 03/28/01 Depth: 115			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	12.4	7.27	U	<MDL	8.73	11.6	U	<MDL	12.3	8.11	U
Beryllium-7	<MDL	16.8	9.41	U	<MDL	15.8	19.8	U	<MDL	24.5	14.5	U
Cesium-134	<MDL	1.81	1.21	U	<MDL	1.45	1.8	U	<MDL	3	1.99	U
Cesium-137	<MDL	2.03	1.15	U	<MDL	1.3	1.78	U	<MDL	3.26	1.84	U
Co-60	<MDL	2.29	1.16	U	<MDL	1.13	1.82	U	<MDL	3.31	1.8	U
Cobalt-57	<MDL	1.58	.918	U	<MDL	1.37	1.71	U	<MDL	2.47	1.51	U
Europium-152	<MDL	5.73	4.01	U	<MDL	4.37	5.26	U	<MDL	8.13	4.91	U
Europium-154	<MDL	5.23	3.06	U	<MDL	3.33	4.99	U	<MDL	7.43	4.46	U
Europium-155	<MDL	7.27	4.2	U	<MDL	5.89	7.23	U	<MDL	10.7	6.46	U
Gross Alpha	<MDL	1.3	.606	UJ	<MDL	1.58	.491	U	<MDL	1.34	.509	UJ
Gross Beta	<MDL	2.7	1.19	UJ	<MDL	2.38	1.14	U	<MDL	2.94	1.33	UJ
Manganese-54	<MDL	1.96	1.11	U	<MDL	1.32	1.69	U	<MDL	2.76	1.7	U
Sodium-22	<MDL	1.87	1.09	U	<MDL	1.2	1.8	U	<MDL	2.65	1.59	U
Strontium-90	<MDL	.575	.233	U	<MDL	.47	.271	U	<MDL	.547	.236	U
Tritium	<MDL	437	241	U	<MDL	383	214	U	<MDL	448	268	U
Vanadium-48	<MDL	1.97	1.19	U					<MDL	3.66	2.23	U
Zinc-65	<MDL	3.78	2.35	U	<MDL	2.89	4.15	U	<MDL	6.43	3.77	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: Site Background

	Well ID: 000-119 Date: 09/27/01 Depth: 115				Well ID: 000-120 Date: 03/28/01 Depth: 50				Well ID: 000-120 Date: 09/27/01 Depth: 50			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	3.05	3.78	U	<MDL	5.17	3.38	U	<MDL	8.07	9.43	U
Beryllium-7	<MDL	16.9	20.5	U	<MDL	23.8	13.2	U	<MDL	13.8	18.6	U
Cesium-134	<MDL	1.41	1.88	U	<MDL	2.43	1.65	U	<MDL	1.4	1.99	U
Cesium-137	<MDL	1.55	1.93	U	<MDL	2.87	1.7	U	<MDL	1.47	1.65	U
Co-60	<MDL	2.11	3.99	U	<MDL	2.91	1.65	U	<MDL	1.57	2.33	U
Cobalt-57	<MDL	1.23	1.56	U	<MDL	1.95	1.14	U	<MDL	1.45	1.99	U
Europium-152	<MDL	4.53	5.28	U	<MDL	7.42	4.23	U	<MDL	4.72	5.75	U
Europium-154	<MDL	5.32	6.41	U	<MDL	7.97	4.71	U	<MDL	4.78	5.94	U
Europium-155	<MDL	4.44	5.79	U	<MDL	7.74	4.6	U	<MDL	5.06	6.06	U
Gross Alpha	<MDL	1.49	.468	U	<MDL	1.69	1.01	UJ	<MDL	1.83	.952	U
Gross Beta	<MDL	2.58	1.13	U	<MDL	3.08	1.51	UJ	<MDL	2.32	1.37	U
Manganese-54	<MDL	1.7	2.13	U	<MDL	2.8	1.63	U	<MDL	1.46	1.74	U
Sodium-22	<MDL	1.91	2.31	U	<MDL	2.84	1.68	U	<MDL	1.72	2.14	U
Strontium-90	<MDL	.477	.228	UJ-T	<MDL	.545	.276	U	.353	.323	.199	J-N2T
Tritium	<MDL	382	221	U	<MDL	445	251	U	<MDL	383	217	U
Vanadium-48					<MDL	3.91	2.25	U				
Zinc-65	<MDL	2.79	3.55	U	<MDL	6.24	3.97	U	<MDL	2.45	3.64	U

EM - 2001 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: Site Background

	Well ID: 017-01 Date: 03/29/01 Depth: 20				Well ID: 017-01 Date: 09/27/01 Depth: 20				Well ID: 017-03 Date: 03/29/01 Depth: 120			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	12.2	7.63	U	<MDL	8.05	9.45	U	<MDL	16.6	10.1	U
Beryllium-7	<MDL	15.7	10.8	U	<MDL	17.3	20.9	U	<MDL	14.4	8.11	U
Cesium-134	<MDL	1.71	1.13	U	<MDL	1.42	2.05	U	<MDL	1.65	.934	U
Cesium-137	<MDL	2.01	1.38	U	<MDL	1.58	1.78	U	<MDL	1.8	2.66	U
Co-60	<MDL	2.11	1.17	U	<MDL	1.75	2.17	U	<MDL	1.88	1.03	U
Cobalt-57	<MDL	1.8	1.04	U	<MDL	1.33	1.81	U	<MDL	1.48	.864	U
Europium-152	<MDL	5.84	3.27	U	<MDL	4.08	4.71	U	<MDL	5.27	3.07	U
Europium-154	<MDL	5.36	3.02	U	<MDL	3.51	4.74	U	<MDL	5.08	2.87	U
Europium-155	<MDL	7.33	4.42	U	<MDL	5.98	6.89	U	<MDL	7.06	3.92	U
Gross Alpha	<MDL	1.83	1.02	UJ	1.81	1.15	1.04	J-N2	<MDL	2.12	.981	UJ
Gross Beta	<MDL	3.55	1.69	UJ	3.63	2.26	1.33	J	<MDL	3.06	1.5	UJ
Manganese-54	<MDL	1.72	1.05	U	<MDL	1.35	1.63	U	<MDL	1.74	.956	U
Sodium-22	<MDL	1.91	1.07	U	<MDL	1.26	1.7	U	<MDL	1.81	1.02	U
Strontium-90	<MDL	.541	.257	U	<MDL	.379	.225	UJ-T	<MDL	.538	.24	U
Tritium	<MDL	479	272	U	<MDL	381	217	U	<MDL	472	274	U
Vanadium-48	<MDL	2.25	1.2	U					<MDL	2	1.2	U
Zinc-65	<MDL	4.13	2.53	U	<MDL	2.48	4.46	U	<MDL	3.69	2.47	U

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	Well ID: 017-03 Date: 09/27/01 Depth: 120				Well ID: 017-04 Date: 03/29/01 Depth: 165				Well ID: 017-04 Date: 09/27/01 Depth: 165			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	18.8	12.6	U	<MDL	11	7.18	U	<MDL	17.6	10.1	U
Beryllium-7	<MDL	34.9	19.9	U	<MDL	23.7	13.5	U	<MDL	36.9	20.5	U
Cesium-134	<MDL	3.17	1.79	U	<MDL	2.57	1.81	U	<MDL	3.36	1.85	U
Cesium-137	<MDL	3.46	1.85	U	<MDL	2.95	1.76	U	<MDL	3.8	1.96	U
Co-60	<MDL	3.56	1.74	U	<MDL	3.04	1.61	U	<MDL	3.52	1.86	U
Cobalt-57	<MDL	2.93	2.02	U	<MDL	2.29	1.39	U	<MDL	2.85	1.74	U
Europium-152	<MDL	10.5	5.71	U	<MDL	7.95	4.61	U	<MDL	9.35	5.24	U
Europium-154	<MDL	11	5.99	U	<MDL	7.34	4.25	U	<MDL	9	5.54	U
Europium-155	<MDL	12.1	8.29	U	<MDL	10.1	6.09	U	<MDL	12.4	7.35	U
Gross Alpha	<MDL	1.36	.715	U	<MDL	1.42	.766	UJ	<MDL	1.01	.536	U
Gross Beta	1.99	1.95	1.01	J-N2	<MDL	2.81	1.32	UJ	<MDL	1.66	.85	U
Manganese-54	<MDL	3.47	2.14	U	<MDL	2.86	1.66	U	<MDL	3.11	1.69	U
Sodium-22	<MDL	3.95	2.15	U	<MDL	2.62	1.51	U	<MDL	3.24	1.99	U
Strontium-90	<MDL	.522	.238	UJ-T	<MDL	.515	.248	U	<MDL	.416	.235	UJ-T
Tritium	<MDL	375	219	U	<MDL	479	262	U	<MDL	379	211	U
Vanadium-48					<MDL	3.2	1.85	U				
Zinc-65	<MDL	7.19	3.82	U	<MDL	5.85	3.56	U	<MDL	5.92	3.31	U

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	Well ID: 018-01 Date: 03/29/01 Depth: 25				Well ID: 018-01 Date: 09/26/01 Depth: 25				Well ID: 018-02 Date: 03/29/01 Depth: 75			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	19.5	11.7	U	<MDL	19.8	12	U	<MDL	12.1	8	U
Beryllium-7	<MDL	17.7	9.75	U	<MDL	28.1	16.9	U	<MDL	17.3	12.2	U
Cesium-134	<MDL	1.95	1.22	U	<MDL	2.52	1.45	U	<MDL	2.07	1.32	U
Cesium-137	2.68	1.98	2.47	J-N2	<MDL	2.6	1.41	U	<MDL	2.36	1.28	U
Co-60	<MDL	2.39	1.26	U	<MDL	3.43	1.77	U	<MDL	2.46	1.35	U
Cobalt-57	<MDL	1.84	1.06	U	<MDL	2.47	1.42	U	<MDL	2.04	1.15	U
Europium-152	<MDL	6	3.6	U	<MDL	8.19	4.92	U	<MDL	6.54	4.07	U
Europium-154	<MDL	5.93	3.49	U	<MDL	8.1	4.49	U	<MDL	7.91	4.12	U
Europium-155	<MDL	8	4.57	U	<MDL	10.5	5.84	U	12.6	8.46	7.5	J-IN2
Gross Alpha	<MDL	1.69	1.01	U	.968	.854	.575	J-N2	<MDL	1.4	.644	U
Gross Beta	<MDL	2.8	1.46	U	1.86	.704	.507	J	3.71	2.89	1.58	J-N2
Manganese-54	<MDL	1.92	1.17	U	<MDL	2.65	1.53	U	<MDL	1.93	1.38	U
Sodium-22	<MDL	2.11	1.24	U	<MDL	2.91	1.62	U	<MDL	2.82	1.47	U
Strontium-90	.364	.288	.169	J-N2	<MDL	.55	.278	U	<MDL	.574	.318	UJ
Tritium	<MDL	463	258	U	<MDL	440	269	U	<MDL	465	252	U
Vanadium-48	<MDL	2.33	1.5	U					<MDL	2.86	1.55	U
Zinc-65	<MDL	4.02	2.51	U	<MDL	6.11	3.6	U	<MDL	4.32	2.69	U

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	Well ID: 018-02 Date: 09/26/01 Depth: 75				Well ID: 018-04 Date: 03/29/01 Depth: 145				Well ID: 018-04 Date: 09/26/01 Depth: 130			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	18.8	12.8	U	<MDL	11.7	6.41	U	<MDL	16.8	14	U
Beryllium-7	<MDL	32.8	18.6	U	<MDL	17.8	8.99	U	<MDL	34.9	20.2	U
Cesium-134	<MDL	2.61	1.93	U	<MDL	1.85	1.24	U	<MDL	3.37	1.88	U
Cesium-137	<MDL	2.79	1.75	U	<MDL	2.04	1.18	U	<MDL	3.32	1.7	U
Co-60	<MDL	3.1	1.76	U	<MDL	1.93	1.09	U	<MDL	3.94	2	U
Cobalt-57	<MDL	2.51	1.43	U	<MDL	1.72	.994	U	<MDL	3.11	1.81	U
Europium-152	<MDL	8.07	4.6	U	<MDL	5.8	3.57	U	<MDL	8.91	5.16	U
Europium-154	<MDL	7.92	4.9	U	<MDL	6.65	3.74	U	<MDL	8.53	4.86	U
Europium-155	<MDL	10.9	6.24	U	<MDL	7.26	4.17	U	<MDL	12.3	6.89	U
Gross Alpha	<MDL	1.02	.473	U	<MDL	1.91	.887	U	<MDL	.894	.537	U
Gross Beta	.816	.707	.411	J-N2	<MDL	3.03	1.56	U	1.34	1.19	.73	J-N2
Manganese-54	<MDL	2.92	1.68	U	<MDL	1.98	1.07	U	<MDL	3.23	1.82	U
Sodium-22	<MDL	2.85	1.71	U	<MDL	2.37	1.33	U	<MDL	3.08	1.75	U
Strontium-90	<MDL	.584	.282	U	<MDL	.315	.178	UJ	<MDL	.492	.244	U
Tritium	<MDL	417	244	U	<MDL	478	268	U	<MDL	423	240	U
Vanadium-48					<MDL	2.29	1.42	U				
Zinc-65	<MDL	5.74	3.43	U	<MDL	3.96	2.5	U	<MDL	7.31	4.17	U

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	Well ID: 018-05 Date: 03/29/01 Depth: 275				Well ID: 034-02 Date: 03/29/01 Depth: 135				Well ID: 034-02 Date: 09/26/01 Depth: 135			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	5.21	3.41	U	<MDL	18.9	13	U	<MDL	16.7	11.3	U
Beryllium-7	<MDL	22.2	12.7	U	<MDL	17.6	10.7	U	<MDL	37.1	19.4	U
Cesium-134	<MDL	2.8	1.74	U	<MDL	2	1.5	U	<MDL	2.86	1.67	U
Cesium-137	<MDL	2.76	1.85	U	<MDL	2.24	1.25	U	<MDL	3.16	2.48	U
Co-60	<MDL	2.67	1.54	U	<MDL	2.26	1.26	U	<MDL	3.78	1.82	U
Cobalt-57	<MDL	1.87	1.09	U	<MDL	2.06	1.2	U	<MDL	2.89	1.66	U
Europium-152	<MDL	6.91	4.31	U	<MDL	5.97	4.19	U	<MDL	9.27	5.2	U
Europium-154	<MDL	7.91	4.85	U	<MDL	6.37	3.96	U	<MDL	10.5	5.91	U
Europium-155	<MDL	8	4.64	U	<MDL	9.04	5.21	U	<MDL	11.7	6.67	U
Gross Alpha	<MDL	1.23	.504	U	<MDL	1.45	.686	UJ	<MDL	1.42	.758	U
Gross Beta	2.97	2.8	1.48	JN2	<MDL	2.87	1.48	UJ	<MDL	.77	.401	U
Manganese-54	<MDL	3	1.97	U	<MDL	2.03	1.26	U	<MDL	3.52	1.9	U
Sodium-22	<MDL	2.81	1.73	U	<MDL	2.27	1.41	U	<MDL	3.78	2.13	U
Strontium-90	<MDL	.658	.355	UJ	<MDL	.344	.177	U	<MDL	.375	.222	UJ-T
Tritium	<MDL	468	263	U	<MDL	466	261	U	<MDL	439	259	U
Vanadium-48	<MDL	3.74	2.03	U	<MDL	2.92	1.63	U				
Zinc-65	<MDL	5.54	3.63	U	<MDL	4.49	3.46	U	<MDL	6.76	3.9	U

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	Well ID: 034-03 Date: 03/29/01 Depth: 175				Well ID: 034-03 Date: 09/26/01 Depth: 175				Well ID: 063-09 Date: 03/29/01 Depth: 210			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	17.3	9.85	U	<MDL	19.2	12	U	<MDL	16.5	10.5	U
Beryllium-7	<MDL	21.2	11.7	U	<MDL	32.7	18.9	U	<MDL	19.7	10.9	U
Cesium-134	<MDL	2.32	1.67	U	<MDL	2.74	1.56	U	<MDL	2.48	1.51	U
Cesium-137	<MDL	2.5	1.45	U	<MDL	2.97	1.68	U	<MDL	2.46	1.42	U
Co-60	<MDL	2.6	1.51	U	<MDL	2.55	1.5	U	<MDL	2.52	1.48	U
Cobalt-57	<MDL	2.04	1.18	U	<MDL	2.78	1.56	U	<MDL	2.12	1.35	U
Europium-152	<MDL	7.01	4.28	U	<MDL	8.21	4.83	U	<MDL	7.17	4.3	U
Europium-154	<MDL	6.77	4	U	<MDL	8.8	5.15	U	<MDL	8.47	4.43	U
Europium-155	<MDL	8.87	5.07	U	<MDL	10.6	6.09	U	<MDL	8.96	5.19	U
Gross Alpha	<MDL	2.2	.907	UJ	<MDL	1.35	.728	U	<MDL	1.53	.992	U
Gross Beta	<MDL	3.35	1.63	UJ	2.69	2.08	1.29	J-N2	<MDL	2.77	1.37	U
Manganese-54	<MDL	2.33	1.38	U	<MDL	2.82	1.59	U	<MDL	2.43	1.34	U
Sodium-22	<MDL	2.4	1.42	U	<MDL	3.17	1.85	U	<MDL	3.02	1.58	U
Strontium-90	<MDL	.541	.257	U	<MDL	.495	.222	U	<MDL	.275	.15	U
Tritium	<MDL	484	271	U	<MDL	425	261	U	<MDL	467	263	U
Vanadium-48	<MDL	2.83	1.68	U					<MDL	3.2	1.78	U
Zinc-65	<MDL	5.29	3.27	U	<MDL	6.62	3.5	U	<MDL	4.82	3.07	U

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	Well ID: 063-09 Date: 09/26/01 Depth: 210			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241	<MDL	16.8	10.3	U
Beryllium-7	<MDL	36.1	18.9	U
Cesium-134	<MDL	3.27	1.87	U
Cesium-137	<MDL	3.32	1.78	U
Co-60	<MDL	4.28	1.86	U
Cobalt-57	<MDL	2.81	1.64	U
Europium-152	<MDL	10.2	7.19	U
Europium-154	<MDL	9.35	5.32	U
Europium-155	<MDL	11.8	6.64	U
Gross Alpha	<MDL	1.48	.813	U
Gross Beta	1.24	1.03	.577	J-N2
Manganese-54	<MDL	3.64	1.96	U
Sodium-22	<MDL	3.36	1.91	U
Strontium-90	<MDL	.412	.244	UJ-T
Tritium	<MDL	441	255	U
Vanadium-48				
Zinc-65	<MDL	8.02	2.69	U