APPENDIX D

2001 ENVIRONMENTAL SURVEILLANCE GROUNDWATER RESULTS

AGS RESEARCH AREAS

ANALYTICAL RESULTS

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 054-07 Date: 01/29/01 Depth: 35				Well ID: 054-07 Date: 04/23/01 Depth: 35				Well ID: 054-07 Date: 07/23/01 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												
Beryllium-7												
Bismuth-214	37.3	0	2.3									
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Lead-212												
Lead-214	38.9	0	2.14									
Manganese-54												
Potassium-40					40.3	0	30.6					
Radium-226												
Sodium-22	75.8	0	3.41		80	0	6.94		35.6	0	3.55	
Strontium-90												
Tritium	77100	321	1570		9810	366	507		26400	364	884	
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 054-07 Date: 10/22/01 Depth: 35				Well ID: 054-62 Date: 04/23/01 Depth: 26				Well ID: 054-62 Date: 10/16/01 Depth: 26			
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					19.3	0	3.34					
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Lead-212												
Lead-214					17.7	0	3.98					
Manganese-54												
Potassium-40												
Radium-226												
Sodium-22	38.7	0	3.99									
Strontium-90												
Tritium	5750	409	468		<MDL	366	203	U	<MDL	380	278	U
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 054-63 Date: 04/24/01 Depth: 50				Well ID: 054-63 Date: 10/16/01 Depth: 50				Well ID: 054-64 Date: 04/24/01 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												
Bismuth-214	8.74	0	3.18									
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Lead-212												
Lead-214	9.83	0	3.11						6.93	0	3.19	
Manganese-54												
Potassium-40												
Radium-226												
Sodium-22	2.62	0	1.06		5.17	0	1.49		2.62	0	1.42	
Strontium-90												
Tritium	<MDL	366	200	U	<MDL	380	269	U	450	366	218	
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 054-64 Date: 10/16/01 Depth: 50				Well ID: 054-65 Date: 01/16/01 Depth: 23				Well ID: 054-65 Date: 04/23/01 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												
Beryllium-7												
Bismuth-214					35.3	0	2.41		24.4	0	3.59	
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Lead-212												
Lead-214					35.7	0	2.41		24.8	0	3.95	
Manganese-54												
Potassium-40									46	0	25.5	
Radium-226												
Sodium-22												
Strontium-90												
Tritium	<MDL	380	290	U	<MDL	351	204	U	<MDL	366	191	U
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 054-65 Date: 10/16/01 Depth: 25				Well ID: 054-66 Date: 01/23/01 Depth: 26				Well ID: 054-66 Date: 04/19/01 Depth: 26			
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					41	0	2.96					
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Lead-212												
Lead-214	9.7	0	3.09		38	0	3.11		24.5	0	5.42	
Manganese-54												
Potassium-40					33.6	0	14.9		43.7	0	28.2	
Radium-226												
Sodium-22												
Strontium-90												
Tritium	<MDL	380	272	U	<MDL	289	189	U	<MDL	339	222	U
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 054-66 Date: 10/17/01 Depth: 26				Well ID: 054-67 Date: 01/22/01 Depth: 25				Well ID: 054-67 Date: 04/16/01 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												
Beryllium-7												
Bismuth-214					30.7	0	1.95		30.2	0	4.82	
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Lead-212												
Lead-214					30.2	0	2.36		25.8	0	4.89	
Manganese-54												
Potassium-40												
Radium-226												
Sodium-22												
Strontium-90												
Tritium	<MDL	380	268	U	<MDL	337	214	U	520	355	242	
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 054-67 Date: 10/16/01 Depth: 25				Well ID: 054-68 Date: 01/22/01 Depth: 25				Well ID: 054-68 Date: 04/16/01 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												
Beryllium-7												
Bismuth-214	9.56	0	3.11		32.8	0	2.04					
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Lead-212												
Lead-214					25	0	1.89		23.8	0	3.32	
Manganese-54												
Potassium-40					27.1	0	12.8		24.9	0	20.8	
Radium-226												
Sodium-22					1.2	0	.54					
Strontium-90												
Tritium	<MDL	380	274	U	722	337	243		<MDL	355	222	U
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 054-68 Date: 10/16/01 Depth: 25				Well ID: 054-69 Date: 01/22/01 Depth: 25				Well ID: 054-69 Date: 04/19/01 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												
Beryllium-7												
Bismuth-214					25.5	0	1.93		24.4	0	3.49	
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Lead-212												
Lead-214	7.26	0	4.05		26.6	0	2.02		16.5	0	3.37	
Manganese-54												
Potassium-40					37.6	0	10.7					
Radium-226												
Sodium-22	1.63	0	1.1		26.6	0	1.49		16.6	0	2.09	
Strontium-90												
Tritium	<MDL	380	275	U	866	337	252		<MDL	339	227	U
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 054-69 Date: 10/17/01 Depth: 25				Well ID: 054-124 Date: 01/29/01 Depth: 33				Well ID: 054-124 Date: 04/23/01 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												
Beryllium-7												
Bismuth-214					26	0	2		20.3	0	3.63	
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Lead-212					5.44	0	1.33					
Lead-214					26.4	0	2.21		19.1	0	3.59	
Manganese-54												
Potassium-40												
Radium-226												
Sodium-22	3.32	0	1.41						2.66	0	1.14	
Strontium-90												
Tritium	<MDL	380	278	U	1940	321	302		1560	366	265	
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 054-124 Date: 07/17/01 Depth: 33				Well ID: 054-124 Date: 10/17/01 Depth: 33				Well ID: 054-125 Date: 01/22/01 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												
Beryllium-7												
Bismuth-214									35.7	0	2.65	
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Lead-212												
Lead-214									30.7	0	3.03	
Manganese-54												
Potassium-40					30.1	0	21.3		32.7	0	15	
Radium-226												
Sodium-22	3.3	0	1.54		2.75	0	1.24		2.4	0	.908	
Strontium-90												
Tritium	718	375	266		579	380	302		<MDL	337	220	U
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 054-125 Date: 04/19/01 Depth: 33				Well ID: 054-125 Date: 10/16/01 Depth: 33				Well ID: 054-126 Date: 02/02/01 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												
Beryllium-7												
Bismuth-214	19.7	0	3.83									
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Lead-212												
Lead-214	14.6	0	3.93						8.79	0	1.75	
Manganese-54												
Potassium-40									25.2	0	10.7	
Radium-226												
Sodium-22												
Strontium-90												
Tritium	<MDL	339	226	U	<MDL	380	267	U	<MDL	365	221	U
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 054-126 Date: 04/19/01 Depth: 33				Well ID: 054-126 Date: 07/17/01 Depth: 33				Well ID: 054-126 Date: 10/16/01 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												
Beryllium-7												
Bismuth-214	18.9	0	3.19									
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Lead-212												
Lead-214	14.7	0	3.41						6.1	0	2.85	
Manganese-54												
Potassium-40												
Radium-226												
Sodium-22												
Strontium-90												
Tritium	<MDL	339	221	U	<MDL	375	232	U	<MDL	380	288	U
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 054-127 Date: 01/23/01 Depth: 33				Well ID: 054-127 Date: 04/23/01 Depth: 30				Well ID: 054-127 Date: 10/16/01 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												
Beryllium-7												
Bismuth-214					23.2	0	3.8					
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Lead-212					4.05	0	2.65					
Lead-214					19.1	0	3.44					
Manganese-54												
Potassium-40					29.8	0	21.2					
Radium-226												
Sodium-22												
Strontium-90												
Tritium	<MDL	289	186	U	<MDL	366	196	U	<MDL	380	265	U
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 054-128 Date: 04/19/01 Depth: 30				Well ID: 054-128 Date: 07/10/01 Depth: 30				Well ID: 054-128 Date: 10/18/01 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												
Beryllium-7												
Bismuth-214	19.4	0	3.69									
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Lead-212												
Lead-214	17.4	0	3.93									
Manganese-54												
Potassium-40					30.9	0	20.1					
Radium-226												
Sodium-22	1.87	0	.917		.92	0	.812					
Strontium-90												
Tritium	3200	311	309		4710	375	411		6330	397	529	
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 054-129 Date: 01/23/01 Depth: 28				Well ID: 054-129 Date: 01/23/01 Depth: 28				Well ID: 054-129 Date: 04/19/01 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												
Beryllium-7												
Bismuth-214	34.3	0	2.21		39.8	0	2.15		25.5	0	4.09	
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Lead-212	4.39	0	1.4									
Lead-214	34.6	0	1.97		38.7	0	2.54		21.3	0	3.36	
Manganese-54												
Potassium-40	24.5	0	10.1									
Radium-226												
Sodium-22	5.61	0	.737		5.98	0	.735		4.69	0	1.38	
Strontium-90												
Tritium	295	289	191		387	289	196		3990	311	331	
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 054-129 Date: 07/10/01 Depth: 28				Well ID: 054-129 Date: 10/18/01 Depth: 29				Well ID: 054-130 Date: 01/23/01 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												
Beryllium-7												
Bismuth-214					7.48	0	3.46		43.7	0	2.19	
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Lead-212												
Lead-214									30.7	0	1.96	
Manganese-54												
Potassium-40	48.2	0	26.1						30.5	0	12.8	
Radium-226												
Sodium-22	3.73	0	1.16		16.8	0	2.49		1.1	0	.482	
Strontium-90												
Tritium	1490	375	288		<MDL	397	294	U	317	289	187	
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 054-130 Date: 04/19/01 Depth: 30				Well ID: 054-130 Date: 07/10/01 Depth: 30				Well ID: 054-130 Date: 10/17/01 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												
Beryllium-7												
Bismuth-214	22.4	0	3.67									
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Lead-212												
Lead-214	16.7	0	3.5									
Manganese-54												
Potassium-40												
Radium-226												
Sodium-22	2.58	0	.961		1.4	0	1.07					
Strontium-90												
Tritium	530	339	243		<MDL	375	221	U	<MDL	380	280	U
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 054-168 Date: 01/23/01 Depth: 25				Well ID: 054-168 Date: 05/29/01 Depth: 25				Well ID: 054-168 Date: 07/10/01 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												
Beryllium-7												
Bismuth-214					33.5	0	4.21					
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Lead-212					5.05	0	3.13					
Lead-214	11.1	0	1.45		35.8	0	4.19					
Manganese-54												
Potassium-40												
Radium-226												
Sodium-22												
Strontium-90												
Tritium	1130	289	230		<MDL	314	193	U	<MDL	375	216	U
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 054-168 Date: 11/01/01 Depth: 24				Well ID: 054-169 Date: 01/23/01 Depth: 25				Well ID: 054-169 Date: 05/29/01 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												
Beryllium-7												
Bismuth-214					13.5	0	1.71		59.2	0	5.35	
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Lead-212												
Lead-214					12.4	0	1.75		58.8	0	4.94	
Manganese-54												
Potassium-40												
Radium-226												
Sodium-22												
Strontium-90												
Tritium	<MDL	381	283	U	<MDL	289	188	U	<MDL	314	193	U
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 054-169 Date: 11/01/01 Depth: 24				Well ID: 055-14 Date: 01/23/01 Depth: 26				Well ID: 055-14 Date: 04/19/01 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												
Beryllium-7												
Bismuth-214					18.7	0	1.73		27.5	0	3.93	
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Lead-212												
Lead-214					17.1	0	1.86		23.7	0	3.66	
Manganese-54												
Potassium-40												
Radium-226												
Sodium-22												
Strontium-90												
Tritium	<MDL	381	279	U	<MDL	289	185	U	<MDL	339	212	U
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 055-14 Date: 10/17/01 Depth: 25				Well ID: 055-15 Date: 04/16/01 Depth: 56				Well ID: 055-15 Date: 10/17/01 Depth: 26			
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												
Lead-212					4.39	0	2.71					
Lead-214					51.7	0	4.79					
Manganese-54												
Potassium-40	31.4	0	25.4									
Radium-226												
Sodium-22					7.08	0	1.53					
Strontium-90												
Tritium	1720	380	359		441	355	239		<MDL	380	288	U
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 055-16 Date: 04/16/01 Depth: 25				Well ID: 055-16 Date: 10/17/01 Depth: 25				Well ID: 055-29 Date: 04/16/01 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												
Beryllium-7												
Bismuth-214	71.3	0	6.12						32.7	0	3.9	
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Lead-212												
Lead-214	61.6	0	5.97						32.2	0	4.77	
Manganese-54												
Potassium-40												
Radium-226												
Sodium-22												
Strontium-90												
Tritium	<MDL	355	215	U	<MDL	380	284	U	405	355	237	
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 055-29 Date: 10/18/01 Depth: 52				Well ID: 055-30 Date: 04/19/01 Depth: 28				Well ID: 055-30 Date: 10/22/01 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												
Beryllium-7												
Bismuth-214												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Lead-212												
Lead-214					22.8	0	4.6					
Manganese-54												
Potassium-40					34.5	0	26.4		25.9	0	22.2	
Radium-226												
Sodium-22									3.99	0	1.45	
Strontium-90												
Tritium	453	397	306		<MDL	339	215	U	<MDL	409	225	U
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 055-31 Date: 02/02/01 Depth: 50				Well ID: 055-31 Date: 04/23/01 Depth: 50				Well ID: 055-31 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.
Americium-241												
Beryllium-7												
Bismuth-214					29.1	0	3.88					
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Lead-212												
Lead-214	14.8	0	1.69		28.7	0	4.04					
Manganese-54												
Potassium-40					36.7	0	23.1					
Radium-226												
Sodium-22									2.81	0	1.4	
Strontium-90												
Tritium	<MDL	365	220	U	<MDL	366	194	U	<MDL	375	231	U
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 055-31 Date: 10/22/01 Depth: 50				Well ID: 055-32 Date: 04/23/01 Depth: 53				Well ID: 055-32 Date: 10/22/01 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					26.3	0	16.2					
Bismuth-214												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Lead-212												
Lead-214					23.1	0	5.17					
Manganese-54												
Potassium-40					54.8	0	29.6					
Radium-226												
Sodium-22					7.51	0	2.08		7.74	0	1.76	
Strontium-90												
Tritium	<MDL	409	246	U	3820	366	346		1320	409	301	
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	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	4.99									
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	4.86									
Lead-214	28.5	0	5.9									
Manganese-54					<MDL	2.77	1.63	U				
Potassium-40												
Radium-226												
Sodium-22	1.89	0	1.29		<MDL	4.55	2.55	U	13.1	0	1.91	
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				

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 064-51 Date: 05/17/01 Depth: 46				Well ID: 064-51 Date: 11/08/01 Depth: 46				Well ID: 064-53 Date: 05/15/01 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												
Beryllium-7												
Bismuth-214	19.7	0	3.92						51.1	0	5.29	
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Lead-212												
Lead-214	24.6	0	3.74						49.1	0	4.69	
Manganese-54												
Potassium-40									34.7	0	26.2	
Radium-226												
Sodium-22									20.6	0	2.54	
Strontium-90												
Tritium	<MDL	335	186	U	<MDL	310	209	U	616	303	222	
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 064-53 Date: 11/06/01 Depth: 40				Well ID: 064-54 Date: 05/15/01 Depth: 40				Well ID: 064-54 Date: 11/06/01 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												
Beryllium-7												
Bismuth-214					37.7	0	4.19					
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Lead-212												
Lead-214					29.8	0	3.92					
Manganese-54												
Potassium-40					27.3	0	22					
Radium-226												
Sodium-22	2.87	0	1.57		8.48	0	1.49		17.2	0	2.35	
Strontium-90												
Tritium	<MDL	405	236	U	<MDL	303	205	U	<MDL	405	257	U
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 064-55 Date: 01/16/01 Depth: 31				Well ID: 064-55 Date: 05/14/01 Depth: 30				Well ID: 064-55 Date: 07/23/01 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												
Bismuth-214	32.4	0	2.3		26.1	0	4.12					
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Lead-212												
Lead-214	30.5	0	2.47		24.2	0	4.02					
Manganese-54												
Potassium-40									42.3	0	27.5	
Radium-226												
Sodium-22	163	0	7.01		73.8	0	6.69		37.8	0	3.9	
Strontium-90												
Tritium	972	351	232		<MDL	330	236	U	<MDL	300	202	U
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 064-55 Date: 11/06/01 Depth: 31				Well ID: 064-56 Date: 01/16/01 Depth: 30				Well ID: 064-56 Date: 05/14/01 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												
Beryllium-7												
Bismuth-214					29.8	0	1.98		29.9	0	4.09	
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Lead-212												
Lead-214					26.7	0	1.85		29.7	0	4.06	
Manganese-54												
Potassium-40	66.3	0	26						32.8	0	21.7	
Radium-226												
Sodium-22	48.7	0	4.67						15	0	1.95	
Strontium-90												
Tritium	<MDL	405	254	U	<MDL	351	199	U	<MDL	330	230	U
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 064-56 Date: 07/23/01 Depth: 30				Well ID: 064-56 Date: 11/07/01 Depth: 30				Well ID: 064-80 Date: 01/23/01 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												
Beryllium-7												
Bismuth-214												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Lead-212												
Lead-214												
Manganese-54												
Potassium-40												
Radium-226												
Sodium-22	9.41	0	1.64		42.5	0	4.03		51	0	2.46	
Strontium-90												
Tritium	633	364	274		2070	310	292		548	289	207	
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 064-80 Date: 06/12/01 Depth: 30				Well ID: 064-80 Date: 07/23/01 Depth: 30				Well ID: 064-80 Date: 11/07/01 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												
Beryllium-7												
Bismuth-214												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Lead-212												
Lead-214												
Manganese-54												
Potassium-40									47.4	0	27.7	
Radium-226												
Sodium-22	11.8	0	2.15		10.9	0	1.75		58.6	0	5.13	
Strontium-90												
Tritium	<MDL	292	180	U	355	300	212		613	310	230	
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	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				
Potassium-40												
Radium-226												
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				

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 065-120 Date: 05/14/01 Depth: 30				Well ID: 065-120 Date: 11/06/01 Depth: 30				Well ID: 065-121 Date: 01/16/01 Depth: 22			
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	24.1	0	4.09						37.4	0	2.05	
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Lead-212	4.03	0	2.87									
Lead-214	18.9	0	3.77						28.5	0	2.27	
Manganese-54												
Potassium-40												
Radium-226												
Sodium-22									2.55	0	.833	
Strontium-90												
Tritium	<MDL	330	225	U	473	405	255		575	351	218	
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 065-121 Date: 05/17/01 Depth: 25				Well ID: 065-121 Date: 07/16/01 Depth: 27				Well ID: 065-121 Date: 10/31/01 Depth: 27			
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	16.3	0	4.67						11.9	0	3.05	
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Lead-212												
Lead-214	17	0	4.64		7.81	0	3.21		9.38	0	3.4	
Manganese-54												
Potassium-40									26.1	0	20.5	
Radium-226												
Sodium-22	2.92	0	1.75						3.03	0	1.17	
Strontium-90												
Tritium	926	335	225		603	375	249		864	381	324	
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 065-122 Date: 02/01/01 Depth: 26				Well ID: 065-122 Date: 05/15/01 Depth: 25				Well ID: 065-122 Date: 06/12/01 Depth: 26			
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	16.4	0	1.85		28.2	0	4.3		13.2	0	3.34	
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Lead-212												
Lead-214	12.1	0	1.66		25.2	0	4.1		11.7	0	3.33	
Manganese-54												
Potassium-40					24.5	0	23.1					
Radium-226												
Sodium-22	10.5	0	.931		4.83	0	1.3		2.92	0	1.42	
Strontium-90												
Tritium	2590	315	328		59100	303	1210		79700	292	1620	
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 065-122 Date: 07/17/01 Depth: 26				Well ID: 065-122 Date: 11/01/01 Depth: 26				Well ID: 065-123 Date: 02/01/01 Depth: 26			
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												
Lead-212												
Lead-214									15.8	0	1.67	
Manganese-54												
Potassium-40												
Radium-226												
Sodium-22	3.45	0	1.52		3.46	0	1.34					
Strontium-90												
Tritium	22700	375	793		18900	381	819		9580	315	532	
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 065-123 Date: 05/17/01 Depth: 26				Well ID: 065-123 Date: 07/16/01 Depth: 25				Well ID: 065-123 Date: 11/06/01 Depth: 26			
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												
Lead-212												
Lead-214	22	0	3.62									
Manganese-54												
Potassium-40	23.7	0	21.2									
Radium-226												
Sodium-22	1.6	0	.994		6.38	0	1.59		2.63	0	1.02	
Strontium-90												
Tritium	1330	335	245		560	375	242		475	405	266	
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 065-124 Date: 02/01/01 Depth: 26				Well ID: 065-124 Date: 05/17/01 Depth: 26				Well ID: 065-124 Date: 07/16/01 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												
Beryllium-7												
Bismuth-214					17.8	0	3.35					
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Lead-212												
Lead-214	13.6	0	1.76		14	0	3.72		9.34	0	3.55	
Manganese-54												
Potassium-40	40.5	0	11.9									
Radium-226												
Sodium-22	9.34	0	.901		1.93	0	1.04					
Strontium-90												
Tritium	3190	315	351		516	335	207		<MDL	375	227	U
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 065-124 Date: 11/06/01 Depth: 26				Well ID: 065-125 Date: 02/01/01 Depth: 26				Well ID: 065-125 Date: 05/17/01 Depth: 26			
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					18.8	0	2.75		22.8	0	3.72	
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Lead-212												
Lead-214					22.5	0	2.43		27.2	0	4.15	
Manganese-54												
Potassium-40									28.2	0	24.8	
Radium-226												
Sodium-22					2.24	0	.802					
Strontium-90												
Tritium	<MDL	405	242	U	893	315	255		701	335	218	
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 065-125 Date: 07/16/01 Depth: 25				Well ID: 065-125 Date: 11/06/01 Depth: 26				Well ID: 065-126 Date: 02/02/01 Depth: 26			
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												
Lead-212												
Lead-214	7.95	0	3.34						6.26	0	1.54	
Manganese-54												
Potassium-40									20.4	0	9.74	
Radium-226												
Sodium-22												
Strontium-90												
Tritium	527	375	247		<MDL	405	241	U	<MDL	365	216	U
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 065-126 Date: 05/17/01 Depth: 27				Well ID: 065-126 Date: 07/16/01 Depth: 25				Well ID: 065-126 Date: 11/07/01 Depth: 26			
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	13.6	0	3.08									
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Lead-212												
Lead-214	8.94	0	3.08									
Manganese-54												
Potassium-40									32.1	0	20	
Radium-226												
Sodium-22												
Strontium-90												
Tritium	<MDL	335	185	U	<MDL	375	226	U	423	310	220	
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 065-173 Date: 05/30/01 Depth: 40				Well ID: 065-173 Date: 07/23/01 Depth: 40				Well ID: 065-173 Date: 10/31/01 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												
Beryllium-7												
Bismuth-214												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Lead-212					6.45	0	3.95					
Lead-214												
Manganese-54												
Potassium-40												
Radium-226									53.5	0	45.5	
Sodium-22												
Strontium-90	1.2	.357	.268									
Tritium					<MDL	300	188	U	<MDL	381	265	U
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 065-173 Date: 11/14/01 Depth: 40				Well ID: 065-192 Date: 05/14/01 Depth: 53				Well ID: 065-192 Date: 11/06/01 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												
Beryllium-7												
Bismuth-214					26.6	0	3.97					
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Lead-212					4.82	0	3.04					
Lead-214					21.9	0	3.72					
Manganese-54												
Potassium-40					40	0	23.1		49.7	0	25.9	
Radium-226					84.5	0	50.1					
Sodium-22												
Strontium-90	1.16	.454	.277									
Tritium					<MDL	330	229	U	<MDL	405	240	U
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 065-193 Date: 01/16/01 Depth: 55				Well ID: 065-193 Date: 05/17/01 Depth: 55				Well ID: 065-193 Date: 07/16/01 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												
Beryllium-7												
Bismuth-214	31.5	0	2.23		21.5	0	3.38					
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Lead-212												
Lead-214	28.4	0	1.95		17.6	0	3.62		9.3	0	3.74	
Manganese-54												
Potassium-40									37.1	0	23.9	
Radium-226												
Sodium-22												
Strontium-90												
Tritium	<MDL	351	202	U	<MDL	335	187	U	<MDL	375	205	U
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 065-193 Date: 10/31/01 Depth: 55				Well ID: 065-194 Date: 02/01/01 Depth: 50				Well ID: 065-194 Date: 05/17/01 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												
Bismuth-214												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Lead-212												
Lead-214	10.8	0	3.13		11.9	0	1.63					
Manganese-54												
Potassium-40	86.5	0	22.8		26.2	0	11					
Radium-226												
Sodium-22												
Strontium-90												
Tritium	<MDL	381	263	U	<MDL	315	219	U	<MDL	335	181	U
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 065-194 Date: 07/16/01 Depth: 50				Well ID: 065-194 Date: 11/01/01 Depth: 50				Well ID: 065-195 Date: 02/01/01 Depth: 50			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Bismuth-214												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Lead-212												
Lead-214												
Manganese-54												
Potassium-40									33.2	0	12.8	
Radium-226												
Sodium-22												
Strontium-90												
Tritium	<MDL	375	213	U	<MDL	381	281	U	3340	315	359	
Zinc-65												

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, AGS Research Areas

	Well ID: 065-195 Date: 05/17/01 Depth: 50				Well ID: 065-195 Date: 07/16/01 Depth: 50				Well ID: 065-195 Date: 11/06/01 Depth: 50			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Americium-241												
Beryllium-7												
Bismuth-214												
Cesium-134												
Cesium-137												
Co-60												
Cobalt-57												
Europium-152												
Europium-154												
Europium-155												
Gross Alpha												
Gross Beta												
Lead-212												
Lead-214	13.4	0	3.23									
Manganese-54												
Potassium-40	34.1	0	21.2		36.9	0	26					
Radium-226												
Sodium-22												
Strontium-90												
Tritium	<MDL	335	184	U	<MDL	375	230	U	<MDL	405	229	U
Zinc-65												

BIOLOGY GREENHOUSES

ANALYTICAL RESULTS

FM - 2001 Facility Monitoring Data: Pesticides / PCBs
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, Biology Greenhouses

	Well ID: 084-36 Date:09/17/01 Depth: 47			Well ID: 084-36 Date:11/05/01 Depth: 45			Well ID: 084-37 Date:09/17/01 Depth: 47			Well ID: 084-37 Date:11/05/01 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
4,4''-DDD	ND	.1	U	ND	.1	U	ND	.1	U	ND	.1	U
4,4''-DDE	ND	.1	U	ND	.1	U	ND	.1	U	ND	.1	U
4,4''-DDT	ND	.1	U	ND	.1	U	ND	.1	U	ND	.1	U
Aldrin	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
Aroclor 1016	ND	.065	U	ND	.065	U	1.5	.065		ND	.065	U
Aroclor 1221	ND	.065	U	ND	.065	U	ND	.065	UX	ND	.065	U
Aroclor 1232	ND	.065	U	ND	.065	U	ND	.065	UX	ND	.065	U
Aroclor 1248	ND	.065	U	ND	.065	U	ND	.065	U	ND	.065	U
Aroclor 1254	ND	.065	U	ND	.065	U	ND	.065	U	ND	.065	U
Aroclor 1260	ND	.065	U	ND	.065	U	ND	.065	U	ND	.065	U
Aroclor-1242	ND	.065	U	ND	.065	U	ND	.065	UX	ND	.065	U
beta-BHC	ND	.05	U	ND	.05	U	ND	.05	U	ND	.05	U
Chlordane	ND	1	U	ND	1	U	ND	1	U	ND	1	U
delta-BHC	ND	.05	U	ND	.05	U	ND	.05	U	ND	.05	U
Dieldrin	ND	.1	U	ND	.1	U	ND	.1	U	ND	.1	U
Endosulfan I	ND	.05	U	ND	.05	U	ND	.05	U	ND	.05	U
Endosulfan II	ND	.1	U	ND	.1	U	ND	.1	U	ND	.1	U
Endosulfan sulfate	ND	.1	U	ND	.1	U	ND	.1	U	ND	.1	U
Endrin	ND	.1	U	ND	.1	U	ND	.1	U	ND	.1	U
Endrin aldehyde	ND	.1	U	ND	.1	U	ND	.1	U	ND	.1	U
Endrin ketone	ND	.1	U	ND	.1	U	ND	.1	U	ND	.1	U
Heptachlor	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
Lindane	ND	.05	U	ND	.05	U	ND	.05	U	ND	.05	U
Methoxychlor	ND	.5	U	ND	.5	U	ND	.5	U	ND	.5	U
Toxaphene	ND	5	U	ND	5	U	ND	5	U	ND	5	U

EM - 2001 Groundwater Data: Metals
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, Biology Greenhouses

	Well ID: 084-36 Date: 09/17/01 Depth: 47			Well ID: 084-37 Date: 09/17/01 Depth: 47		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Aluminum	11	2.2		7.35	2.2	
Antimony	ND	.88	U	ND	.88	U
Arsenic	ND	3	U	ND	3	U
Barium	39.8	1.8		40.1	1.8	
Beryllium	ND	.66	U	ND	.66	U
Cadmium	ND	1.1	U	ND	1.1	U
Chromium	ND	1	U	ND	1	U
Cobalt	.15	.12		ND	.12	U
Copper	2.61	2		ND	2	U
Iron	ND	75	U	ND	75	U
Lead	ND	1.32	U	ND	1.32	U
Manganese	ND	2	U	ND	2	U
Mercury	ND	.1	U	ND	.1	U
Nickel	ND	1.1	U	ND	1.1	U
Selenium	ND	5	U	ND	5	U
Silver	ND	1	U	ND	1	U
Sodium	24300	1000		19900	1000	
Thallium	ND	.66	U	ND	.66	U
Vanadium	ND	5.5	U	ND	5.5	U
Zinc	4.56	4		ND	4	U

BLIP FACILITY

ANALYTICAL RESULTS

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, BLIP Facility

	Well ID: 054-61 Date: 01/04/01 Depth: 25				Well ID: 064-02 Date: 07/23/01 Depth: 50				Well ID: 064-46 Date: 01/05/01 Depth: 55			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Bismuth-212												
Bismuth-214	26	0	2.45						23.6	0	1.95	
Lead-212	8.12	0	2.14									
Lead-214	24.8	0	2.65						20.5	0	1.69	
Potassium-40	131	0	10.9									
Sodium-22												
Tritium	<MDL	308	119	U	<MDL	364	241	U	<MDL	324	187	U

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, BLIP Facility

	Well ID: 064-46 Date: 04/10/01 Depth: 54				Well ID: 064-46 Date: 06/20/01 Depth: 55				Well ID: 064-46 Date: 10/23/01 Depth: 55			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Bismuth-212												
Bismuth-214	98.1	0	7.49									
Lead-212												
Lead-214	93.5	0	7.8									
Potassium-40												
Sodium-22												
Tritium	<MDL	323	212	U	<MDL	337	249	U	<MDL	397	276	U

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, BLIP Facility

	Well ID: 064-47 Date: 01/04/01 Depth: 56				Well ID: 064-47 Date: 01/11/01 Depth: 56				Well ID: 064-47 Date: 01/18/01 Depth: 56			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Bismuth-212												
Bismuth-214	21.6	0	1.97		8.33	0	1.84					
Lead-212												
Lead-214	21	0	2.09		6.56	0	1.58		11.8	0	1.65	
Potassium-40												
Sodium-22					2.85	0	.741		2.03	0	.488	
Tritium	508	308	212		701	317	245		629	330	243	

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, BLIP Facility

	Well ID: 064-47 Date: 01/25/01 Depth: 56				Well ID: 064-47 Date: 02/27/01 Depth: 56				Well ID: 064-47 Date: 04/10/01 Depth: 56			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Bismuth-212												
Bismuth-214	9.75	0	1.65		53.7	0	5.23		57.6	0	5.19	
Lead-212												
Lead-214	11.6	0	1.81		44.1	0	5		57.8	0	5.13	
Potassium-40												
Sodium-22	3.18	0	.563		8.02	0	1.83		14.9	0	1.95	
Tritium	646	289	212		574	310	238		348	323	226	

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, BLIP Facility

	Well ID: 064-47 Date: 06/20/01 Depth: 56				Well ID: 064-47 Date: 10/22/01 Depth: 56				Well ID: 064-48 Date: 01/05/01 Depth: 56			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Bismuth-212												
Bismuth-214									17.2	0	2.21	
Lead-212												
Lead-214									17.3	0	1.92	
Potassium-40	25.6	0	21.6									
Sodium-22	6.95	0	1.43		3.64	0	1.28		9.4	0	.788	
Tritium	<MDL	337	255	U	<MDL	409	250	U	977	324	223	

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, BLIP Facility

	Well ID: 064-48 Date: 01/11/01 Depth: 56				Well ID: 064-48 Date: 01/18/01 Depth: 56				Well ID: 064-48 Date: 01/25/01 Depth: 56			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Bismuth-212												
Bismuth-214					20	0	1.71					
Lead-212												
Lead-214	10.1	0	1.58		16.4	0	1.75		14.8	0	1.73	
Potassium-40												
Sodium-22	9.97	0	.842		9.87	0	.83		10.5	0	.892	
Tritium	1530	317	283		1760	330	297		1580	289	251	

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, BLIP Facility

	Well ID: 064-48 Date: 02/27/01 Depth: 56				Well ID: 064-48 Date: 04/10/01 Depth: 56				Well ID: 064-48 Date: 06/20/01 Depth: 56			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Bismuth-212									13.8	0	9.12	
Bismuth-214	51.7	0	4.89		55.2	0	5.58					
Lead-212												
Lead-214	52.9	0	6.44		55.1	0	5.35					
Potassium-40									55.5	0	26.1	
Sodium-22	12.8	0	2.13		74.8	0	6.75		22	0	2.6	
Tritium	2050	310	308		3900	323	377		4640	337	427	

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, BLIP Facility

	Well ID: 064-48 Date: 10/22/01 Depth: 56				Well ID: 064-49 Date: 01/04/01 Depth: 41				Well ID: 064-49 Date: 07/23/01 Depth: 41			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Bismuth-212												
Bismuth-214												
Lead-212												
Lead-214					11.1	0	1.78					
Potassium-40									42.6	0	26.6	
Sodium-22	4.69	0	1.42									
Tritium	2310	409	340		<MDL	308	118	U	<MDL	364	234	U

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, BLIP Facility

	Well ID: 064-50 Date: 01/04/01 Depth: 41				Well ID: 064-50 Date: 01/11/01 Depth: 41				Well ID: 064-50 Date: 01/18/01 Depth: 41			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Bismuth-212												
Bismuth-214	22.7	0	1.83						20.5	0	1.84	
Lead-212									5.96	0	1.33	
Lead-214	19.1	0	1.88		11	0	1.89		18.3	0	1.96	
Potassium-40	35.9	0	12.9									
Sodium-22	23.7	0	1.34		26.7	0	1.42		27.7	0	1.53	
Tritium	<MDL	308	146	U	13500	317	613		18600	330	710	

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, BLIP Facility

	Well ID: 064-50 Date: 01/25/01 Depth: 41				Well ID: 064-50 Date: 02/27/01 Depth: 41				Well ID: 064-50 Date: 03/12/01 Depth: 40			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Bismuth-212												
Bismuth-214					38.5	0	4.57		28.2	0	4.56	
Lead-212												
Lead-214	13.3	0	2.03		38.1	0	4.57		25.3	0	4.33	
Potassium-40	41.2	0	10.9									
Sodium-22	24.6	0	1.42		24.8	0	2.79		30.6	0	3.26	
Tritium	9100	289	485		11700	310	582		16000	336	631	

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, BLIP Facility

	Well ID: 064-50 Date: 03/28/01 Depth: 41				Well ID: 064-50 Date: 04/10/01 Depth: 40				Well ID: 064-50 Date: 04/27/01 Depth: 41			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Bismuth-212												
Bismuth-214	39.9	0	4.54		62.1	0	5.2					
Lead-212												
Lead-214	38.9	0	4.45		61.8	0	7.23					
Potassium-40												
Sodium-22	64.8	0	5.93		101	0	8.31		143	0	10.9	
Tritium	20700	318	737		28300	323	872		33700	313	837	

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, BLIP Facility

	Well ID: 064-50 Date: 06/20/01 Depth: 41				Well ID: 064-50 Date: 07/23/01 Depth: 41				Well ID: 064-50 Date: 08/28/01 Depth: 41			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Bismuth-212												
Bismuth-214												
Lead-212												
Lead-214												
Potassium-40					35.4	0	23.8					
Sodium-22	188	0	14.6		304	0	25.4		337	0	23.7	
Tritium	35800	337	1040		60800	364	1300		53500	310	1100	

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, BLIP Facility

	Well ID: 064-50 Date: 09/26/01 Depth: 41				Well ID: 064-50 Date: 10/22/01 Depth: 41				Well ID: 064-50 Date: 11/26/01 Depth: 41			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Bismuth-212												
Bismuth-214	41.7	0	5.73						36.6	0	5.24	
Lead-212												
Lead-214	39.2	0	5.87						31.8	0	5.61	
Potassium-40					29	0	25.3		26.9	0	22	
Sodium-22	275	0	19.6		245	0	19.7		269	0	22.6	
Tritium	36400	407	1090		26800	409	902		18000	318	663	

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, BLIP Facility

	Well ID: 064-50 Date: 12/27/01 Depth: 41				Well ID: 064-67 Date: 01/05/01 Depth: 59				Well ID: 064-67 Date: 01/11/01 Depth: 59			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Bismuth-212												
Bismuth-214												
Lead-212												
Lead-214					20.3	0	3.11		13.1	0	2.81	
Potassium-40					153	0	11.9					
Sodium-22					149	0	5.6		132	0	5.08	
Tritium	18800	395	810		10400	324	499		12200	317	585	

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, BLIP Facility

	Well ID: 064-67 Date: 01/18/01 Depth: 59				Well ID: 064-67 Date: 01/25/01 Depth: 59				Well ID: 064-67 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.
Bismuth-212												
Bismuth-214	22.6	0	2.63		18	0	2.6		62.9	0	6.53	
Lead-212												
Lead-214									59.7	0	8.41	
Potassium-40									36.1	0	28.9	
Sodium-22	111	0	4.43		99.8	0	3.99		106	0	8.42	
Tritium	11700	330	577		7790	289	445		5730	310	430	

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, BLIP Facility

	Well ID: 064-67 Date: 04/10/01 Depth: 58				Well ID: 064-67 Date: 06/20/01 Depth: 59				Well ID: 064-67 Date: 10/22/01 Depth: 59			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Bismuth-212												
Bismuth-214	72.9	0	6.83									
Lead-212												
Lead-214	69.9	0	7.94									
Potassium-40					39.4	0	23.3					
Sodium-22	32.4	0	3.73		15.6	0	2.09		78	0	6.27	
Tritium	751	323	246		3920	337	402		6920	409	499	

LIVE FIRE RANGE

ANALYTICAL RESULTS

EM - 2001 Groundwater Data: Metals
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, Live Fire Range

	Well ID: 039-91 Date: 03/12/01 Depth: 15			Well ID: 039-92 Date: 03/12/01 Depth: 15		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Aluminum	32.2	2.2		74.7	2.2	
Antimony	ND	.88	U	ND	.88	U
Arsenic	ND	3	U	ND	3	U
Barium	6	1.8		6.69	1.8	
Beryllium	ND	.66	U	ND	.66	U
Cadmium	ND	1.1	U	ND	1.1	U
Chromium	ND	1	U	ND	1	U
Cobalt	.222	.12		.529	.12	
Copper	4.61	2		5.2	2	
Iron	ND	75	U	ND	75	U
Lead	ND	1.32	U	ND	1.32	U
Manganese	10.3	2		17.4	2	
Mercury	ND	.1	U	ND	.1	U
Nickel	ND	1.1	U	ND	1.1	U
Selenium	ND	5	U	ND	5	U
Silver	ND	1	U	1.29	1	
Sodium	1880	1000		1410	1000	
Thallium	ND	.66	U	ND	.66	U
Vanadium	ND	5.5	U	ND	5.5	U
Zinc	24.5	4		22	4	

MAJOR PETROLEUM FACILITY

ANALYTICAL RESULTS

FM - 2001 Facility Monitoring Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, Major Petroleum Facility

	Well ID:076-18 Date:01/26/01 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
1,1,1,2-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-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	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	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
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
m/p xylene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	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
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
o-Xylene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.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	.37	.5	J	.3	.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

FM - 2001 Facility Monitoring Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, Major Petroleum Facility

	Well ID:076-18 Date:11/07/01 Depth: 30			Well ID:076-19 Date:01/29/01 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	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-Dichloroethane	ND	.5	U	ND	.5	U	ND	.5	U
1,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
1,3-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
2,2-Dichloropropane	ND	.5	U	ND	.5	U	ND	.5	U
Benzene	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,2,4-trimethyl	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Benzene, 1-methylethyl-	ND	.5	U	ND	.5	U	ND	.5	U
Bromobenzene	ND	.5	U	ND	.5	U	ND	.5	U
Bromodichloromethane	ND	.5	U	ND	.5	U	ND	.5	U
Bromoform	ND	.5	U	ND	.5	U	ND	.5	U
Carbon tetrachloride	ND	.5	U	ND	.5	U	ND	.5	U
Chlorobenzene	ND	.5	U	ND	.5	U	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	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
m-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
m/p xylene	ND	.5	U	ND	.5	U	ND	.5	U
Methyl bromide	ND	.5	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
o-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
o-Xylene	ND	.5	U	ND	.5	U	ND	.5	U
p-Chlorotoluene	ND	.5	U	ND	.5	U	ND	.5	U
p-Dichlorobenzene	ND	.5	U	ND	.5	U	ND	.5	U
sec-Butylbenzene	ND	.5	U	ND	.5	U	ND	.5	U
Styrene	ND	.5	U	ND	.5	U	ND	.5	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

FM - 2001 Facility Monitoring Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, Major Petroleum Facility

	Well ID:076-19 Date:07/24/01 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
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-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
m-Dichlorobenzene	ND	.5	U	ND	.5	U
m/p xylene	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	.71	U	.35	.5	J
n-Butylbenzene	ND	.5	U	ND	.5	U
n-Propylbenzene	ND	.5	U	ND	.5	U
o-Chlorotoluene	ND	.5	U	ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	.5	U
o-Xylene	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

FM - 2001 Facility Monitoring Data: Semi - VOCs
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, Major Petroleum Facility

	Well ID:076-16 Date:04/12/01 Depth: 35			Well ID:076-16 Date:10/09/01 Depth: 35			Well ID:076-17 Date:04/12/01 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	10	U	ND	10	U
2,4,5-Trichlorophenol									
2,4,6-Trichlorophenol	ND	10	U	ND	10	U	ND	10	U
2,4-Dichlorophenol	ND	10	U	ND	10	U	ND	10	U
2,4-Dimethylphenol	ND	10	U	ND	10	U	ND	10	U
2,4-Dinitrophenol	ND	25	U	ND	25	U	ND	25	U
2,4-Dinitrotoluene	ND	10	U	ND	10	U	ND	10	U
2,6-Dinitrotoluene	ND	10	U	ND	10	U	ND	10	U
2-Chloronaphthalene	ND	10	U	ND	10	U	ND	10	U
2-Chlorophenol	ND	10	U	ND	10	U	ND	10	U
2-Methylnaphthalene									
3,3'-Dichlorobenzidine	ND	10	U	ND	20	U	ND	10	U
4,6-Dinitro-o-cresol	ND	25	U	ND	25	U	ND	25	U
4-Bromophenyl phenyl ether	ND	10	U	ND	10	U	ND	10	U
4-Chlorophenyl phenyl ether	ND	10	U	ND	10	U	ND	10	U
Acenaphthene	ND	10	U	ND	10	U	ND	10	U
Acenaphthylene	ND	10	U	ND	10	U	ND	10	U
Anthracene	ND	10	U	ND	10	U	ND	10	U
Benzidine	ND	80	U				ND	80	U
Benzo(a)anthracene	ND	10	U	ND	10	U	ND	10	U
Benzo(a)pyrene	ND	10	U	ND	10	U	ND	10	U
Benzo(b)fluoranthene	ND	10	U	ND	10	U	ND	10	U
Benzo(ghi)perylene	ND	10	U	ND	10	U	ND	10	U
Benzo(k)fluoranthene	ND	10	U	ND	10	U	ND	10	U
Bis(2-chloroethoxy)methane	ND	10	U	ND	10	U	ND	10	U
Bis(2-chloroethyl)ether	ND	10	U	ND	10	U	ND	10	U
Bis(2-ethylhexyl)phthalate	59	10	B	ND	10	U	79	10	B
bis-chloroisopropyl ether	ND	10	U	ND	10	U	ND	10	U
Butyl benzyl phthalate	ND	10	U	ND	10	U	1	10	J
Chrysene	ND	10	U	ND	10	U	ND	10	U
Di-n-butyl phthalate	ND	10	U	ND	10	U	ND	10	U
Di-n-octyl phthalate	ND	10	U	ND	10	U	4	10	J
Dibenzo(a,h)anthracene	ND	10	U	ND	10	U	ND	10	U
Dibenzofuran									
Diethyl phthalate	ND	10	U	ND	10	U	ND	10	U
Dimethyl phthalate	ND	10	U	ND	10	U	ND	10	U
Fluoranthene	ND	10	U	ND	10	U	ND	10	U
Fluorene	ND	10	U	ND	10	U	ND	10	U
Hexachlorobenzene	ND	10	U	ND	10	U	ND	10	U
Hexachlorobutadiene	ND	10	U	ND	10	U	ND	10	U
Hexachlorocyclopentadiene	ND	10	U	ND	10	U	ND	10	U
Hexachloroethane	ND	10	U	ND	10	U	ND	10	U
Indeno(1,2,3-cd)pyrene	ND	10	U	ND	10	U	ND	10	U
Isophorone	ND	10	U	ND	10	U	ND	10	U
N-Nitrosodimethylamine	ND	10	U	ND	10	U	ND	10	U
N-Nitrosodiphenylamine	ND	10	U	ND	10	U	ND	10	U
N-Nitrosodipropylamine	ND	10	U	ND	10	U	ND	10	U
Naphthalene	ND	10	U	ND	10	U	ND	10	U
Nitrobenzene	ND	10	U	ND	10	U	ND	10	U
o-Nitrophenol	ND	25	U	ND	25	U	ND	25	U
p-Chloro-m-cresol	ND	10	U	ND	10	U	ND	10	U
p-Nitrophenol	ND	25	U	ND	25	U	ND	25	U
PCP	ND	25	U	ND	25	U	ND	25	U
Phenanthrene	ND	10	U	ND	10	U	ND	10	U
Phenol	ND	10	U	ND	10	U	ND	10	U
Pyrene	ND	10	U	ND	10	U	ND	10	U

FM - 2001 Facility Monitoring Data: Semi - VOCs
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, Major Petroleum Facility

	Well ID:076-17 Date:10/09/01 Depth: 35			Well ID:076-18 Date:01/26/01 Depth: 30			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	10	U	ND	.5	U	ND	10	U
2,4,5-Trichlorophenol							ND	10	U
2,4,6-Trichlorophenol	ND	10	U				ND	10	U
2,4-Dichlorophenol	ND	10	U				ND	10	U
2,4-Dimethylphenol	ND	10	U				ND	10	U
2,4-Dinitrophenol	ND	25	U				ND	50	U
2,4-Dinitrotoluene	ND	10	U				ND	10	U
2,6-Dinitrotoluene	ND	10	U				ND	10	U
2-Chloronaphthalene	ND	10	U				ND	10	U
2-Chlorophenol	ND	10	U				ND	10	U
2-Methylnaphthalene							ND	10	U
3,3'-Dichlorobenzidine	ND	20	U				ND	40	U
4,6-Dinitro-o-cresol	ND	25	U				ND	50	U
4-Bromophenyl phenyl ether	ND	10	U				ND	10	U
4-Chlorophenyl phenyl ether	ND	10	U				ND	10	U
Acenaphthene	ND	10	U				ND	10	U
Acenaphthylene	ND	10	U				ND	10	U
Anthracene	ND	10	U				ND	10	U
Benzidine							ND	10	U
Benzo(a)anthracene	ND	10	U				ND	10	U
Benzo(a)pyrene	ND	10	U				ND	10	U
Benzo(b)fluoranthene	ND	10	U				ND	10	U
Benzo(ghi)perylene	ND	10	U				ND	10	U
Benzo(k)fluoranthene	ND	10	U				ND	10	U
Bis(2-chloroethoxy)methane	ND	10	U				ND	10	U
Bis(2-chloroethyl)ether	ND	10	U				ND	10	U
Bis(2-ethylhexyl)phthalate	ND	10	U				ND	10	U
bis-chloroisopropyl ether	ND	10	U				ND	10	U
Butyl benzyl phthalate	ND	10	U				ND	10	U
Chrysene	ND	10	U				ND	10	U
Di-n-butyl phthalate	ND	10	U				ND	10	U
Di-n-octyl phthalate	ND	10	U				ND	10	U
Dibenzo(a,h)anthracene	ND	10	U				ND	10	U
Dibenzofuran							ND	10	U
Diethyl phthalate	ND	10	U				ND	10	U
Dimethyl phthalate	ND	10	U				ND	10	U
Fluoranthene	ND	10	U				ND	10	U
Fluorene	ND	10	U				ND	10	U
Hexachlorobenzene	ND	10	U				ND	10	U
Hexachlorobutadiene	ND	10	U	ND	.5	U	ND	10	U
Hexachlorocyclopentadiene	ND	10	U				ND	10	U
Hexachloroethane	ND	10	U				ND	10	U
Indeno(1,2,3-cd)pyrene	ND	10	U				ND	10	U
Isophorone	ND	10	U				ND	10	U
N-Nitrosodimethylamine	ND	10	U				ND	10	U
N-Nitrosodiphenylamine	ND	10	U						
N-Nitrosodipropylamine	ND	10	U				ND	10	U
Naphthalene	ND	10	U	ND	.5	U	ND	10	U
Nitrobenzene	ND	10	U				ND	10	U
o-Nitrophenol	ND	25	U				ND	10	U
p-Chloro-m-cresol	ND	10	U				ND	10	U
p-Nitrophenol	ND	25	U				ND	50	U
PCP	ND	25	U				ND	50	U
Phenanthrene	ND	10	U				ND	10	U
Phenol	ND	10	U				ND	10	U
Pyrene	ND	10	U				ND	10	U

FM - 2001 Facility Monitoring Data: Semi - VOCs
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, Major Petroleum Facility

	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	.5	U	ND	.5	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	.5	U	ND	.5	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	.5	U	ND	.5	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

FM - 2001 Facility Monitoring Data: Semi - VOCs
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, Major Petroleum Facility

	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	.5	U	ND	.5	U
				ND	9.6	U			
2,4,5-Trichlorophenol				ND	9.6	U			
2,4,6-Trichlorophenol	ND	10	U	ND	9.6	U			
2,4-Dichlorophenol	ND	10	U	ND	9.6	U			
2,4-Dimethylphenol	ND	10	U	ND	9.6	U			
2,4-Dinitrophenol	ND	25	U	ND	48.1	U			
2,4-Dinitrotoluene	ND	10	U	ND	9.6	U			
2,6-Dinitrotoluene	ND	10	U	ND	9.6	U			
2-Chloronaphthalene	ND	10	U	ND	9.6	U			
2-Chlorophenol	ND	10	U	ND	9.6	U			
2-Methylnaphthalene				ND	.96	U			
3,3'-Dichlorobenzidine	ND	20	U	ND	38.5	U			
4,6-Dinitro-o-cresol	ND	25	U	ND	48.1	U			
4-Bromophenyl phenyl ether	ND	10	U	ND	9.6	U			
4-Chlorophenyl phenyl ether	ND	10	U	ND	9.6	U			
Acenaphthene	ND	10	U	ND	9.6	U			
Acenaphthylene	ND	10	U	ND	9.6	U			
Anthracene	ND	10	U	ND	9.6	U			
Benzidine				ND	48.1	U			
Benzo(a)anthracene	ND	10	U	ND	9.6	U			
Benzo(a)pyrene	ND	10	U	ND	9.6	U			
Benzo(b)fluoranthene	ND	10	U	ND	9.6	U			
Benzo(ghi)perylene	ND	10	U	ND	9.6	U			
Benzo(k)fluoranthene	ND	10	U	ND	9.6	U			
Bis(2-chloroethoxy)methane	ND	10	U	ND	9.6	U			
Bis(2-chloroethyl)ether	ND	10	U	ND	9.6	U			
Bis(2-ethylhexyl)phthalate	ND	10	U	ND	9.6	U			
bis-chloroisopropyl ether	ND	10	U	ND	9.6	U			
Butyl benzyl phthalate	ND	10	U	ND	9.6	U			
Chrysene	ND	10	U	ND	9.6	U			
Di-n-butyl phthalate	ND	10	U	ND	9.6	U			
Di-n-octyl phthalate	ND	10	U	ND	9.6	U			
Dibenzo(a,h)anthracene	ND	10	U	ND	9.6	U			
Dibenzofuran				ND	9.6	U			
Diethyl phthalate	ND	10	U	ND	9.6	U			
Dimethyl phthalate	ND	10	U	ND	9.6	U			
Fluoranthene	ND	10	U	ND	9.6	U			
Fluorene	ND	10	U	ND	9.6	U			
Hexachlorobenzene	ND	10	U	ND	9.6	U			
Hexachlorobutadiene	ND	10	U	ND	.5	U	ND	.5	U
				ND	9.6	U			
Hexachlorocyclopentadiene	ND	10	U	ND	9.6	U			
Hexachloroethane	ND	10	U	ND	9.6	U			
Indeno(1,2,3-cd)pyrene	ND	10	U	ND	9.6	U			
Isophorone	ND	10	U	ND	9.6	U			
N-Nitrosodimethylamine	ND	10	U	ND	9.6	U			
N-Nitrosodiphenylamine	ND	10	U						
N-Nitrosodipropylamine	ND	10	U	ND	9.6	U			
Naphthalene	ND	10	U	ND	.5	U	ND	.5	U
				ND	9.6	U			
Nitrobenzene	ND	10	U	ND	9.6	U			
o-Nitrophenol	ND	25	U	ND	9.6	U			
p-Chloro-m-cresol	ND	10	U	ND	9.6	U			
p-Nitrophenol	ND	25	U	ND	48.1	U			
PCP	ND	25	U	ND	48.1	U			
Phenanthrene	ND	10	U	ND	9.6	U			
Phenol	ND	10	U	ND	9.6	U			
Pyrene	ND	10	U	ND	9.6	U			

FM - 2001 Facility Monitoring Data: Semi - VOCs
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, Major Petroleum Facility

	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
1,2,4-Trichlorobenzene	ND	10	U	ND	10	U	ND	.5	U
							ND	11.4	U
2,4,5-Trichlorophenol	ND	10	U				ND	11.4	U
2,4,6-Trichlorophenol	ND	10	U	ND	10	U	ND	11.4	U
2,4-Dichlorophenol	ND	10	U	ND	10	U	ND	11.4	U
2,4-Dimethylphenol	ND	10	U	ND	10	U	ND	11.4	U
2,4-Dinitrophenol	ND	50	U	ND	25	U	ND	56.8	U
2,4-Dinitrotoluene	ND	10	U	ND	10	U	ND	11.4	U
2,6-Dinitrotoluene	ND	10	U	ND	10	U	ND	11.4	U
2-Chloronaphthalene	ND	10	U	ND	10	U	ND	11.4	U
2-Chlorophenol	ND	10	U	ND	10	U	ND	11.4	U
2-Methylnaphthalene	ND	10	U				ND	1.1	U
3,3'-Dichlorobenzidine	ND	40	U	ND	10	U	ND	45.4	U
4,6-Dinitro-o-cresol	ND	50	U	ND	25	U	ND	56.8	U
4-Bromophenyl phenyl ether	ND	10	U	ND	10	U	ND	11.4	U
4-Chlorophenyl phenyl ether	ND	10	U	ND	10	U	ND	11.4	U
Acenaphthene	ND	10	U	ND	10	U	ND	11.4	U
Acenaphthylene	ND	10	U	ND	10	U	ND	11.4	U
Anthracene	ND	10	U	ND	10	U	ND	11.4	U
Benzidine	ND	10	U	ND	80	U	ND	56.8	U
Benzo(a)anthracene	ND	10	U	ND	10	U	ND	11.4	U
Benzo(a)pyrene	ND	10	U	ND	10	U	ND	11.4	U
Benzo(b)fluoranthene	ND	10	U	ND	10	U	ND	11.4	U
Benzo(ghi)perylene	ND	10	U	ND	10	U	ND	11.4	U
Benzo(k)fluoranthene	ND	10	U	ND	10	U	ND	11.4	U
Bis(2-chloroethoxy)methane	ND	10	U	ND	10	U	ND	11.4	U
Bis(2-chloroethyl)ether	ND	10	U	ND	10	U	ND	11.4	U
Bis(2-ethylhexyl)phthalate	ND	10	U	120	10	BD	ND	11.4	U
bis-chloroisopropyl ether	ND	10	U	ND	10	U	ND	11.4	U
Butyl benzyl phthalate	ND	10	U	ND	10	U	ND	11.4	U
Chrysene	ND	10	U	ND	10	U	ND	11.4	U
Di-n-butyl phthalate	ND	10	U	ND	10	U	ND	11.4	U
Di-n-octyl phthalate	ND	10	U	2	10	J	ND	11.4	U
Dibenzo(a,h)anthracene	ND	10	U	ND	10	U	ND	11.4	U
Dibenzofuran	ND	10	U				ND	11.4	U
Diethyl phthalate	ND	10	U	ND	10	U	ND	11.4	U
Dimethyl phthalate	ND	10	U	ND	10	U	ND	11.4	U
Fluoranthene	ND	10	U	ND	10	U	ND	11.4	U
Fluorene	ND	10	U	ND	10	U	ND	11.4	U
Hexachlorobenzene	ND	10	U	ND	10	U	ND	11.4	U
Hexachlorobutadiene	ND	10	U	ND	10	U	ND	.5	U
							ND	11.4	U
Hexachlorocyclopentadiene	ND	10	U	ND	10	U	ND	11.4	U
Hexachloroethane	ND	10	U	ND	10	U	ND	11.4	U
Indeno(1,2,3-cd)pyrene	ND	10	U	ND	10	U	ND	11.4	U
Isophorone	ND	10	U	ND	10	U	ND	11.4	U
N-Nitrosodimethylamine	ND	10	U	ND	10	U	ND	11.4	U
N-Nitrosodiphenylamine				ND	10	U			
N-Nitrosodipropylamine	ND	10	U	ND	10	U	ND	11.4	U
Naphthalene	ND	10	U	ND	10	U	ND	.5	U
							ND	11.4	U
Nitrobenzene	ND	10	U	ND	10	U	ND	11.4	U
o-Nitrophenol	ND	10	U	ND	25	U	ND	11.4	U
p-Chloro-m-cresol	ND	10	U	ND	10	U	ND	11.4	U
p-Nitrophenol	ND	50	U	ND	25	U	ND	56.8	U
PCP	ND	50	U	ND	25	U	ND	56.8	U
Phenanthrene	ND	10	U	ND	10	U	ND	11.4	U
Phenol	ND	10	U	ND	10	U	ND	11.4	U
Pyrene	ND	10	U	ND	10	U	ND	11.4	U

FM - 2001 Facility Monitoring Data: Semi - VOCs
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, Major Petroleum Facility

	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
1,2,4-Trichlorobenzene	ND	.5	U	ND	10	U	ND	.5	U
	ND	9.6	U				ND	9.9	U
2,4,5-Trichlorophenol	ND	9.6	U				ND	9.9	U
2,4,6-Trichlorophenol	ND	9.6	U	ND	10	U	ND	9.9	U
2,4-Dichlorophenol	ND	9.6	U	ND	10	U	ND	9.9	U
2,4-Dimethylphenol	ND	9.6	U	ND	10	U	ND	9.9	U
2,4-Dinitrophenol	ND	48.1	U	ND	25	U	ND	49.5	U
2,4-Dinitrotoluene	ND	9.6	U	ND	10	U	ND	9.9	U
2,6-Dinitrotoluene	ND	9.6	U	ND	10	U	ND	9.9	U
2-Chloronaphthalene	ND	9.6	U	ND	10	U	ND	9.9	U
2-Chlorophenol	ND	9.6	U	ND	10	U	ND	9.9	U
2-Methylnaphthalene	ND	.96	U				ND	.99	U
3,3'-Dichlorobenzidine	ND	38.5	U	ND	20	U	ND	39.6	U
4,6-Dinitro-o-cresol	ND	48.1	U	ND	25	U	ND	49.5	U
4-Bromophenyl phenyl ether	ND	9.6	U	ND	10	U	ND	9.9	U
4-Chlorophenyl phenyl ether	ND	9.6	U	ND	10	U	ND	9.9	U
Acenaphthene	ND	9.6	U	ND	10	U	ND	9.9	U
Acenaphthylene	ND	9.6	U	ND	10	U	ND	9.9	U
Anthracene	ND	9.6	U	ND	10	U	ND	9.9	U
Benzidine	ND	48.1	U				ND	49.5	U
Benzo(a)anthracene	ND	9.6	U	ND	10	U	ND	9.9	U
Benzo(a)pyrene	ND	9.6	U	ND	10	U	ND	9.9	U
Benzo(b)fluoranthene	ND	9.6	U	ND	10	U	ND	9.9	U
Benzo(ghi)perylene	ND	9.6	U	ND	10	U	ND	9.9	U
Benzo(k)fluoranthene	ND	9.6	U	ND	10	U	ND	9.9	U
Bis(2-chloroethoxy)methane	ND	9.6	U	ND	10	U	ND	9.9	U
Bis(2-chloroethyl)ether	ND	9.6	U	ND	10	U	ND	9.9	U
Bis(2-ethylhexyl)phthalate	ND	9.6	U	ND	10	U	ND	9.9	U
bis-chloroisopropyl ether	ND	9.6	U	ND	10	U	ND	9.9	U
Butyl benzyl phthalate	ND	9.6	U	ND	10	U	ND	9.9	U
Chrysene	ND	9.6	U	ND	10	U	ND	9.9	U
Di-n-butyl phthalate	ND	9.6	U	3	10	J	ND	9.9	U
Di-n-octyl phthalate	ND	9.6	U	ND	10	U	ND	9.9	U
Dibenzo(a,h)anthracene	ND	9.6	U	ND	10	U	ND	9.9	U
Dibenzofuran	ND	9.6	U				ND	9.9	U
Diethyl phthalate	ND	9.6	U	ND	10	U	ND	9.9	U
Dimethyl phthalate	ND	9.6	U	ND	10	U	ND	9.9	U
Fluoranthene	ND	9.6	U	ND	10	U	ND	9.9	U
Fluorene	ND	9.6	U	ND	10	U	ND	9.9	U
Hexachlorobenzene	ND	9.6	U	ND	10	U	ND	9.9	U
Hexachlorobutadiene	ND	.5	U	ND	10	U	ND	.5	U
	ND	9.6	U				ND	9.9	U
Hexachlorocyclopentadiene	ND	9.6	U	ND	10	U	ND	9.9	U
Hexachloroethane	ND	9.6	U	ND	10	U	ND	9.9	U
Indeno(1,2,3-cd)pyrene	ND	9.6	U	ND	10	U	ND	9.9	U
Isophorone	ND	9.6	U	ND	10	U	ND	9.9	U
N-Nitrosodimethylamine	ND	9.6	U	ND	10	U	ND	9.9	U
N-Nitrosodiphenylamine				ND	10	U			
N-Nitrosodipropylamine	ND	9.6	U	ND	10	U	ND	9.9	U
Naphthalene	ND	.5	U	ND	10	U	ND	.5	U
	ND	9.6	U				ND	9.9	U
Nitrobenzene	ND	9.6	U	ND	10	U	ND	9.9	U
o-Nitrophenol	ND	9.6	U	ND	25	U	ND	9.9	U
p-Chloro-m-cresol	ND	9.6	U	ND	10	U	ND	9.9	U
p-Nitrophenol	ND	48.1	U	ND	25	U	ND	49.5	U
PCP	ND	48.1	U	ND	25	U	ND	49.5	U
Phenanthrene	ND	9.6	U	ND	10	U	ND	9.9	U
Phenol	ND	9.6	U	ND	10	U	ND	9.9	U
Pyrene	ND	9.6	U	ND	10	U	ND	9.9	U

FM - 2001 Facility Monitoring Data: Semi - VOCs
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, Major Petroleum Facility

	Well ID:076-25 Date:04/12/01 Depth: 42			Well ID:076-25 Date:10/09/01 Depth: 40			Well ID:076-378 Date:04/12/01 Depth: 34		
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	10	U
2,4,5-Trichlorophenol									
2,4,6-Trichlorophenol	ND	10	U	ND	10	U	ND	10	U
2,4-Dichlorophenol	ND	10	U	ND	10	U	ND	10	U
2,4-Dimethylphenol	ND	10	U	ND	10	U	ND	10	U
2,4-Dinitrophenol	ND	25	U	ND	25	U	ND	25	U
2,4-Dinitrotoluene	ND	10	U	ND	10	U	ND	10	U
2,6-Dinitrotoluene	ND	10	U	ND	10	U	ND	10	U
2-Chloronaphthalene	ND	10	U	ND	10	U	ND	10	U
2-Chlorophenol	ND	10	U	ND	10	U	ND	10	U
2-Methylnaphthalene									
3,3'-Dichlorobenzidine	ND	10	U	ND	20	U	ND	10	U
4,6-Dinitro-o-cresol	ND	25	U	ND	25	U	ND	25	U
4-Bromophenyl phenyl ether	ND	10	U	ND	10	U	ND	10	U
4-Chlorophenyl phenyl ether	ND	10	U	ND	10	U	ND	10	U
Acenaphthene	ND	10	U	ND	10	U	ND	10	U
Acenaphthylene	ND	10	U	ND	10	U	ND	10	U
Anthracene	ND	10	U	ND	10	U	ND	10	U
Benzidine	ND	80	U				ND	80	U
Benzo(a)anthracene	ND	10	U	ND	10	U	ND	10	U
Benzo(a)pyrene	ND	10	U	ND	10	U	ND	10	U
Benzo(b)fluoranthene	ND	10	U	ND	10	U	ND	10	U
Benzo(ghi)perylene	ND	10	U	ND	10	U	ND	10	U
Benzo(k)fluoranthene	ND	10	U	ND	10	U	ND	10	U
Bis(2-chloroethoxy)methane	ND	10	U	ND	10	U	ND	10	U
Bis(2-chloroethyl)ether	ND	10	U	ND	10	U	ND	10	U
Bis(2-ethylhexyl)phthalate	120	10	BD	ND	10	U	41	10	B
bis-chloroisopropyl ether	ND	10	U	ND	10	U	ND	10	U
Butyl benzyl phthalate	ND	10	U	ND	10	U	ND	10	U
Chrysene	ND	10	U	ND	10	U	ND	10	U
Di-n-butyl phthalate	ND	10	U	1	10	J	ND	10	U
Di-n-octyl phthalate	2	10	J	ND	10	U	ND	10	U
Dibenzo(a,h)anthracene	ND	10	U	ND	10	U	ND	10	U
Dibenzofuran									
Diethyl phthalate	ND	10	U	ND	10	U	ND	10	U
Dimethyl phthalate	ND	10	U	ND	10	U	ND	10	U
Fluoranthene	ND	10	U	ND	10	U	ND	10	U
Fluorene	ND	10	U	ND	10	U	ND	10	U
Hexachlorobenzene	ND	10	U	ND	10	U	ND	10	U
Hexachlorobutadiene	ND	10	U	ND	10	U	ND	10	U
Hexachlorocyclopentadiene	ND	10	U	ND	10	U	ND	10	U
Hexachloroethane	ND	10	U	ND	10	U	ND	10	U
Indeno(1,2,3-cd)pyrene	ND	10	U	ND	10	U	ND	10	U
Isophorone	ND	10	U	ND	10	U	ND	10	U
N-Nitrosodimethylamine	ND	10	U	ND	10	U	ND	10	U
N-Nitrosodiphenylamine	ND	10	U	ND	10	U	ND	10	U
N-Nitrosodipropylamine	ND	10	U	ND	10	U	ND	10	U
Naphthalene	ND	10	U	ND	10	U	ND	10	U
Nitrobenzene	ND	10	U	ND	10	U	ND	10	U
o-Nitrophenol	ND	25	U	ND	25	U	ND	25	U
p-Chloro-m-cresol	ND	10	U	ND	10	U	ND	10	U
p-Nitrophenol	ND	25	U	ND	25	U	ND	25	U
PCP	ND	25	U	ND	25	U	ND	25	U
Phenanthrene	ND	10	U	ND	10	U	ND	10	U
Phenol	ND	10	U	ND	10	U	ND	10	U
Pyrene	ND	10	U	ND	10	U	ND	10	U

FM - 2001 Facility Monitoring Data: Semi - VOCs
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, Major Petroleum Facility

	Well ID:076-378 Date:10/09/01 Depth: 35			Well ID:076-379 Date:04/12/01 Depth: 36			Well ID:076-379 Date:10/09/01 Depth: 36		
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	10	U
2,4,5-Trichlorophenol									
2,4,6-Trichlorophenol	ND	10	U	ND	10	U	ND	10	U
2,4-Dichlorophenol	ND	10	U	ND	10	U	ND	10	U
2,4-Dimethylphenol	ND	10	U	ND	10	U	ND	10	U
2,4-Dinitrophenol	ND	25	U	ND	25	U	ND	25	U
2,4-Dinitrotoluene	ND	10	U	ND	10	U	ND	10	U
2,6-Dinitrotoluene	ND	10	U	ND	10	U	ND	10	U
2-Chloronaphthalene	ND	10	U	ND	10	U	ND	10	U
2-Chlorophenol	ND	10	U	ND	10	U	ND	10	U
2-Methylnaphthalene									
3,3'-Dichlorobenzidine	ND	20	U	ND	10	U	ND	20	U
4,6-Dinitro-o-cresol	ND	25	U	ND	25	U	ND	25	U
4-Bromophenyl phenyl ether	ND	10	U	ND	10	U	ND	10	U
4-Chlorophenyl phenyl ether	ND	10	U	ND	10	U	ND	10	U
Acenaphthene	ND	10	U	ND	10	U	ND	10	U
Acenaphthylene	ND	10	U	ND	10	U	ND	10	U
Anthracene	ND	10	U	ND	10	U	ND	10	U
Benzidine				ND	80	U			
Benzo(a)anthracene	ND	10	U	ND	10	U	ND	10	U
Benzo(a)pyrene	ND	10	U	ND	10	U	ND	10	U
Benzo(b)fluoranthene	ND	10	U	ND	10	U	ND	10	U
Benzo(ghi)perylene	ND	10	U	ND	10	U	ND	10	U
Benzo(k)fluoranthene	ND	10	U	ND	10	U	ND	10	U
Bis(2-chloroethoxy)methane	ND	10	U	ND	10	U	ND	10	U
Bis(2-chloroethyl)ether	ND	10	U	ND	10	U	ND	10	U
Bis(2-ethylhexyl)phthalate	ND	10	U	56	10	B	ND	10	U
bis-chloroisopropyl ether	ND	10	U	ND	10	U	ND	10	U
Butyl benzyl phthalate	ND	10	U	ND	10	U	ND	10	U
Chrysene	ND	10	U	ND	10	U	ND	10	U
Di-n-butyl phthalate	ND	10	U	ND	10	U	ND	10	U
Di-n-octyl phthalate	ND	10	U	ND	10	U	ND	10	U
Dibenzo(a,h)anthracene	ND	10	U	ND	10	U	ND	10	U
Dibenzofuran									
Diethyl phthalate	ND	10	U	ND	10	U	ND	10	U
Dimethyl phthalate	ND	10	U	ND	10	U	ND	10	U
Fluoranthene	ND	10	U	ND	10	U	ND	10	U
Fluorene	ND	10	U	ND	10	U	ND	10	U
Hexachlorobenzene	ND	10	U	ND	10	U	ND	10	U
Hexachlorobutadiene	ND	10	U	ND	10	U	ND	10	U
Hexachlorocyclopentadiene	ND	10	U	ND	10	U	ND	10	U
Hexachloroethane	ND	10	U	ND	10	U	ND	10	U
Indeno(1,2,3-cd)pyrene	ND	10	U	ND	10	U	ND	10	U
Isophorone	ND	10	U	ND	10	U	ND	10	U
N-Nitrosodimethylamine	ND	10	U	ND	10	U	ND	10	U
N-Nitrosodiphenylamine	ND	10	U	ND	10	U	ND	10	U
N-Nitrosodipropylamine	ND	10	U	ND	10	U	ND	10	U
Naphthalene	ND	10	U	ND	10	U	ND	10	U
Nitrobenzene	ND	10	U	ND	10	U	ND	10	U
o-Nitrophenol	ND	25	U	ND	25	U	ND	25	U
p-Chloro-m-cresol	ND	10	U	ND	10	U	ND	10	U
p-Nitrophenol	ND	25	U	ND	25	U	ND	25	U
PCP	ND	25	U	ND	25	U	ND	25	U
Phenanthrene	ND	10	U	ND	10	U	ND	10	U
Phenol	ND	10	U	ND	10	U	ND	10	U
Pyrene	ND	10	U	ND	10	U	ND	10	U

FM - 2001 Facility Monitoring Data: Semi - VOCs
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, Major Petroleum Facility

	Well ID:076-380 Date:04/12/01 Depth: 34			Well ID:076-380 Date:10/09/01 Depth: 35		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,2,4-Trichlorobenzene	ND	10	U	ND	10	U
2,4,5-Trichlorophenol						
2,4,6-Trichlorophenol	ND	10	U	ND	10	U
2,4-Dichlorophenol	ND	10	U	ND	10	U
2,4-Dimethylphenol	ND	10	U	ND	10	U
2,4-Dinitrophenol	ND	25	U	ND	25	U
2,4-Dinitrotoluene	ND	10	U	ND	10	U
2,6-Dinitrotoluene	ND	10	U	ND	10	U
2-Chloronaphthalene	ND	10	U	ND	10	U
2-Chlorophenol	ND	10	U	ND	10	U
2-Methylnaphthalene						
3,3'-Dichlorobenzidine	ND	10	U	ND	20	U
4,6-Dinitro-o-cresol	ND	25	U	ND	25	U
4-Bromophenyl phenyl ether	ND	10	U	ND	10	U
4-Chlorophenyl phenyl ether	ND	10	U	ND	10	U
Acenaphthene	ND	10	U	ND	10	U
Acenaphthylene	ND	10	U	ND	10	U
Anthracene	ND	10	U	ND	10	U
Benzidine	ND	80	U			
Benzo(a)anthracene	ND	10	U	ND	10	U
Benzo(a)pyrene	ND	10	U	ND	10	U
Benzo(b)fluoranthene	ND	10	U	ND	10	U
Benzo(ghi)perylene	ND	10	U	ND	10	U
Benzo(k)fluoranthene	ND	10	U	ND	10	U
Bis(2-chloroethoxy)methane	ND	10	U	ND	10	U
Bis(2-chloroethyl)ether	ND	10	U	ND	10	U
Bis(2-ethylhexyl)phthalate	110	10	BD	ND	10	U
bis-chloroisopropyl ether	ND	10	U	ND	10	U
Butyl benzyl phthalate	ND	10	U	ND	10	U
Chrysene	ND	10	U	ND	10	U
Di-n-butyl phthalate	ND	10	U	ND	10	U
Di-n-octyl phthalate	1	10	J	ND	10	U
Dibenzo(a,h)anthracene	ND	10	U	ND	10	U
Dibenzofuran						
Diethyl phthalate	ND	10	U	ND	10	U
Dimethyl phthalate	ND	10	U	ND	10	U
Fluoranthene	ND	10	U	ND	10	U
Fluorene	ND	10	U	ND	10	U
Hexachlorobenzene	ND	10	U	ND	10	U
Hexachlorobutadiene	ND	10	U	ND	10	U
Hexachlorocyclopentadiene	ND	10	U	ND	10	U
Hexachloroethane	ND	10	U	ND	10	U
Indeno(1,2,3-cd)pyrene	ND	10	U	ND	10	U
Isophorone	ND	10	U	ND	10	U
N-Nitrosodimethylamine	ND	10	U	ND	10	U
N-Nitrosodiphenylamine	ND	10	U	ND	10	U
N-Nitrosodipropylamine	ND	10	U	ND	10	U
Naphthalene	ND	10	U	ND	10	U
Nitrobenzene	ND	10	U	ND	10	U
o-Nitrophenol	ND	25	U	ND	25	U
p-Chloro-m-cresol	ND	10	U	ND	10	U
p-Nitrophenol	ND	25	U	ND	25	U
PCP	ND	25	U	ND	25	U
Phenanthrene	ND	10	U	ND	10	U
Phenol	ND	10	U	ND	10	U
Pyrene	ND	10	U	ND	10	U

MEDICAL RESEARCH REACTOR

ANALYTICAL RESULTS

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, Medical Research Reactor

	Well ID: 084-12 Date: 03/12/01 Depth: 63				Well ID: 084-12 Date: 09/12/01 Depth: 63				Well ID: 084-13 Date: 03/12/01 Depth: 91			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Bismuth-212	17.6	0	9.59									
Bismuth-214	79.2	0	6.07						33.1	0	4.18	
Gross Alpha	<MDL	.632	.396	U	<MDL	.797	.408	U	3.36	.632	.647	
Gross Beta	3.41	2.23	1.43		4.87	2.31	1.53		11.1	2.23	1.67	
Lead-214	75.7	0	5.86						30	0	4.06	
Potassium-40	35.8	0	26									
Radium-226												
Tritium	<MDL	374	236	U	347	331	207		<MDL	374	222	U

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, Medical Research Reactor

	Well ID: 084-13 Date: 09/12/01 Depth: 61				Well ID: 084-27 Date: 03/12/01 Depth: 58				Well ID: 084-27 Date: 09/12/01 Depth: 58			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Bismuth-212												
Bismuth-214					97.1	0	7.87					
Gross Alpha	1.14	.797	.504		<MDL	.632	.298	U	2.88	.797	.688	
Gross Beta	5.17	2.31	1.54		6.88	2.23	1.55		4.13	2.31	1.5	
Lead-214					86	0	9.63		7.09	0	3.47	
Potassium-40												
Radium-226									62.3	0	49.9	
Tritium	507	331	214		1550	374	295		1230	331	246	

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, Medical Research Reactor

	Well ID: 084-28 Date: 03/12/01 Depth: 56				Well ID: 084-28 Date: 09/12/01 Depth: 56			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Bismuth-212								
Bismuth-214	59.4	0	4.68					
Gross Alpha	.858	.632	.409		3.25	.797	.627	
Gross Beta	4.38	2.23	1.47		3.29	2.31	1.48	
Lead-214	55.9	0	6.32					
Potassium-40								
Radium-226								
Tritium	<MDL	374	226	U	<MDL	331	187	U

MOTOR POOL AREA

ANALYTICAL RESULTS

FM - 2001 Facility Monitoring Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, Motor Pool Area

	Well ID:102-05 Date:03/14/01 Depth: 59			Well ID:102-05 Date:09/12/01 Depth: 59			Well ID:102-06 Date:03/19/01 Depth: 58		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1-Trichloroethane	2.3	2		.8	2	J	.6	2	J
1,1,2,2-Tetrachloroethane	ND	2	U	ND	2	U	ND	2	U
1,1,2-Trichloroethane	ND	2	U	ND	2	U	ND	2	U
1,1-Dichloroethane	ND	2	U	ND	2	U	ND	2	U
1,1-Dichloroethylene	ND	2	U	ND	2	U	ND	2	U
1,2-Dichloroethane	ND	2	U	ND	2	U	ND	2	U
1,2-Dichloropropane	ND	2	U	ND	2	U	ND	2	U
1,3-Dichloropropane	ND	2	U	ND	2	U	ND	2	U
2-Hexanone	ND	2	U	ND	2	U	ND	2	U
Acetone	ND	2	U	ND	2	U	ND	2	U
Benzene	ND	2	U	ND	2	U	ND	2	U
Bromodichloromethane	ND	2	U	ND	2	U	ND	2	U
Bromoform	ND	2	U	ND	2	U	ND	2	U
Carbon tetrachloride	ND	2	U	ND	2	U	ND	2	U
Chlorobenzene	ND	2	U	ND	2	U	ND	2	U
Chloroethane	ND	2	U	ND	2	U	ND	2	U
Chloroform	ND	2	U	ND	2	U	ND	2	U
cis-1,3-Dichloropropene	ND	2	U	ND	2	U	ND	2	U
Dibromochloromethane	ND	2	U	ND	2	U	ND	2	U
Ethene, 1,2-dichloro-, (E)-	ND	2	U	ND	2	U	ND	2	U
Ethylbenzene	ND	2	U	ND	2	U	ND	2	U
m-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
m/p xylene	ND	2	U	ND	2	U	ND	2	U
Methyl bromide	ND	2	U	ND	2	U	ND	2	U
Methyl chloride	ND	2	U	ND	2	U	ND	2	U
Methyl ethyl ketone	ND	2	U	ND	2	U	ND	2	U
Methyl isobutyl ketone (MIBK)	ND	2	U	ND	2	U	ND	2	U
Methyl tert-butyl ether	ND	2	U	ND	2	U	ND	2	U
Methylene chloride	ND	2	U	ND	2	U	ND	2	U
o-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
o-Xylene	ND	2	U	ND	2	U	ND	2	U
p-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
Tetrachloroethylene	ND	2	U	ND	2	U	ND	2	U
Toluene	ND	2	U	ND	2	U	ND	2	U
trans-1,3-Dichloropropene	ND	2	U	ND	2	U	ND	2	U
Trichloroethylene	ND	2	U	ND	2	U	ND	2	U
Trichlorofluoromethane	ND	2	U	ND	2	U	ND	2	U
Vinyl chloride	ND	2	U	ND	2	U	ND	2	U

FM - 2001 Facility Monitoring Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, Motor Pool Area

	Well ID:102-06 Date:09/12/01 Depth: 58			Well ID:102-10 Date:03/14/01 Depth: 53			Well ID:102-10 Date:08/30/01 Depth: 52		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1-Trichloroethane	1.6	2	J	13.9	2		25.7	2	
1,1,2,2-Tetrachloroethane	ND	2	U	ND	2	U	ND	2	U
1,1,2-Trichloroethane	ND	2	U	ND	2	U	ND	2	U
1,1-Dichloroethane	ND	2	U	.6	2	J	ND	2	U
1,1-Dichloroethylene	ND	2	U	ND	2	U	ND	2	U
1,2-Dichloroethane	ND	2	U	ND	2	U	ND	2	U
1,2-Dichloropropane	ND	2	U	ND	2	U	ND	2	U
1,3-Dichloropropane	ND	2	U	ND	2	U	ND	2	U
2-Hexanone	ND	2	U	ND	2	U	ND	2	U
Acetone	ND	2	U	ND	2	U	ND	2	U
Benzene	ND	2	U	ND	2	U	ND	2	U
Bromodichloromethane	ND	2	U	ND	2	U	ND	2	U
Bromoform	ND	2	U	ND	2	U	ND	2	U
Carbon tetrachloride	ND	2	U	ND	2	U	ND	2	U
Chlorobenzene	ND	2	U	ND	2	U	ND	2	U
Chloroethane	ND	2	U	ND	2	U	ND	2	U
Chloroform	ND	2	U	ND	2	U	ND	2	U
cis-1,3-Dichloropropene	ND	2	U	ND	2	U	ND	2	U
Dibromochloromethane	ND	2	U	ND	2	U	ND	2	U
Ethene, 1,2-dichloro-, (E)-	ND	2	U	ND	2	U	ND	2	U
Ethylbenzene	ND	2	U	ND	2	U	ND	2	U
m-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
m/p xylene	ND	2	U	ND	2	U	ND	2	U
Methyl bromide	ND	2	U	ND	2	U	ND	2	U
Methyl chloride	ND	2	U	ND	2	U	ND	2	U
Methyl ethyl ketone	ND	2	U	ND	2	U	ND	2	U
Methyl isobutyl ketone (MIBK)	ND	2	U	ND	2	U	ND	2	U
Methyl tert-butyl ether	ND	2	U	ND	2	U	4.2	2	
Methylene chloride	ND	2	U	ND	2	U	ND	2	U
o-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
o-Xylene	ND	2	U	ND	2	U	ND	2	U
p-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
Tetrachloroethylene	ND	2	U	ND	2	U	ND	2	U
Toluene	ND	2	U	ND	2	U	ND	2	U
trans-1,3-Dichloropropene	ND	2	U	ND	2	U	ND	2	U
Trichloroethylene	ND	2	U	ND	2	U	ND	2	U
Trichlorofluoromethane	ND	2	U	ND	2	U	ND	2	U
Vinyl chloride	ND	2	U	ND	2	U	ND	2	U

FM - 2001 Facility Monitoring Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, Motor Pool Area

	Well ID:102-11 Date:03/14/01 Depth: 52			Well ID:102-11 Date:08/30/01 Depth: 51			Well ID:102-12 Date:03/14/01 Depth: 52		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1-Trichloroethane	24.3	2		6	2		22.3	2	
1,1,2,2-Tetrachloroethane	ND	2	U	ND	2	U	ND	2	U
1,1,2-Trichloroethane	ND	2	U	ND	2	U	ND	2	U
1,1-Dichloroethane	2.8	2		ND	2	U	2.8	2	
1,1-Dichloroethylene	ND	2	U	ND	2	U	ND	2	U
1,2-Dichloroethane	ND	2	U	ND	2	U	ND	2	U
1,2-Dichloropropane	ND	2	U	ND	2	U	ND	2	U
1,3-Dichloropropane	ND	2	U	ND	2	U	ND	2	U
2-Hexanone	ND	2	U	ND	2	U	ND	2	U
Acetone	ND	2	U	ND	2	U	ND	2	U
Benzene	ND	2	U	ND	2	U	ND	2	U
Bromodichloromethane	ND	2	U	ND	2	U	ND	2	U
Bromoform	ND	2	U	ND	2	U	ND	2	U
Carbon tetrachloride	ND	2	U	ND	2	U	ND	2	U
Chlorobenzene	ND	2	U	ND	2	U	ND	2	U
Chloroethane	ND	2	U	ND	2	U	ND	2	U
Chloroform	ND	2	U	ND	2	U	ND	2	U
cis-1,3-Dichloropropene	ND	2	U	ND	2	U	ND	2	U
Dibromochloromethane	ND	2	U	ND	2	U	ND	2	U
Ethene, 1,2-dichloro-, (E)-	ND	2	U	ND	2	U	ND	2	U
Ethylbenzene	ND	2	U	ND	2	U	ND	2	U
m-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
m/p xylene	ND	2	U	ND	2	U	ND	2	U
Methyl bromide	ND	2	U	ND	2	U	ND	2	U
Methyl chloride	ND	2	U	ND	2	U	ND	2	U
Methyl ethyl ketone	ND	2	U	ND	2	U	ND	2	U
Methyl isobutyl ketone (MIBK)	ND	2	U	ND	2	U	ND	2	U
Methyl tert-butyl ether	3.9	2		2.4	2		5.5	2	
Methylene chloride	ND	2	U	ND	2	U	ND	2	U
o-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
o-Xylene	ND	2	U	ND	2	U	ND	2	U
p-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
Tetrachloroethylene	ND	2	U	ND	2	U	ND	2	U
Toluene	ND	2	U	ND	2	U	ND	2	U
trans-1,3-Dichloropropene	ND	2	U	ND	2	U	ND	2	U
Trichloroethylene	ND	2	U	ND	2	U	ND	2	U
Trichlorofluoromethane	ND	2	U	ND	2	U	ND	2	U
Vinyl chloride	ND	2	U	ND	2	U	ND	2	U

FM - 2001 Facility Monitoring Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, Motor Pool Area

	Well ID:102-12 Date:08/30/01 Depth: 51			Well ID:102-13 Date:03/14/01 Depth: 52			Well ID:102-13 Date:08/30/01 Depth: 52		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1-Trichloroethane	77.3	2		31.8	2		7.9	2	
1,1,2,2-Tetrachloroethane	ND	2	U	ND	2	U	ND	2	U
1,1,2-Trichloroethane	ND	2	U	ND	2	U	ND	2	U
1,1-Dichloroethane	14.5	2		2.5	2		ND	2	U
1,1-Dichloroethylene	ND	2	U	ND	2	U	ND	2	U
1,2-Dichloroethane	ND	2	U	ND	2	U	ND	2	U
1,2-Dichloropropane	ND	2	U	ND	2	U	ND	2	U
1,3-Dichloropropane	ND	2	U	ND	2	U	ND	2	U
2-Hexanone	ND	2	U	ND	2	U	ND	2	U
Acetone	ND	2	U	ND	2	U	ND	2	U
Benzene	ND	2	U	ND	2	U	ND	2	U
Bromodichloromethane	ND	2	U	ND	2	U	ND	2	U
Bromoform	ND	2	U	ND	2	U	ND	2	U
Carbon tetrachloride	ND	2	U	ND	2	U	ND	2	U
Chlorobenzene	ND	2	U	ND	2	U	ND	2	U
Chloroethane	ND	2	U	ND	2	U	ND	2	U
Chloroform	ND	2	U	ND	2	U	ND	2	U
cis-1,3-Dichloropropene	ND	2	U	ND	2	U	ND	2	U
Dibromochloromethane	ND	2	U	ND	2	U	ND	2	U
Ethene, 1,2-dichloro-, (E)-	ND	2	U	ND	2	U	ND	2	U
Ethylbenzene	ND	2	U	ND	2	U	ND	2	U
m-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
m/p xylene	ND	2	U	ND	2	U	ND	2	U
Methyl bromide	ND	2	U	ND	2	U	ND	2	U
Methyl chloride	ND	2	U	ND	2	U	ND	2	U
Methyl ethyl ketone	ND	2	U	ND	2	U	ND	2	U
Methyl isobutyl ketone (MIBK)	3.2	2		ND	2	U	ND	2	U
Methyl tert-butyl ether	6.1	2		73.8	2	E	17.3	2	
Methylene chloride	ND	2	U	ND	2	U	ND	2	U
o-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
o-Xylene	ND	2	U	ND	2	U	ND	2	U
p-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
Tetrachloroethylene	ND	2	U	ND	2	U	ND	2	U
Toluene	ND	2	U	ND	2	U	ND	2	U
trans-1,3-Dichloropropene	ND	2	U	ND	2	U	ND	2	U
Trichloroethylene	ND	2	U	ND	2	U	ND	2	U
Trichlorofluoromethane	ND	2	U	ND	2	U	ND	2	U
Vinyl chloride	ND	2	U	ND	2	U	ND	2	U

RHIC FACILITY

ANALYTICAL RESULTS

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, RHIC Facility

	Well ID: 025-03 Date: 02/07/01 Depth: 46				Well ID: 025-03 Date: 08/29/01 Depth: 46				Well ID: 025-04 Date: 02/07/01 Depth: 46			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Beryllium-7												
Bismuth-214									32.6	0	2.32	
Lead-214									32.5	0	2.25	
Potassium-40	27.5	0	10.6						39.1	0	10.8	
Tritium	<MDL	365	217	U	<MDL	323	182	U	<MDL	365	202	U

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, RHIC Facility

	Well ID: 025-04 Date: 08/29/01 Depth: 46				Well ID: 025-05 Date: 02/07/01 Depth: 12				Well ID: 025-05 Date: 08/14/01 Depth: 12			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Beryllium-7												
Bismuth-214									26.4	0	4.45	
Lead-214									19.5	0	3.88	
Potassium-40					43.7	0	16.7		38.3	0	21.7	
Tritium	<MDL	323	184	U	<MDL	365	204	U	<MDL	321	177	U

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, RHIC Facility

	Well ID: 025-06 Date: 02/07/01 Depth: 12				Well ID: 025-06 Date: 08/14/01 Depth: 12				Well ID: 025-07 Date: 02/07/01 Depth: 13			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Beryllium-7												
Bismuth-214					23	0	3.79		13	0	1.67	
Lead-214	9.72	0	1.62		18.9	0	4.1		9.42	0	1.58	
Potassium-40	42.2	0	13.4		28.9	0	21.3		21.8	0	9.92	
Tritium	<MDL	365	199	U	<MDL	321	184	U	<MDL	365	209	U

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, RHIC Facility

	Well ID: 025-07 Date: 08/14/01 Depth: 13				Well ID: 025-08 Date: 02/07/01 Depth: 12				Well ID: 025-08 Date: 08/14/01 Depth: 12			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Beryllium-7												
Bismuth-214									16.3	0	3.99	
Lead-214	15.6	0	3.54		9.31	0	1.56		13.5	0	3.69	
Potassium-40					25.8	0	10					
Tritium	<MDL	321	183	U	<MDL	365	209	U	<MDL	321	181	U

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, RHIC Facility

	Well ID: 034-05 Date: 02/07/01 Depth: 43				Well ID: 034-05 Date: 08/29/01 Depth: 43				Well ID: 034-06 Date: 02/07/01 Depth: 42			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Beryllium-7												
Bismuth-214	10.6	0	1.61									
Lead-214	8.45	0	1.53						14.2	0	1.76	
Potassium-40	24.1	0	10.3						23.6	0	10.9	
Tritium	<MDL	365	207	U	<MDL	323	175	U	<MDL	365	207	U

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, RHIC Facility

	Well ID: 034-06 Date: 08/29/01 Depth: 42				Well ID: 043-01 Date: 02/08/01 Depth: 44				Well ID: 043-01 Date: 08/22/01 Depth: 41			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Beryllium-7												
Bismuth-214												
Lead-214	5.63	0	3.2						8.85	0	3.48	
Potassium-40	28.9	0	22.6		50.1	0	25.3					
Tritium	<MDL	323	182	U	<MDL	305	176	U	<MDL	310	204	U

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, RHIC Facility

	Well ID: 043-02 Date: 02/08/01 Depth: 66				Well ID: 043-02 Date: 08/22/01 Depth: 64				Well ID: 044-13 Date: 02/08/01 Depth: 38			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Beryllium-7									33.8	0	11.5	
Bismuth-214												
Lead-214												
Potassium-40	38.1	0	31.9						35.8	0	23.4	
Tritium	<MDL	305	190	U	<MDL	310	207	U	<MDL	305	187	U

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, RHIC Facility

	Well ID: 044-13 Date: 08/14/01 Depth: 38				Well ID: 044-14 Date: 02/08/01 Depth: 59				Well ID: 044-14 Date: 08/14/01 Depth: 59			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Beryllium-7												
Bismuth-214	20.1	0	3.23						25.5	0	4.18	
Lead-214	17.4	0	3.4						22.3	0	3.67	
Potassium-40	55.1	0	25.2						25.7	0	21.9	
Tritium	<MDL	321	183	U	<MDL	305	189	U	<MDL	321	181	U

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, RHIC Facility

	Well ID: 044-29 Date: 03/16/01 Depth: 35			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.
Beryllium-7				
Bismuth-214				
Lead-214	36.2	0	5.78	
Potassium-40				
Tritium	<MDL	350	224	U

SHOTGUN RANGE

ANALYTICAL RESULTS

EM - 2001 Groundwater Data: Metals
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, Shotgun Range

	Well ID: 046-01 Date: 03/12/01 Depth: 51			Well ID: 046-02 Date: 03/12/01 Depth: 49			Well ID: 046-03 Date: 03/12/01 Depth: 47		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Aluminum	8.06	2.2		6.25	2.2		18.2	2.2	
Antimony	ND	.88	U	ND	.88	U	ND	.88	U
Arsenic	ND	3	U	ND	3	U	ND	3	U
Barium	12.7	1.8		11.8	1.8		15	1.8	
Beryllium	ND	.66	U	ND	.66	U	ND	.66	U
Cadmium	ND	1.1	U	ND	1.1	U	ND	1.1	U
Chromium	ND	1	U	ND	1	U	ND	1	U
Cobalt	ND	.12	U	.24	.12		ND	.12	U
Copper	2.1	2		4.45	2		ND	2	U
Iron	ND	75	U	ND	75	U	ND	75	U
Lead	ND	1.32	U	ND	1.32	U	ND	1.32	U
Manganese	3.4	2		5.12	2		3.28	2	
Mercury	ND	.1	U	ND	.1	U	ND	.1	U
Nickel	ND	1.1	U	ND	1.1	U	ND	1.1	U
Selenium	ND	5	U	ND	5	U	ND	5	U
Silver	ND	1	U	ND	1	U	ND	1	U
Sodium	4970	1000		3800	1000		3390	1000	
Thallium	ND	.66	U	ND	.66	U	ND	.66	U
Vanadium	ND	5.5	U	ND	5.5	U	ND	5.5	U
Zinc	41.6	4		38.4	4		20.2	4	

SERVICE STATION

ANALYTICAL RESULTS

FM - 2001 Facility Monitoring Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, Service Station (Bldg. 630)

	Well ID:085-16 Date:02/16/01 Depth: 45			Well ID:085-16 Date:03/13/01 Depth: 45			Well ID:085-16 Date:05/14/01 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	1	U				ND	.5	U
1,1,1-Trichloroethane	3	1		2.9	2		2	.5	
1,1,2,2-Tetrachloroethane	ND	1	U	ND	2	U	ND	.5	U
1,1,2-Trichloroethane	ND	1	U	ND	2	U	ND	.5	U
1,1-Dichloroethane	ND	1	U	ND	2	U	ND	.5	U
1,1-Dichloroethylene	.78	1	J	.8	2	J	.62	.5	
1,1-Dichloropropene	ND	1	U				ND	.5	U
1,2,3-Trichlorobenzene	ND	1	U				ND	.5	U
1,2,3-Trichloropropane	ND	1	U				ND	.5	U
1,2-Dichloroethane	ND	1	U	ND	2	U	ND	.5	U
1,2-Dichloropropane	ND	1	U	ND	2	U	ND	.5	U
1,3-Dichloropropane	ND	1	U	ND	2	U	ND	.5	U
2,2-Dichloropropane	ND	1	U				ND	.5	U
2-Hexanone				ND	2	U			
Acetone				ND	2	U			
Benzene	ND	1	U	ND	2	U	ND	.5	U
	ND	1	U						
Benzene, 1,2,4-trimethyl	ND	1	U				ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	1	U				ND	.5	U
Benzene, 1-methylethyl-	ND	1	U				ND	.5	U
Bromobenzene	ND	1	U				ND	.5	U
Bromodichloromethane	ND	1	U	ND	2	U	ND	.5	U
Bromoform	ND	1	U	ND	2	U	ND	.5	U
Carbon tetrachloride	1930	10	D	1620	200		1050	10	D
Chlorobenzene	ND	1	U	ND	2	U	ND	.5	U
Chlorobromomethane	ND	1	U				ND	.5	U
Chloroethane	ND	1	U	ND	2	U	ND	.5	U
Chloroform	22.6	1		19.1	2		17.2	.5	
cis-1,2-Dichloroethylene	ND	1	U				ND	.5	U
cis-1,3-Dichloropropene	ND	1	U	ND	2	U	ND	.5	U
Cymene	ND	1	U				ND	.5	U
DBCP	ND	1	U				ND	.5	U
Dibromochloromethane	ND	1	U	ND	2	U	ND	.5	U
Dibromomethane	ND	1	U				ND	.5	U
Dichlorodifluoromethane	ND	1	U				ND	.5	U
EDB	ND	1	U				ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	1	U	ND	2	U	ND	.5	U
Ethylbenzene	1	1	J	ND	2	U	ND	.5	U
	ND	1	U						
m-Dichlorobenzene	ND	1	U	ND	2	U	ND	.5	U
m/p xylene	ND	1	U	ND	2	U	ND	.5	U
Methyl bromide	ND	1	U	ND	2	U	ND	.5	U
Methyl chloride	ND	1	U	ND	2	U	ND	.5	U
Methyl ethyl ketone				ND	2	U			
Methyl isobutyl ketone (MIBK)				ND	2	U			
Methyl tert-butyl ether	ND	5	U	.8	2	J	1	.5	
Methylene chloride	ND	1	U	ND	2	U	ND	.5	U
n-Butylbenzene	ND	1	U				ND	.5	U
n-Propylbenzene	ND	1	U				ND	.5	U
o-Chlorotoluene	ND	1	U				ND	.5	U
o-Dichlorobenzene	ND	1	U	ND	2	U	ND	.5	U
o-Xylene	ND	1	U	ND	2	U	ND	.5	U
p-Chlorotoluene	ND	1	U				ND	.5	U
p-Dichlorobenzene	ND	1	U	ND	2	U	ND	.5	U
sec-Butylbenzene	ND	1	U				ND	.5	U
Styrene	ND	1	U				ND	.5	U
tert-Butylbenzene	ND	1	U				ND	.5	U
Tetrachloroethylene	2	1		1.6	2	J	2.1	.5	
Toluene	ND	1	U	ND	2	U	ND	.5	U
	ND	1	UJ						
trans-1,3-Dichloropropene	ND	1	U	ND	2	U	ND	.5	U
Trichloroethylene	ND	1	U	ND	2	U	ND	.5	U
Trichlorofluoromethane	ND	1	U	ND	2	U	ND	.5	U
Vinyl chloride	ND	1	U	ND	2	U	ND	.5	U
Xylene (total)	1.3	3	J						

FM - 2001 Facility Monitoring Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, Service Station (Bldg. 630)

	Well ID:085-16 Date:08/08/01 Depth: 45			Well ID:085-16 Date:09/17/01 Depth: 45			Well ID:085-16 Date:10/30/01 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	.39	.5	J	.6	2	J	.88	.5	
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	ND	.5	U	ND	2	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	ND	2	U	.29	.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-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
2-Hexanone				ND	2	U			
Acetone				ND	2	U			
Benzene	ND	.5	U	ND	2	U	ND	.5	U
Benzene, 1,2,4-trimethyl	2.6	.5					ND	.5	U
Benzene, 1,3,5-trimethyl-	1.3	.5					ND	.5	U
Benzene, 1-methylethyl-	.38	.5	J				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	1760	25	D	1210	200	D	628	5	D
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	43.4	.5		23.9	2		10.5	.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
m-Dichlorobenzene	ND	.5	U	ND	2	U	ND	.5	U
m/p xylene	9.5	.5		3.2	2		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 ethyl ketone				ND	2	U			
Methyl isobutyl ketone (MIBK)				ND	2	U			
Methyl tert-butyl ether	.94	.5		ND	2	U	.65	.5	
Methylene chloride	.45	.5	JB	ND	2	U	ND	.5	U
n-Butylbenzene	ND	.5	U				ND	.5	U
n-Propylbenzene	.25	.5	J				ND	.5	U
o-Chlorotoluene	ND	.5	U				ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	2	U	ND	.5	U
o-Xylene	11.6	.5		5.1	2		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	7	.5		3.5	2		1.8	.5	
Toluene	ND	.7	U	ND	2	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	2	U	ND	.5	U
Trichloroethylene	.27	.5	J	ND	2	U	.25	.5	J
Trichlorofluoromethane	ND	.5	U	ND	2	U	ND	.5	U
Vinyl chloride	ND	.5	U	ND	2	U	ND	.5	U
Xylene (total)									

FM - 2001 Facility Monitoring Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, Service Station (Bldg. 630)

	Well ID:085-17 Date:02/16/01 Depth: 45			Well ID:085-17 Date:03/13/01 Depth: 45			Well ID:085-17 Date:05/14/01 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	25	U				ND	.5	U
1,1,1-Trichloroethane	ND	25	U	ND	2	U	.62	.5	
1,1,2,2-Tetrachloroethane	ND	25	U	ND	2	U	ND	.5	U
1,1,2-Trichloroethane	ND	25	U	.6	2	J	ND	.5	U
1,1-Dichloroethane	ND	25	U	ND	2	U	ND	.5	U
1,1-Dichloroethylene	ND	25	U	ND	2	U	ND	.5	U
1,1-Dichloropropene	ND	25	U				ND	.5	U
1,2,3-Trichlorobenzene	ND	25	U				ND	.5	U
1,2,3-Trichloropropane	ND	25	U				ND	.5	U
1,2-Dichloroethane	ND	25	U	ND	2	U	ND	.5	U
1,2-Dichloropropane	ND	25	U	ND	2	U	ND	.5	U
1,3-Dichloropropane	ND	25	U	ND	2	U	ND	.5	U
2,2-Dichloropropane	ND	25	U				ND	.5	U
2-Hexanone				ND	2	U			
Acetone				ND	2	U			
Benzene	ND	1	U	ND	2	U	ND	.5	U
	ND	25	U						
Benzene, 1,2,4-trimethyl	ND	25	U				ND	.5	U
Benzene, 1,3,5-trimethyl-	ND	25	U				ND	.5	U
Benzene, 1-methylethyl-	ND	25	U				ND	.5	U
Bromobenzene	ND	25	U				ND	.5	U
Bromodichloromethane	ND	25	U	ND	2	U	ND	.5	U
Bromoform	ND	25	U	ND	2	U	ND	.5	U
Carbon tetrachloride	3760	25		2350	200		1180	10	D
Chlorobenzene	ND	25	U	ND	2	U	ND	.5	U
Chlorobromomethane	ND	25	U				ND	.5	U
Chloroethane	ND	25	U	ND	2	U	ND	.5	U
Chloroform	49.6	25		25.5	2		11.4	.5	
cis-1,2-Dichloroethylene	ND	25	U				ND	.5	U
cis-1,3-Dichloropropene	ND	25	U	ND	2	U	ND	.5	U
Cymene	ND	25	U				ND	.5	U
DBCP	ND	25	U				ND	.5	U
Dibromochloromethane	ND	25	U	ND	2	U	ND	.5	U
Dibromomethane	ND	25	U				ND	.5	U
Dichlorodifluoromethane	ND	25	U				ND	.5	U
EDB	ND	25	U				ND	.5	U
Ethene, 1,2-dichloro-, (E)-	ND	25	U	ND	2	U	ND	.5	U
Ethylbenzene	25	1	J	ND	2	U	ND	.5	U
	ND	25	U						
m-Dichlorobenzene	ND	25	U	ND	2	U	ND	.5	U
m/p xylene	ND	25	U	ND	2	U	ND	.5	U
Methyl bromide	ND	25	U	ND	2	U	ND	.5	U
Methyl chloride	ND	25	U	ND	2	U	ND	.5	U
Methyl ethyl ketone				ND	2	U			
Methyl isobutyl ketone (MIBK)				ND	2	U			
Methyl tert-butyl ether	1.1	5	J	.6	2	J	2.2	.5	
Methylene chloride	19.1	25	J	ND	2	U	ND	.5	U
n-Butylbenzene	ND	25	U				ND	.5	U
n-Propylbenzene	ND	25	U				ND	.5	U
o-Chlorotoluene	ND	25	U				ND	.5	U
o-Dichlorobenzene	ND	25	U	ND	2	U	ND	.5	U
o-Xylene	ND	25	U	ND	2	U	ND	.5	U
p-Chlorotoluene	ND	25	U				ND	.5	U
p-Dichlorobenzene	ND	25	U	ND	2	U	ND	.5	U
sec-Butylbenzene	ND	25	U				ND	.5	U
Styrene	ND	25	U				ND	.5	U
tert-Butylbenzene	ND	25	U				ND	.5	U
Tetrachloroethylene	ND	25	U	9.8	2		5	.5	
Toluene	25	1	J	ND	2	U	ND	.5	U
	ND	25	U						
trans-1,3-Dichloropropene	ND	25	U	ND	2	U	ND	.5	U
Trichloroethylene	ND	25	U	ND	2	U	ND	.5	U
Trichlorofluoromethane	ND	25	U	ND	2	U	ND	.5	U
Vinyl chloride	ND	25	U	ND	2	U	ND	.5	U
Xylene (total)	7.2	3	J						

FM - 2001 Facility Monitoring Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, Service Station (Bldg. 630)

	Well ID:085-17 Date:08/08/01 Depth: 43			Well ID:085-17 Date:09/17/01 Depth: 45			Well ID:085-17 Date:10/30/01 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	.48	.5	J	ND	2	U	.42	.5	J
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	ND	.5	U	ND	2	U	ND	.5	U
1,1-Dichloroethylene	ND	.5	U	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-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
2-Hexanone				ND	2	U			
Acetone				ND	2	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	710	10	D	607	200	D	602	5	D
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	12.8	.5		14.1	2		16.3	.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
m-Dichlorobenzene	ND	.5	U	ND	2	U	ND	.5	U
m/p xylene	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 ethyl ketone				ND	2	U			
Methyl isobutyl ketone (MIBK)				ND	2	U			
Methyl tert-butyl ether	1.1	.5		ND	2	U	2.9	.5	
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
o-Chlorotoluene	ND	.5	U				ND	.5	U
o-Dichlorobenzene	ND	.5	U	ND	2	U	ND	.5	U
o-Xylene	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	4.2	.5		3.3	2		4.3	.5	
Toluene	ND	.5	U	ND	2	U	ND	.5	U
trans-1,3-Dichloropropene	ND	.5	U	ND	2	U	ND	.5	U
Trichloroethylene	ND	.5	U	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
Xylene (total)									

FM - 2001 Facility Monitoring Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, Service Station (Bldg. 630)

	Well ID:085-235 Date:03/13/01 Depth: 43			Well ID:085-235 Date:09/17/01 Depth: 43			Well ID:085-236 Date:03/13/01 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									
1,1,1-Trichloroethane	ND	2	U	ND	2	U	.8	2	J
1,1,2,2-Tetrachloroethane	ND	2	U	ND	2	U	ND	2	U
1,1,2-Trichloroethane	ND	2	U	ND	2	U	ND	2	U
1,1-Dichloroethane	ND	2	U	ND	2	U	ND	2	U
1,1-Dichloroethylene	ND	2	U	ND	2	U	ND	2	U
1,1-Dichloropropene									
1,2,3-Trichlorobenzene									
1,2,3-Trichloropropane									
1,2-Dichloroethane	ND	2	U	ND	2	U	ND	2	U
1,2-Dichloropropane	ND	2	U	ND	2	U	ND	2	U
1,3-Dichloropropane	ND	2	U	ND	2	U	ND	2	U
2,2-Dichloropropane									
2-Hexanone	ND	2	U	ND	2	U	ND	2	U
Acetone	ND	2	U	ND	2	U	ND	2	U
Benzene	ND	2	U	ND	2	U	ND	2	U
Benzene, 1,2,4-trimethyl									
Benzene, 1,3,5-trimethyl-									
Benzene, 1-methylethyl-									
Bromobenzene									
Bromodichloromethane	ND	2	U	ND	2	U	ND	2	U
Bromoform	ND	2	U	ND	2	U	ND	2	U
Carbon tetrachloride	92.5	10		151	40	D	394	100	
Chlorobenzene	ND	2	U	ND	2	U	ND	2	U
Chlorobromomethane									
Chloroethane	ND	2	U	ND	2	U	ND	2	U
Chloroform	3.1	2		10.8	2		10.7	2	
cis-1,2-Dichloroethylene									
cis-1,3-Dichloropropene	ND	2	U	ND	2	U	ND	2	U
Cymene									
DBCP									
Dibromochloromethane	ND	2	U	ND	2	U	ND	2	U
Dibromomethane									
Dichlorodifluoromethane									
EDB									
Ethene, 1,2-dichloro-, (E)-	ND	2	U	ND	2	U	ND	2	U
Ethylbenzene	ND	2	U	ND	2	U	ND	2	U
m-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
m/p xylene	ND	2	U	ND	2	U	ND	2	U
Methyl bromide	ND	2	U	ND	2	U	ND	2	U
Methyl chloride	ND	2	U	ND	2	U	ND	2	U
Methyl ethyl ketone	ND	2	U	ND	2	U	ND	2	U
Methyl isobutyl ketone (MIBK)	ND	2	U	ND	2	U	ND	2	U
Methyl tert-butyl ether	.9	2	J	ND	2	U	4.1	2	
Methylene chloride	ND	2	U	ND	2	U	ND	2	U
n-Butylbenzene									
n-Propylbenzene									
o-Chlorotoluene									
o-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
o-Xylene	ND	2	U	ND	2	U	ND	2	U
p-Chlorotoluene									
p-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
sec-Butylbenzene									
Styrene									
tert-Butylbenzene									
Tetrachloroethylene	ND	2	U	.5	2	J	4.9	2	
Toluene	ND	2	U	ND	2	U	ND	2	U
trans-1,3-Dichloropropene	ND	2	U	ND	2	U	ND	2	U
Trichloroethylene	ND	2	U	ND	2	U	ND	2	U
Trichlorofluoromethane	ND	2	U	ND	2	U	ND	2	U
Vinyl chloride	ND	2	U	ND	2	U	ND	2	U
Xylene (total)									

FM - 2001 Facility Monitoring Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, Service Station (Bldg. 630)

	Well ID:085-236 Date:09/17/01 Depth: 43			Well ID:085-237 Date:03/13/01 Depth: 43			Well ID:085-237 Date:09/17/01 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									
1,1,1-Trichloroethane	.8	2	J	ND	2	U	ND	2	U
1,1,2,2-Tetrachloroethane	ND	2	U	ND	2	U	ND	2	U
1,1,2-Trichloroethane	ND	2	U	ND	2	U	ND	2	U
1,1-Dichloroethane	ND	2	U	ND	2	U	ND	2	U
1,1-Dichloroethylene	ND	2	U	ND	2	U	ND	2	U
1,1-Dichloropropene									
1,2,3-Trichlorobenzene									
1,2,3-Trichloropropane									
1,2-Dichloroethane	ND	2	U	ND	2	U	ND	2	U
1,2-Dichloropropane	ND	2	U	ND	2	U	ND	2	U
1,3-Dichloropropane	ND	2	U	ND	2	U	ND	2	U
2,2-Dichloropropane									
2-Hexanone	ND	2	U	ND	2	U	ND	2	U
Acetone	ND	2	U	ND	2	U	ND	2	U
Benzene	ND	2	U	ND	2	U	ND	2	U
Benzene, 1,2,4-trimethyl									
Benzene, 1,3,5-trimethyl-									
Benzene, 1-methylethyl-									
Bromobenzene									
Bromodichloromethane	ND	2	U	ND	2	U	ND	2	U
Bromoform	ND	2	U	ND	2	U	ND	2	U
Carbon tetrachloride	280	40	D	390	100		202	40	D
Chlorobenzene	ND	2	U	ND	2	U	ND	2	U
Chlorobromomethane									
Chloroethane	ND	2	U	ND	2	U	ND	2	U
Chloroform	12.1	2		7.4	2		9.2	2	
cis-1,2-Dichloroethylene									
cis-1,3-Dichloropropene	ND	2	U	ND	2	U	ND	2	U
Cymene									
DBCP									
Dibromochloromethane	ND	2	U	ND	2	U	ND	2	U
Dibromomethane									
Dichlorodifluoromethane									
EDB									
Ethene, 1,2-dichloro-, (E)-	ND	2	U	ND	2	U	ND	2	U
Ethylbenzene	ND	2	U	ND	2	U	ND	2	U
m-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
m/p xylene	ND	2	U	ND	2	U	ND	2	U
Methyl bromide	ND	2	U	ND	2	U	ND	2	U
Methyl chloride	ND	2	U	ND	2	U	ND	2	U
Methyl ethyl ketone	ND	2	U	ND	2	U	ND	2	U
Methyl isobutyl ketone (MIBK)	ND	2	U	ND	2	U	ND	2	U
Methyl tert-butyl ether	55.6	40	D	1.4	2	J	64	40	D
Methylene chloride	ND	2	U	ND	2	U	ND	2	U
n-Butylbenzene									
n-Propylbenzene									
o-Chlorotoluene									
o-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
o-Xylene	ND	2	U	ND	2	U	ND	2	U
p-Chlorotoluene									
p-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
sec-Butylbenzene									
Styrene									
tert-Butylbenzene									
Tetrachloroethylene	4.6	2		1.1	2	J	2.2	2	
Toluene	ND	2	U	ND	2	U	ND	2	U
trans-1,3-Dichloropropene	ND	2	U	ND	2	U	ND	2	U
Trichloroethylene	ND	2	U	ND	2	U	ND	2	U
Trichlorofluoromethane	ND	2	U	ND	2	U	ND	2	U
Vinyl chloride	ND	2	U	ND	2	U	ND	2	U
Xylene (total)									

SEWAGE TREATMENT PLANT AND PECONIC RIVER

ANALYTICAL RESULTS

FM - 2001 Facility Monitoring Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, STP and Peconic River

	Well ID:038-02 Date:06/07/01 Depth: 21			Well ID:038-02 Date:12/10/01 Depth: 18			Well ID:038-03 Date:06/12/01 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	2	U	ND	2	U			
1,1,1-Trichloroethane	ND	2	U	ND	2	U	ND	2	U
1,1,2,2-Tetrachloroethane	ND	2	U	ND	2	U	ND	2	U
1,1,2-Trichloroethane	ND	2	U	ND	2	U	ND	2	U
1,1-Dichloroethane	ND	2	U	ND	2	U	ND	2	U
1,1-Dichloroethylene	ND	2	U	ND	2	U	ND	2	U
1,1-Dichloropropene	ND	2	U	ND	2	U			
1,2,3-Trichlorobenzene	ND	2	U	ND	2	U			
1,2,3-Trichloropropane	ND	2	U	ND	2	U			
1,2-Dichloroethane	ND	2	U	ND	2	U	ND	2	U
1,2-Dichloropropane	ND	2	U	ND	2	U	ND	2	U
1,3-Dichloropropane	ND	2	U	ND	2	U	ND	2	U
2,2-Dichloropropane	ND	2	U	ND	2	U			
2-Hexanone							ND	2	U
Acetone							ND	2	U
Benzene	ND	2	U	ND	2	U	ND	2	U
Benzene, 1,2,4-trimethyl	ND	2	U	ND	2	U			
Benzene, 1,3,5-trimethyl-	ND	2	U	ND	2	U			
Benzene, 1-methylethyl-	ND	2	U	ND	2	U			
Bromobenzene	ND	2	U	ND	2	U			
Bromodichloromethane	ND	2	U	ND	2	U	ND	2	U
Bromoform	ND	2	U	ND	2	U	ND	2	U
Carbon tetrachloride	ND	2	U	ND	2	U	ND	2	U
Chlorobenzene	ND	2	U	ND	2	U	ND	2	U
Chlorobromomethane	ND	2	U	ND	2	U			
Chloroethane	ND	2	U	ND	2	U	ND	2	U
Chloroform	ND	2	U	ND	2	U	ND	2	U
cis-1,2-Dichloroethylene	ND	2	U	ND	2	U			
cis-1,3-Dichloropropene	ND	2	U	ND	2	U	ND	2	U
Cymene	ND	2	U	ND	2	U			
DBCP	ND	2	UJ	ND	2	UJ			
Dibromochloromethane	ND	2	U	ND	2	U	ND	2	U
Dibromomethane	ND	2	U	ND	2	U			
Dichlorodifluoromethane	ND	2	U	ND	2	U			
EDB	ND	2	U	ND	2	U			
Ethene, 1,2-dichloro-, (E)-	ND	2	U	ND	2	U	ND	2	U
Ethylbenzene	ND	2	U	ND	2	U	ND	2	U
m-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
m/p xylene	ND	2	U	ND	2	U	ND	2	U
Methyl bromide	ND	2	U	ND	2	U	ND	2	U
Methyl chloride	ND	2	U	ND	2	U	ND	2	U
Methyl ethyl ketone							ND	2	U
Methyl isobutyl ketone (MIBK)							ND	2	U
Methyl tert-butyl ether	ND	2	U	ND	2	U	ND	2	U
Methylene chloride	ND	2	U	ND	2	U	ND	2	U
n-Butylbenzene	ND	2	U	ND	2	U			
n-Propylbenzene	ND	2	U	ND	2	U			
o-Chlorotoluene	ND	2	U	ND	2	U			
o-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
o-Xylene	ND	2	U	ND	2	U	ND	2	U
p-Chlorotoluene	ND	2	U	ND	2	U			
p-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
sec-Butylbenzene	ND	2	U	ND	2	U			
Styrene	ND	2	U	ND	2	U			
tert-Butylbenzene	ND	2	U	ND	2	U			
Tetrachloroethylene	ND	2	U	ND	2	U	ND	2	U
Toluene	ND	2	U	ND	2	U	ND	2	U
trans-1,3-Dichloropropene	ND	2	U	ND	2	U	ND	2	U
Trichloroethylene	ND	2	U	ND	2	U	ND	2	U
Trichlorofluoromethane	ND	2	U	ND	2	U	ND	2	U
Vinyl chloride	ND	2	U	ND	2	U	ND	2	U

FM - 2001 Facility Monitoring Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, STP and Peconic River

	Well ID:038-03 Date:12/12/01 Depth: 13			Well ID:039-07 Date:06/07/01 Depth: 20			Well ID:039-07 Date:12/10/01 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	2	U	ND	2	U	ND	2	U
1,1,1-Trichloroethane	ND	2	U	ND	2	U	ND	2	U
1,1,2,2-Tetrachloroethane	ND	2	U	ND	2	U	ND	2	U
1,1,2-Trichloroethane	ND	2	U	ND	2	U	ND	2	U
1,1-Dichloroethane	ND	2	U	ND	2	U	ND	2	U
1,1-Dichloroethylene	ND	2	U	ND	2	U	ND	2	U
1,1-Dichloropropene	ND	2	U	ND	2	U	ND	2	U
1,2,3-Trichlorobenzene	ND	2	U	ND	2	U	ND	2	U
1,2,3-Trichloropropane	ND	2	U	ND	2	U	ND	2	U
1,2-Dichloroethane	ND	2	U	ND	2	U	ND	2	U
1,2-Dichloropropane	ND	2	U	ND	2	U	ND	2	U
1,3-Dichloropropane	ND	2	U	ND	2	U	ND	2	U
2,2-Dichloropropane	ND	2	U	ND	2	U	ND	2	U
2-Hexanone									
Acetone									
Benzene	ND	2	U	ND	2	U	ND	2	U
Benzene, 1,2,4-trimethyl	ND	2	U	ND	2	U	ND	2	U
Benzene, 1,3,5-trimethyl-	ND	2	U	ND	2	U	ND	2	U
Benzene, 1-methylethyl-	ND	2	U	ND	2	U	ND	2	U
Bromobenzene	ND	2	U	ND	2	U	ND	2	U
Bromodichloromethane	ND	2	U	ND	2	U	ND	2	U
Bromoform	ND	2	U	ND	2	U	ND	2	U
Carbon tetrachloride	ND	2	U	ND	2	U	ND	2	U
Chlorobenzene	ND	2	U	ND	2	U	ND	2	U
Chlorobromomethane	ND	2	U	ND	2	U	ND	2	U
Chloroethane	ND	2	U	ND	2	U	ND	2	U
Chloroform	ND	2	U	ND	2	U	ND	2	U
cis-1,2-Dichloroethylene	ND	2	U	ND	2	U	ND	2	U
cis-1,3-Dichloropropene	ND	2	U	ND	2	U	ND	2	U
Cymene	ND	2	U	ND	2	U	ND	2	U
DBCP	ND	2	UJ	ND	2	UJ	ND	2	UJ
Dibromochloromethane	ND	2	U	ND	2	U	ND	2	U
Dibromomethane	ND	2	U	ND	2	U	ND	2	U
Dichlorodifluoromethane	ND	2	U	ND	2	U	ND	2	U
EDB	ND	2	U	ND	2	U	ND	2	U
Ethene, 1,2-dichloro-, (E)-	ND	2	U	ND	2	U	ND	2	U
Ethylbenzene	ND	2	U	ND	2	U	ND	2	U
m-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
m/p xylene	ND	2	U	ND	2	U	ND	2	U
Methyl bromide	ND	2	U	ND	2	U	ND	2	U
Methyl chloride	ND	2	U	ND	2	U	ND	2	U
Methyl ethyl ketone									
Methyl isobutyl ketone (MIBK)									
Methyl tert-butyl ether	ND	2	U	ND	2	U	ND	2	U
Methylene chloride	ND	2	U	ND	2	U	ND	2	U
n-Butylbenzene	ND	2	U	ND	2	U	ND	2	U
n-Propylbenzene	ND	2	U	ND	2	U	ND	2	U
o-Chlorotoluene	ND	2	U	ND	2	U	ND	2	U
o-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
o-Xylene	ND	2	U	ND	2	U	ND	2	U
p-Chlorotoluene	ND	2	U	ND	2	U	ND	2	U
p-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
sec-Butylbenzene	ND	2	U	ND	2	U	ND	2	U
Styrene	ND	2	U	ND	2	U	ND	2	U
tert-Butylbenzene	ND	2	U	ND	2	U	ND	2	U
Tetrachloroethylene	ND	2	U	ND	2	U	ND	2	U
Toluene	ND	2	U	ND	2	U	ND	2	U
trans-1,3-Dichloropropene	ND	2	U	ND	2	U	ND	2	U
Trichloroethylene	ND	2	U	ND	2	U	ND	2	U
Trichlorofluoromethane	ND	2	U	ND	2	U	ND	2	U
Vinyl chloride	ND	2	U	ND	2	U	ND	2	U

FM - 2001 Facility Monitoring Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, STP and Peconic River

	Well ID:039-08 Date:06/12/01 Depth: 22			Well ID:039-08 Date:12/12/01 Depth: 22			Well ID:039-86 Date:06/07/01 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	2	U	ND	2	U
1,1,1-Trichloroethane	ND	2	U	ND	2	U	ND	2	U
1,1,2,2-Tetrachloroethane	ND	2	U	ND	2	U	ND	2	U
1,1,2-Trichloroethane	ND	2	U	ND	2	U	ND	2	U
1,1-Dichloroethane	ND	2	U	ND	2	U	ND	2	U
1,1-Dichloroethylene	ND	2	U	ND	2	U	ND	2	U
1,1-Dichloropropene				ND	2	U	ND	2	U
1,2,3-Trichlorobenzene				ND	2	U	ND	2	U
1,2,3-Trichloropropane				ND	2	U	ND	2	U
1,2-Dichloroethane	ND	2	U	ND	2	U	ND	2	U
1,2-Dichloropropane	ND	2	U	ND	2	U	ND	2	U
1,3-Dichloropropane	ND	2	U	ND	2	U	ND	2	U
2,2-Dichloropropane				ND	2	U	ND	2	U
2-Hexanone	ND	2	U						
Acetone	ND	2	U						
Benzene	ND	2	U	ND	2	U	ND	2	U
Benzene, 1,2,4-trimethyl				ND	2	U	ND	2	U
Benzene, 1,3,5-trimethyl-				ND	2	U	ND	2	U
Benzene, 1-methylethyl-				ND	2	U	ND	2	U
Bromobenzene				ND	2	U	ND	2	U
Bromodichloromethane	ND	2	U	ND	2	U	ND	2	U
Bromoform	ND	2	U	ND	2	U	ND	2	U
Carbon tetrachloride	ND	2	U	ND	2	U	ND	2	U
Chlorobenzene	ND	2	U	ND	2	U	ND	2	U
Chlorobromomethane				ND	2	U	ND	2	U
Chloroethane	ND	2	U	ND	2	U	ND	2	U
Chloroform	ND	2	U	ND	2	U	ND	2	U
cis-1,2-Dichloroethylene				ND	2	U	ND	2	U
cis-1,3-Dichloropropene	ND	2	U	ND	2	U	ND	2	U
Cymene				ND	2	U	ND	2	U
DBCP				ND	2	UJ	ND	2	UJ
Dibromochloromethane	ND	2	U	ND	2	U	ND	2	U
Dibromomethane				ND	2	U	ND	2	U
Dichlorodifluoromethane				ND	2	U	ND	2	U
EDB				ND	2	U	ND	2	U
Ethene, 1,2-dichloro-, (E)-	ND	2	U	ND	2	U	ND	2	U
Ethylbenzene	ND	2	U	ND	2	U	ND	2	U
m-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
m/p xylene	ND	2	U	ND	2	U	ND	2	U
Methyl bromide	ND	2	U	ND	2	U	ND	2	U
Methyl chloride	ND	2	U	ND	2	U	ND	2	U
Methyl ethyl ketone	ND	2	U						
Methyl isobutyl ketone (MIBK)	ND	2	U						
Methyl tert-butyl ether	ND	2	U	ND	2	U	ND	2	U
Methylene chloride	ND	2	U	ND	2	U	ND	2	U
n-Butylbenzene				ND	2	U	ND	2	U
n-Propylbenzene				ND	2	U	ND	2	U
o-Chlorotoluene				ND	2	U	ND	2	U
o-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
o-Xylene	ND	2	U	ND	2	U	ND	2	U
p-Chlorotoluene				ND	2	U	ND	2	U
p-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
sec-Butylbenzene				ND	2	U	ND	2	U
Styrene				ND	2	U	ND	2	U
tert-Butylbenzene				ND	2	U	ND	2	U
Tetrachloroethylene	ND	2	U	ND	2	U	ND	2	U
Toluene	ND	2	U	ND	2	U	ND	2	U
trans-1,3-Dichloropropene	ND	2	U	ND	2	U	ND	2	U
Trichloroethylene	ND	2	U	ND	2	U	ND	2	U
Trichlorofluoromethane	ND	2	U	ND	2	U	ND	2	U
Vinyl chloride	ND	2	U	ND	2	U	ND	2	U

FM - 2001 Facility Monitoring Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, STP and Peconic River

	Well ID:039-86 Date:12/10/01 Depth: 20			Well ID:039-87 Date:06/12/01 Depth: 19			Well ID:039-87 Date:12/12/01 Depth: 19		
Analyte	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	U				ND	2	U
1,1,1-Trichloroethane	ND	2	U	ND	2	U	ND	2	U
1,1,2,2-Tetrachloroethane	ND	2	U	ND	2	U	ND	2	U
1,1,2-Trichloroethane	ND	2	U	ND	2	U	ND	2	U
1,1-Dichloroethane	ND	2	U	ND	2	U	ND	2	U
1,1-Dichloroethylene	ND	2	U	ND	2	U	ND	2	U
1,1-Dichloropropene	ND	2	U				ND	2	U
1,2,3-Trichlorobenzene	ND	2	U				ND	2	U
1,2,3-Trichloropropane	ND	2	U				ND	2	U
1,2-Dichloroethane	ND	2	U	ND	2	U	ND	2	U
1,2-Dichloropropane	ND	2	U	ND	2	U	ND	2	U
1,3-Dichloropropane	ND	2	U	ND	2	U	ND	2	U
2,2-Dichloropropane	ND	2	U				ND	2	U
2-Hexanone				ND	2	U			
Acetone				ND	2	U			
Benzene	ND	2	U	ND	2	U	ND	2	U
Benzene, 1,2,4-trimethyl	ND	2	U				ND	2	U
Benzene, 1,3,5-trimethyl-	ND	2	U				ND	2	U
Benzene, 1-methylethyl-	ND	2	U				ND	2	U
Bromobenzene	ND	2	U				ND	2	U
Bromodichloromethane	ND	2	U	ND	2	U	ND	2	U
Bromoform	ND	2	U	ND	2	U	ND	2	U
Carbon tetrachloride	ND	2	U	ND	2	U	ND	2	U
Chlorobenzene	ND	2	U	ND	2	U	ND	2	U
Chlorobromomethane	ND	2	U				ND	2	U
Chloroethane	ND	2	U	ND	2	U	ND	2	U
Chloroform	ND	2	U	ND	2	U	ND	2	U
cis-1,2-Dichloroethylene	ND	2	U				ND	2	U
cis-1,3-Dichloropropene	ND	2	U	ND	2	U	ND	2	U
Cymene	ND	2	U				ND	2	U
DBCP	ND	2	UJ				ND	2	UJ
Dibromochloromethane	ND	2	U	ND	2	U	ND	2	U
Dibromomethane	ND	2	U				ND	2	U
Dichlorodifluoromethane	ND	2	U				ND	2	U
EDB	ND	2	U				ND	2	U
Ethene, 1,2-dichloro-, (E)-	ND	2	U	ND	2	U	ND	2	U
Ethylbenzene	ND	2	U	ND	2	U	ND	2	U
m-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
m/p xylene	ND	2	U	ND	2	U	ND	2	U
Methyl bromide	ND	2	U	ND	2	U	ND	2	U
Methyl chloride	ND	2	U	ND	2	U	ND	2	U
Methyl ethyl ketone				ND	2	U			
Methyl isobutyl ketone (MIBK)				ND	2	U			
Methyl tert-butyl ether	ND	2	U	ND	2	U	ND	2	U
Methylene chloride	ND	2	U	ND	2	U	ND	2	U
n-Butylbenzene	ND	2	U				ND	2	U
n-Propylbenzene	ND	2	U				ND	2	U
o-Chlorotoluene	ND	2	U				ND	2	U
o-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
o-Xylene	ND	2	U	ND	2	U	ND	2	U
p-Chlorotoluene	ND	2	U				ND	2	U
p-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
sec-Butylbenzene	ND	2	U				ND	2	U
Styrene	ND	2	U				ND	2	U
tert-Butylbenzene	ND	2	U				ND	2	U
Tetrachloroethylene	ND	2	U	ND	2	U	ND	2	U
Toluene	ND	2	U	ND	2	U	ND	2	U
trans-1,3-Dichloropropene	ND	2	U	ND	2	U	ND	2	U
Trichloroethylene	ND	2	U	ND	2	U	ND	2	U
Trichlorofluoromethane	ND	2	U	ND	2	U	ND	2	U
Vinyl chloride	ND	2	U	ND	2	U	ND	2	U

FM - 2001 Facility Monitoring Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, STP and Peconic River

	Well ID:039-88 Date:06/12/01 Depth: 24			Well ID:039-88 Date:12/12/01 Depth: 24			Well ID:039-89 Date:06/12/01 Depth: 23		
Analyte	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	U			
1,1,1-Trichloroethane	ND	2	U	ND	2	U	ND	2	U
1,1,2,2-Tetrachloroethane	ND	2	U	ND	2	U	ND	2	U
1,1,2-Trichloroethane	ND	2	U	ND	2	U	ND	2	U
1,1-Dichloroethane	ND	2	U	ND	2	U	ND	2	U
1,1-Dichloroethylene	ND	2	U	ND	2	U	ND	2	U
1,1-Dichloropropene				ND	2	U			
1,2,3-Trichlorobenzene				ND	2	U			
1,2,3-Trichloropropane				ND	2	U			
1,2-Dichloroethane	ND	2	U	ND	2	U	ND	2	U
1,2-Dichloropropane	ND	2	U	ND	2	U	ND	2	U
1,3-Dichloropropane	ND	2	U	ND	2	U	ND	2	U
2,2-Dichloropropane				ND	2	U			
2-Hexanone	ND	2	U				ND	2	U
Acetone	ND	2	U				ND	2	U
Benzene	ND	2	U	ND	2	U	ND	2	U
Benzene, 1,2,4-trimethyl				ND	2	U			
Benzene, 1,3,5-trimethyl-				ND	2	U			
Benzene, 1-methylethyl-				ND	2	U			
Bromobenzene				ND	2	U			
Bromodichloromethane	ND	2	U	ND	2	U	ND	2	U
Bromoform	ND	2	U	ND	2	U	ND	2	U
Carbon tetrachloride	ND	2	U	ND	2	U	ND	2	U
Chlorobenzene	ND	2	U	ND	2	U	ND	2	U
Chlorobromomethane				ND	2	U			
Chloroethane	ND	2	U	ND	2	U	ND	2	U
Chloroform	ND	2	U	ND	2	U	ND	2	U
cis-1,2-Dichloroethylene				ND	2	U			
cis-1,3-Dichloropropene	ND	2	U	ND	2	U	ND	2	U
Cymene				ND	2	U			
DBCP				ND	2	UJ			
Dibromochloromethane	ND	2	U	ND	2	U	ND	2	U
Dibromomethane				ND	2	U			
Dichlorodifluoromethane				ND	2	U			
EDB				ND	2	U			
Ethene, 1,2-dichloro-, (E)-	ND	2	U	ND	2	U	ND	2	U
Ethylbenzene	ND	2	U	ND	2	U	ND	2	U
m-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
m/p xylene	ND	2	U	ND	2	U	ND	2	U
Methyl bromide	ND	2	U	ND	2	U	ND	2	U
Methyl chloride	ND	2	U	ND	2	U	ND	2	U
Methyl ethyl ketone	ND	2	U				ND	2	U
Methyl isobutyl ketone (MIBK)	ND	2	U				ND	2	U
Methyl tert-butyl ether	ND	2	U	ND	2	U	ND	2	U
Methylene chloride	ND	2	U	ND	2	U	ND	2	U
n-Butylbenzene				ND	2	U			
n-Propylbenzene				ND	2	U			
o-Chlorotoluene				ND	2	U			
o-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
o-Xylene	ND	2	U	ND	2	U	ND	2	U
p-Chlorotoluene				ND	2	U			
p-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
sec-Butylbenzene				ND	2	U			
Styrene				ND	2	U			
tert-Butylbenzene				ND	2	U			
Tetrachloroethylene	ND	2	U	ND	2	U	ND	2	U
Toluene	ND	2	U	ND	2	U	ND	2	U
trans-1,3-Dichloropropene	ND	2	U	ND	2	U	ND	2	U
Trichloroethylene	ND	2	U	ND	2	U	ND	2	U
Trichlorofluoromethane	ND	2	U	ND	2	U	ND	2	U
Vinyl chloride	ND	2	U	ND	2	U	ND	2	U

FM - 2001 Facility Monitoring Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, STP and Peconic River

	Well ID:039-89 Date:12/12/01 Depth: 23			Well ID:039-90 Date:06/12/01 Depth: 23			Well ID:039-90 Date:12/12/01 Depth: 23		
Analyte	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	U				ND	2	U
1,1,1-Trichloroethane	ND	2	U	ND	2	U	ND	2	U
1,1,2,2-Tetrachloroethane	ND	2	U	ND	2	U	ND	2	U
1,1,2-Trichloroethane	ND	2	U	ND	2	U	ND	2	U
1,1-Dichloroethane	ND	2	U	ND	2	U	ND	2	U
1,1-Dichloroethylene	ND	2	U	ND	2	U	ND	2	U
1,1-Dichloropropene	ND	2	U				ND	2	U
1,2,3-Trichlorobenzene	ND	2	U				ND	2	U
1,2,3-Trichloropropane	ND	2	U				ND	2	U
1,2-Dichloroethane	ND	2	U	ND	2	U	ND	2	U
1,2-Dichloropropane	ND	2	U	ND	2	U	ND	2	U
1,3-Dichloropropane	ND	2	U	ND	2	U	ND	2	U
2,2-Dichloropropane	ND	2	U				ND	2	U
2-Hexanone				ND	2	U			
Acetone				ND	2	U			
Benzene	ND	2	U	ND	2	U	ND	2	U
Benzene, 1,2,4-trimethyl	ND	2	U				ND	2	U
Benzene, 1,3,5-trimethyl-	ND	2	U				ND	2	U
Benzene, 1-methylethyl-	ND	2	U				ND	2	U
Bromobenzene	ND	2	U				ND	2	U
Bromodichloromethane	ND	2	U	ND	2	U	ND	2	U
Bromoform	ND	2	U	ND	2	U	ND	2	U
Carbon tetrachloride	ND	2	U	ND	2	U	ND	2	U
Chlorobenzene	ND	2	U	ND	2	U	ND	2	U
Chlorobromomethane	ND	2	U				ND	2	U
Chloroethane	ND	2	U	ND	2	U	ND	2	U
Chloroform	ND	2	U	ND	2	U	ND	2	U
cis-1,2-Dichloroethylene	ND	2	U				ND	2	U
cis-1,3-Dichloropropene	ND	2	U	ND	2	U	ND	2	U
Cymene	ND	2	U				ND	2	U
DBCP	ND	2	UJ				ND	2	UJ
Dibromochloromethane	ND	2	U	ND	2	U	ND	2	U
Dibromomethane	ND	2	U				ND	2	U
Dichlorodifluoromethane	ND	2	U				ND	2	U
EDB	ND	2	U				ND	2	U
Ethene, 1,2-dichloro-, (E)-	ND	2	U	ND	2	U	ND	2	U
Ethylbenzene	ND	2	U	ND	2	U	ND	2	U
m-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
m/p xylene	ND	2	U	ND	2	U	ND	2	U
Methyl bromide	ND	2	U	ND	2	U	ND	2	U
Methyl chloride	ND	2	U	ND	2	U	ND	2	U
Methyl ethyl ketone				ND	2	U			
Methyl isobutyl ketone (MIBK)				ND	2	U			
Methyl tert-butyl ether	ND	2	U	ND	2	U	ND	2	U
Methylene chloride	ND	2	U	ND	2	U	ND	2	U
n-Butylbenzene	ND	2	U				ND	2	U
n-Propylbenzene	ND	2	U				ND	2	U
o-Chlorotoluene	ND	2	U				ND	2	U
o-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
o-Xylene	ND	2	U	ND	2	U	ND	2	U
p-Chlorotoluene	ND	2	U				ND	2	U
p-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
sec-Butylbenzene	ND	2	U				ND	2	U
Styrene	ND	2	U				ND	2	U
tert-Butylbenzene	ND	2	U				ND	2	U
Tetrachloroethylene	ND	2	U	ND	2	U	ND	2	U
Toluene	ND	2	U	ND	2	U	ND	2	U
trans-1,3-Dichloropropene	ND	2	U	ND	2	U	ND	2	U
Trichloroethylene	ND	2	U	ND	2	U	ND	2	U
Trichlorofluoromethane	ND	2	U	ND	2	U	ND	2	U
Vinyl chloride	ND	2	U	ND	2	U	ND	2	U

EM - 2001 Groundwater Data: Metals
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, STP and Peconic River

	Well ID: 038-02 Date: 06/07/01 Depth: 21			Well ID: 038-02 Date: 12/10/01 Depth: 18			Well ID: 038-03 Date: 06/12/01 Depth: 13			Well ID: 038-03 Date: 12/12/01 Depth: 13			Well ID: 039-07 Date: 06/07/01 Depth: 20		
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	6.85	2.2	J	31.9	2.2		89.7	2.2	J	6.18	2.2		4.88	2.2	J
Antimony	2.38	.88		ND	.88	U	ND	.88	U	ND	.88	U	1.09	.88	
Arsenic	ND	3	U	ND	3	U	ND	3	U	ND	3	U	ND	3	U
Barium	10.4	1.8		8.53	1.8		16.5	1.8		9.09	1.8		3.13	1.8	
Beryllium	ND	.66	U	ND	.66	U	ND	.66	U	ND	.66	U	ND	.66	U
Cadmium	ND	1.1	U	ND	1.1	U	1.24	1.1		ND	1.1	U	ND	1.1	U
Chromium	ND	1	U	ND	1	U	ND	1	U	ND	1	U	ND	1	U
Cobalt	.35	.12		.4	.12		3.06	.12		1.83	.12		.36	.12	
Copper	4.1	2		5.17	2		6.96	2		2.8	2		12.8	2	
Iron	ND	75	U	ND	75	U	ND	75	U	ND	75	U	ND	75	U
Lead	ND	1.32	U	ND	1.32	U	ND	1.32	U	ND	1.32	U	ND	1.32	U
Manganese	2.91	2		ND	2	U	17.2	2		146	2		2.45	2	
Mercury	ND	.1	UJ	ND	.1	U	ND	.1	UJ	ND	.1	U	ND	.1	UJ
Nickel	ND	1.1	U	ND	1.1	U	3.43	1.1		1.49	1.1		ND	1.1	U
Selenium	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U
Silver	ND	1	U	1.01	1		ND	1	U	ND	1	U	ND	1	U
Sodium	6980	1000		6500	1000		3380	1000		2300	1000		6120	1000	
Thallium	ND	.66	U	ND	.66	U	ND	.66	U	ND	.66	U	ND	.66	U
Vanadium	ND	5.5	U	ND	5.5	U	ND	5.5	U	ND	5.5	U	ND	5.5	U
Zinc	13.4	4	J	ND	4	U	214	4	J	34.7	4		11.1	4	J

EM - 2001 Groundwater Data: Metals
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, STP and Peconic River

	Well ID: 039-07 Date: 12/10/01 Depth: 20			Well ID: 039-08 Date: 06/12/01 Depth: 22			Well ID: 039-08 Date: 12/12/01 Depth: 22			Well ID: 039-86 Date: 06/07/01 Depth: 20			Well ID: 039-86 Date: 12/10/01 Depth: 20		
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	16.4	2.2		12	2.2	J	11.4	2.2		20.6	2.2	J	33	2.2	
Antimony	ND	.88	U	ND	.88	U	ND	.88	U	2.28	.88		ND	.88	U
Arsenic	ND	3	U	ND	3	U	ND	3	U	ND	3	U	ND	3	U
Barium	15.2	1.8		12.7	1.8		16.3	1.8		10.2	1.8		19.5	1.8	
Beryllium	ND	.66	U	ND	.66	U	ND	.66	U	ND	.66	U	ND	.66	U
Cadmium	ND	1.1	U	ND	1.1	U	ND	1.1	U	ND	1.1	U	ND	1.1	U
Chromium	ND	1	U	ND	1	U	ND	1	U	ND	1	U	ND	1	U
Cobalt	.86	.12		1.41	.12		1.94	.12		1.03	.12		1.5	.12	
Copper	5.67	2		11.6	2		13.5	2		5.79	2		11	2	
Iron	ND	75	U	ND	75	U	ND	75	U	ND	75	U	ND	75	U
Lead	ND	1.32	U	ND	1.32	U	ND	1.32	U	ND	1.32	U	ND	1.32	U
Manganese	9.57	2		ND	2	U	ND	2	U	97.4	2		129	2	
Mercury	ND	.1	U	ND	.1	UJ	ND	.1	U	ND	.1	UJ	ND	.1	U
Nickel	ND	1.1	U	1.4	1.1		1.97	1.1		1.16	1.1		1.51	1.1	
Selenium	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U
Silver	ND	1	U	ND	1	U	ND	1	U	ND	1	U	ND	1	U
Sodium	28500	1000		25300	1000		29300	1000		21800	1000		30500	1000	
Thallium	ND	.66	U	ND	.66	U	ND	.66	U	ND	.66	U	ND	.66	U
Vanadium	ND	5.5	U	ND	5.5	U	ND	5.5	U	ND	5.5	U	ND	5.5	U
Zinc	12.8	4		ND	4	U	ND	4	U	ND	4	U	ND	4	U

EM - 2001 Groundwater Data: Metals
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, STP and Peconic River

	Well ID: 039-87 Date: 06/12/01 Depth: 19			Well ID: 039-87 Date: 12/12/01 Depth: 19			Well ID: 039-88 Date: 06/12/01 Depth: 24			Well ID: 039-88 Date: 12/12/01 Depth: 24			Well ID: 039-89 Date: 06/12/01 Depth: 23		
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	110	2.2	J	58.2	2.2		21.6	2.2	J	13	2.2		41.1	2.2	J
Antimony	ND	.88	U	ND	.88	U	1.6	.88		ND	.88	U	ND	.88	U
Arsenic	ND	3	U	ND	3	U	ND	3	U	ND	3	U	ND	3	U
Barium	33.6	1.8		16.2	1.8		24.7	1.8		32.5	1.8		33.1	1.8	
Beryllium	ND	.66	U	ND	.66	U	ND	.66	U	ND	.66	U	ND	.66	U
Cadmium	1.19	1.1		ND	1.1	U	ND	1.1	U	ND	1.1	U	ND	1.1	U
Chromium	ND	1	U	ND	1	U	ND	1	U	ND	1	U	ND	1	U
Cobalt	.64	.12		.69	.12		.22	.12		.33	.12		.37	.12	
Copper	4.03	2		ND	2	U	2.72	2		ND	2	U	2.17	2	
Iron	ND	75	U	ND	75	U	ND	75	U	ND	75	U	ND	75	U
Lead	ND	1.32	U	ND	1.32	U	ND	1.32	U	ND	1.32	U	ND	1.32	U
Manganese	26.9	2		29.3	2		8.35	2		8.63	2		18.1	2	
Mercury	ND	.1	UJ	ND	.1	U	ND	.1	UJ	ND	.1	U	ND	.1	UJ
Nickel	6.25	1.1		ND	1.1	U	ND	1.1	U	ND	1.1	U	ND	1.1	U
Selenium	ND	5	U	ND	5	U	ND	5	U	ND	5	U	ND	5	U
Silver	ND	1	U	ND	1	U	ND	1	U	ND	1	U	ND	1	U
Sodium	3770	1000		5000	1000		3230	1000		7200	1000		3000	1000	
Thallium	ND	.66	U	ND	.66	U	ND	.66	U	ND	.66	U	ND	.66	U
Vanadium	ND	5.5	U	ND	5.5	U	ND	5.5	U	ND	5.5	U	ND	5.5	U
Zinc	148	4	J	18.5	4		ND	4	U	ND	4	U	13.5	4	J

EM - 2001 Groundwater Data: Metals
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, STP and Peconic River

	Well ID: 039-89 Date: 12/12/01 Depth: 23			Well ID: 039-90 Date: 06/12/01 Depth: 23			Well ID: 039-90 Date: 12/12/01 Depth: 23		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Aluminum	61.8	2.2		10.4	2.2	J	3.65	2.2	
Antimony	ND	.88	U	ND	.88	U	ND	.88	U
Arsenic	ND	3	U	ND	3	U	ND	3	U
Barium	41.8	1.8		7.96	1.8		14	1.8	
Beryllium	ND	.66	U	ND	.66	U	ND	.66	U
Cadmium	ND	1.1	U	ND	1.1	U	ND	1.1	U
Chromium	ND	1	U	ND	1	U	ND	1	U
Cobalt	.6	.12		.48	.12		.81	.12	
Copper	ND	2	U	5.95	2		2.73	2	
Iron	ND	75	U	ND	75	U	ND	75	U
Lead	ND	1.32	U	ND	1.32	U	ND	1.32	U
Manganese	28.8	2		2.43	2		3.23	2	
Mercury	ND	.1	U	ND	.1	UJ	ND	.1	U
Nickel	ND	1.1	U	ND	1.1	U	ND	1.1	U
Selenium	ND	5	U	ND	5	U	ND	5	U
Silver	ND	1	U	ND	1	U	ND	1	U
Sodium	3900	1000		4080	1000		7200	1000	
Thallium	ND	.66	U	ND	.66	U	ND	.66	U
Vanadium	ND	5.5	U	ND	5.5	U	ND	5.5	U
Zinc	ND	4	U	ND	4	U	ND	4	U

FM - 2001 Facility Monitoring Data: Chemistry Parameters
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, STP and Peconic River

	Well ID:038-02 Date:06/07/01 Depth: 21			Well ID:038-02 Date:12/10/01 Depth: 18			Well ID:038-03 Date:06/12/01 Depth: 13			Well ID:038-03 Date:12/12/01 Depth: 13			Well ID:039-07 Date:06/07/01 Depth: 20		
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
Chloride	7800	4000		ND	4000	U	5700	4000		ND	4000	U	6100	4000	
Nitrate (as N)	3100	1000	J	4400	1000		1200	1000	J	1000	1000		1700	1000	J
Sulfate	9400	4000	J	9500	4000		13800	4000	J	21300	4000		9300	4000	J

FM - 2001 Facility Monitoring Data: Chemistry Parameters
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, STP and Peconic River

	Well ID:039-07 Date:12/10/01 Depth: 20			Well ID:039-08 Date:06/12/01 Depth: 22			Well ID:039-08 Date:12/12/01 Depth: 22			Well ID:039-86 Date:06/07/01 Depth: 20			Well ID:039-86 Date:12/10/01 Depth: 20		
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
Chloride	43500	4000		32500	4000		34800	4000		15700	4000		37800	4000	
Nitrate (as N)	6000	1000		6400	1000	J	6500	1000		5300	1000	J	6300	1000	
Sulfate	10700	4000		9700	4000	J	16400	4000		13700	4000	J	15000	4000	

FM - 2001 Facility Monitoring Data: Chemistry Parameters
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, STP and Peconic River

	Well ID:039-87 Date:06/12/01 Depth: 19			Well ID:039-87 Date:12/12/01 Depth: 19			Well ID:039-88 Date:06/12/01 Depth: 24			Well ID:039-88 Date:12/12/01 Depth: 24			Well ID:039-89 Date:06/12/01 Depth: 23		
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
Chloride	6100	4000		5200	4000		4400	4000		4900	4000		4500	4000	
Nitrate (as N)	2300	1000	J	1500	1000		2600	1000	J	3300	1000		1700	1000	J
Sulfate	15100	4000	J	13200	4000		14200	4000	J	15400	4000		9400	4000	J

FM - 2001 Facility Monitoring Data: Chemistry Parameters
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, STP and Peconic River

	Well ID:039-89 Date:12/12/01 Depth: 23			Well ID:039-90 Date:06/12/01 Depth: 23			Well ID:039-90 Date:12/12/01 Depth: 23		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Chloride	ND	4000	U	5900	4000		10600	4000	
Nitrate (as N)	2500	1000		1100	1000	J	2200	1000	
Sulfate	10500	4000		11100	4000	J	9500	4000	

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, STP and Peconic River

	Well ID: 038-02 Date: 06/07/01 Depth: 21				Well ID: 038-02 Date: 12/10/01 Depth: 18				Well ID: 038-03 Date: 06/12/01 Depth: 13			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Bismuth-212												
Bismuth-214	40.1	0	4.15		62.5	0	5.86		14.7	0	3.11	
Gross Alpha	1.3	1.02	.683		<MDL	.89	.503	U	<MDL	1.02	.506	U
Gross Beta	5.44	2.26	1.51		3.43	2.14	1.38		8.99	2.26	1.62	
Lead-212												
Lead-214	35.3	0	4.06		53.7	0	5.94		12.4	0	3.28	
Potassium-40												
Tritium	<MDL	346	233	U	<MDL	370	248	U	<MDL	292	174	U

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, STP and Peconic River

	Well ID: 038-03 Date: 12/12/01 Depth: 13				Well ID: 039-07 Date: 06/07/01 Depth: 20				Well ID: 039-07 Date: 12/10/01 Depth: 20			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Bismuth-212												
Bismuth-214					59.3	0	4.71		113	0	7.25	
Gross Alpha	<MDL	.89	.522	U	5.47	1.02	1.02		<MDL	.89	.485	U
Gross Beta	5.72	2.14	1.46		4.74	2.26	1.49		6.93	2.14	1.5	
Lead-212												
Lead-214					53.7	0	6.03		98.9	0	6.89	
Potassium-40												
Tritium	<MDL	314	172	U	<MDL	346	221	U	<MDL	370	255	U

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, STP and Peconic River

	Well ID: 039-08 Date: 06/12/01 Depth: 22				Well ID: 039-08 Date: 12/12/01 Depth: 22				Well ID: 039-86 Date: 06/07/01 Depth: 20			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Bismuth-212												
Bismuth-214					15.7	0	3.28		40.9	0	4.2	
Gross Alpha	<MDL	1.02	.537	U	<MDL	.89	.493	U	23.4	1.02	1.75	
Gross Beta	<MDL	2.26	1.41	U	3.47	2.14	1.38		18.3	2.26	1.88	
Lead-212												
Lead-214	8.7	0	3.35		11.3	0	3.41		39.3	0	4.33	
Potassium-40												
Tritium	392	292	198		<MDL	314	174	U	<MDL	346	230	U

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, STP and Peconic River

	Well ID: 039-86 Date: 07/10/01 Depth: 20				Well ID: 039-86 Date: 12/10/01 Depth: 20				Well ID: 039-87 Date: 06/12/01 Depth: 19			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Bismuth-212	7.66	0	5.01									
Bismuth-214					59.1	0	5.35					
Gross Alpha	<MDL	.761	.462	U	<MDL	.89	.482	U	<MDL	1.02	.556	U
Gross Beta	3.66	2.1	1.37		8.44	2.14	1.55		5.84	2.26	1.53	
Lead-212									7.23	0	5.22	
Lead-214					49.7	0	4.92					
Potassium-40	31.1	0	25.5		48	0	27.3		43.5	0	29.7	
Tritium					<MDL	370	264	U	<MDL	292	175	U

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, STP and Peconic River

	Well ID: 039-87 Date: 12/12/01 Depth: 19				Well ID: 039-88 Date: 06/12/01 Depth: 24				Well ID: 039-88 Date: 12/12/01 Depth: 24			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Bismuth-212												
Bismuth-214					12.1	0	3.41					
Gross Alpha	<MDL	.89	.514	U	<MDL	1.02	.501	U	<MDL	.89	.481	U
Gross Beta	5.4	2.14	1.45		<MDL	2.26	1.38	U	3.68	2.14	1.39	
Lead-212												
Lead-214					8.32	0	2.81					
Potassium-40												
Tritium	<MDL	314	174	U	<MDL	292	180	U	<MDL	314	178	U

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, STP and Peconic River

	Well ID: 039-89 Date: 06/12/01 Depth: 23				Well ID: 039-89 Date: 12/12/01 Depth: 23				Well ID: 039-90 Date: 06/12/01 Depth: 23			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Bismuth-212												
Bismuth-214					14.3	0	3.65		12.1	0	3.79	
Gross Alpha	<MDL	1.02	.468	U	<MDL	.89	.535	U	<MDL	1.02	.496	U
Gross Beta	8.25	2.26	1.6		7.01	2.14	1.5		3.82	2.26	1.46	
Lead-212												
Lead-214	10	0	3.45		16	0	3.87		14.4	0	3.41	
Potassium-40									28.1	0	22.4	
Tritium	1430	292	239		1330	314	236		<MDL	292	174	U

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, STP and Peconic River

	Well ID: 039-90 Date: 12/12/01 Depth: 23			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.
Bismuth-212				
Bismuth-214				
Gross Alpha	.96	.89	.593	
Gross Beta	38.4	2.14	2.31	
Lead-212				
Lead-214	12.5	0	3.71	
Potassium-40				
Tritium	<MDL	314	190	U

NEW WASTE MANAGEMENT FACILITY

ANALYTICAL RESULTS

FM - 2001 Facility Monitoring Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, New Waste Mgt Facility

	Well ID:055-03 Date:02/13/01 Depth: 50			Well ID:055-03 Date:05/11/01 Depth: 50			Well ID:055-03 Date:08/22/01 Depth: 50		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1-Trichloroethane	ND	2	U	ND	2	U	ND	2	U
1,1,2,2-Tetrachloroethane	ND	2	U	ND	2	U	ND	2	U
1,1,2-Trichloroethane	ND	2	U	ND	2	U	ND	2	U
1,1-Dichloroethane	ND	2	U	ND	2	U	ND	2	U
1,1-Dichloroethylene	ND	2	U	ND	2	U	ND	2	U
1,2-Dichloroethane	ND	2	U	ND	2	U	ND	2	U
1,2-Dichloropropane	ND	2	U	ND	2	U	ND	2	U
1,3-Dichloropropane	ND	2	U	ND	2	U	ND	2	U
2-Hexanone	ND	2	U	ND	2	U	ND	2	U
Acetone	ND	2	U	ND	2	U	ND	2	U
Benzene	ND	2	U	ND	2	U	ND	2	U
Bromodichloromethane	ND	2	U	ND	2	U	ND	2	U
Bromoform	ND	2	U	ND	2	U	ND	2	U
Carbon tetrachloride	ND	2	U	ND	2	U	ND	2	U
Chlorobenzene	ND	2	U	ND	2	U	ND	2	U
Chloroethane	ND	2	U	ND	2	U	ND	2	U
Chloroform	ND	2	U	ND	2	U	ND	2	U
cis-1,3-Dichloropropene	ND	2	U	ND	2	U	ND	2	U
Dibromochloromethane	ND	2	U	ND	2	U	ND	2	U
Ethene, 1,2-dichloro-, (E)-	ND	2	U	ND	2	U	ND	2	U
Ethylbenzene	ND	2	U	ND	2	U	ND	2	U
m-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
m/p xylene	ND	2	U	ND	2	U	ND	2	U
Methyl bromide	ND	2	U	ND	2	U	ND	2	U
Methyl chloride	ND	2	U	ND	2	U	ND	2	U
Methyl ethyl ketone	ND	2	U	ND	2	U	ND	2	U
Methyl isobutyl ketone (MIBK)	ND	2	U	ND	2	U	ND	2	U
Methyl tert-butyl ether	ND	2	U	ND	2	U	ND	2	U
Methylene chloride	ND	2	U	ND	2	U	ND	2	U
o-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
o-Xylene	ND	2	U	ND	2	U	ND	2	U
p-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
Tetrachloroethylene	ND	2	U	ND	2	U	ND	2	U
Toluene	ND	2	U	ND	2	U	ND	2	U
trans-1,3-Dichloropropene	ND	2	U	ND	2	U	ND	2	U
Trichloroethylene	ND	2	U	ND	2	U	ND	2	U
Trichlorofluoromethane	ND	2	U	ND	2	U	ND	2	U
Vinyl chloride	ND	2	U	ND	2	U	ND	2	U

FM - 2001 Facility Monitoring Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, New Waste Mgt Facility

	Well ID:055-03 Date:11/06/01 Depth: 50			Well ID:055-10 Date:02/13/01 Depth: 94			Well ID:055-10 Date:05/11/01 Depth: 94		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1-Trichloroethane	ND	2	U	ND	2	U	ND	2	U
1,1,2,2-Tetrachloroethane	ND	2	U	ND	2	U	ND	2	U
1,1,2-Trichloroethane	ND	2	U	ND	2	U	ND	2	U
1,1-Dichloroethane	ND	2	U	ND	2	U	ND	2	U
1,1-Dichloroethylene	ND	2	U	ND	2	U	ND	2	U
1,2-Dichloroethane	ND	2	U	ND	2	U	ND	2	U
1,2-Dichloropropane	ND	2	U	ND	2	U	ND	2	U
1,3-Dichloropropane	ND	2	U	ND	2	U	ND	2	U
2-Hexanone	ND	2	U	ND	2	U	ND	2	U
Acetone	ND	2	U	ND	2	U	ND	2	U
Benzene	ND	2	U	ND	2	U	ND	2	U
Bromodichloromethane	ND	2	U	ND	2	U	ND	2	U
Bromoform	ND	2	U	ND	2	U	ND	2	U
Carbon tetrachloride	ND	2	U	ND	2	U	ND	2	U
Chlorobenzene	ND	2	U	ND	2	U	ND	2	U
Chloroethane	ND	2	U	ND	2	U	ND	2	U
Chloroform	ND	2	U	ND	2	U	ND	2	U
cis-1,3-Dichloropropene	ND	2	U	ND	2	U	ND	2	U
Dibromochloromethane	ND	2	U	ND	2	U	ND	2	U
Ethene, 1,2-dichloro-, (E)-	ND	2	U	ND	2	U	ND	2	U
Ethylbenzene	ND	2	U	ND	2	U	ND	2	U
m-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
m/p xylene	ND	2	U	ND	2	U	ND	2	U
Methyl bromide	ND	2	U	ND	2	U	ND	2	U
Methyl chloride	ND	2	U	ND	2	U	ND	2	U
Methyl ethyl ketone	ND	2	U	ND	2	U	ND	2	U
Methyl isobutyl ketone (MIBK)	ND	2	U	ND	2	U	ND	2	U
Methyl tert-butyl ether	ND	2	U	ND	2	U	ND	2	U
Methylene chloride	ND	2	U	ND	2	U	ND	2	U
o-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
o-Xylene	ND	2	U	ND	2	U	ND	2	U
p-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
Tetrachloroethylene	ND	2	U	ND	2	U	ND	2	U
Toluene	ND	2	U	ND	2	U	ND	2	U
trans-1,3-Dichloropropene	ND	2	U	ND	2	U	ND	2	U
Trichloroethylene	ND	2	U	ND	2	U	ND	2	U
Trichlorofluoromethane	ND	2	U	ND	2	U	ND	2	U
Vinyl chloride	ND	2	U	ND	2	U	ND	2	U

FM - 2001 Facility Monitoring Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, New Waste Mgt Facility

	Well ID:055-10 Date:08/22/01 Depth: 94			Well ID:055-10 Date:11/06/01 Depth: 94			Well ID:056-21 Date:02/13/01 Depth: 51		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1-Trichloroethane	ND	2	U	ND	2	U	ND	2	U
1,1,2,2-Tetrachloroethane	ND	2	U	ND	2	U	ND	2	U
1,1,2-Trichloroethane	ND	2	U	ND	2	U	ND	2	U
1,1-Dichloroethane	ND	2	U	ND	2	U	ND	2	U
1,1-Dichloroethylene	ND	2	U	ND	2	U	ND	2	U
1,2-Dichloroethane	ND	2	U	ND	2	U	ND	2	U
1,2-Dichloropropane	ND	2	U	ND	2	U	ND	2	U
1,3-Dichloropropane	ND	2	U	ND	2	U	ND	2	U
2-Hexanone	ND	2	U	ND	2	U	ND	2	U
Acetone	ND	2	U	ND	2	U	ND	2	U
Benzene	ND	2	U	ND	2	U	ND	2	U
Bromodichloromethane	ND	2	U	ND	2	U	ND	2	U
Bromoform	ND	2	U	ND	2	U	ND	2	U
Carbon tetrachloride	ND	2	U	ND	2	U	ND	2	U
Chlorobenzene	ND	2	U	ND	2	U	ND	2	U
Chloroethane	ND	2	U	ND	2	U	ND	2	U
Chloroform	ND	2	U	ND	2	U	ND	2	U
cis-1,3-Dichloropropene	ND	2	U	ND	2	U	ND	2	U
Dibromochloromethane	ND	2	U	ND	2	U	ND	2	U
Ethene, 1,2-dichloro-, (E)-	ND	2	U	ND	2	U	ND	2	U
Ethylbenzene	ND	2	U	ND	2	U	ND	2	U
m-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
m/p xylene	ND	2	U	ND	2	U	ND	2	U
Methyl bromide	ND	2	U	ND	2	U	ND	2	U
Methyl chloride	ND	2	U	ND	2	U	ND	2	U
Methyl ethyl ketone	ND	2	U	ND	2	U	ND	2	U
Methyl isobutyl ketone (MIBK)	ND	2	U	ND	2	U	ND	2	U
Methyl tert-butyl ether	ND	2	U	ND	2	U	ND	2	U
Methylene chloride	ND	2	U	ND	2	U	ND	2	U
o-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
o-Xylene	ND	2	U	ND	2	U	ND	2	U
p-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
Tetrachloroethylene	ND	2	U	ND	2	U	ND	2	U
Toluene	ND	2	U	ND	2	U	ND	2	U
trans-1,3-Dichloropropene	ND	2	U	ND	2	U	ND	2	U
Trichloroethylene	ND	2	U	ND	2	U	ND	2	U
Trichlorofluoromethane	ND	2	U	ND	2	U	ND	2	U
Vinyl chloride	ND	2	U	ND	2	U	ND	2	U

FM - 2001 Facility Monitoring Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, New Waste Mgt Facility

	Well ID:056-21 Date:05/07/01 Depth: 51			Well ID:056-21 Date:08/21/01 Depth: 51			Well ID:056-21 Date:11/06/01 Depth: 51		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1-Trichloroethane	ND	2	UJ	ND	2	U	ND	2	U
1,1,2,2-Tetrachloroethane	ND	2	UJ	ND	2	U	ND	2	U
1,1,2-Trichloroethane	ND	2	UJ	ND	2	U	ND	2	U
1,1-Dichloroethane	ND	2	UJ	ND	2	U	ND	2	U
1,1-Dichloroethylene	ND	2	UJ	ND	2	U	ND	2	U
1,2-Dichloroethane	ND	2	UJ	ND	2	U	ND	2	U
1,2-Dichloropropane	ND	2	UJ	ND	2	U	ND	2	U
1,3-Dichloropropane	ND	2	UJ	ND	2	U	ND	2	U
2-Hexanone	ND	2	UJ	ND	2	U	ND	2	U
Acetone	ND	2	UJ	ND	2	U	ND	2	U
Benzene	ND	2	UJ	ND	2	U	ND	2	U
Bromodichloromethane	ND	2	UJ	ND	2	U	ND	2	U
Bromoform	ND	2	UJ	ND	2	U	ND	2	U
Carbon tetrachloride	ND	2	UJ	ND	2	U	ND	2	U
Chlorobenzene	ND	2	UJ	ND	2	U	ND	2	U
Chloroethane	ND	2	UJ	ND	2	U	ND	2	U
Chloroform	ND	2	UJ	ND	2	U	ND	2	U
cis-1,3-Dichloropropene	ND	2	UJ	ND	2	U	ND	2	U
Dibromochloromethane	ND	2	UJ	ND	2	U	ND	2	U
Ethene, 1,2-dichloro-, (E)-	ND	2	UJ	ND	2	U	ND	2	U
Ethylbenzene	ND	2	UJ	ND	2	U	ND	2	U
m-Dichlorobenzene	ND	2	UJ	ND	2	U	ND	2	U
m/p xylene	ND	2	UJ	ND	2	U	ND	2	U
Methyl bromide	ND	2	UJ	ND	2	U	ND	2	U
Methyl chloride	ND	2	UJ	ND	2	U	ND	2	U
Methyl ethyl ketone	ND	2	UJ	ND	2	U	ND	2	U
Methyl isobutyl ketone (MIBK)	ND	2	UJ	ND	2	U	ND	2	U
Methyl tert-butyl ether	ND	2	UJ	ND	2	U	ND	2	U
Methylene chloride	ND	2	UJ	ND	2	U	ND	2	U
o-Dichlorobenzene	ND	2	UJ	ND	2	U	ND	2	U
o-Xylene	ND	2	UJ	ND	2	U	ND	2	U
p-Dichlorobenzene	ND	2	UJ	ND	2	U	ND	2	U
Tetrachloroethylene	ND	2	UJ	ND	2	U	ND	2	U
Toluene	ND	2	UJ	ND	2	U	ND	2	U
trans-1,3-Dichloropropene	ND	2	UJ	ND	2	U	ND	2	U
Trichloroethylene	ND	2	UJ	ND	2	U	ND	2	U
Trichlorofluoromethane	ND	2	UJ	ND	2	U	ND	2	U
Vinyl chloride	ND	2	UJ	ND	2	U	ND	2	U

FM - 2001 Facility Monitoring Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, New Waste Mgt Facility

	Well ID:056-22 Date:02/13/01 Depth: 51			Well ID:056-22 Date:05/07/01 Depth: 51			Well ID:056-22 Date:08/21/01 Depth: 51		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1-Trichloroethane	ND	2	U	ND	2	UJ	ND	2	U
1,1,2,2-Tetrachloroethane	ND	2	U	ND	2	UJ	ND	2	U
1,1,2-Trichloroethane	ND	2	U	ND	2	UJ	ND	2	U
1,1-Dichloroethane	ND	2	U	ND	2	UJ	ND	2	U
1,1-Dichloroethylene	ND	2	U	ND	2	UJ	ND	2	U
1,2-Dichloroethane	ND	2	U	ND	2	UJ	ND	2	U
1,2-Dichloropropane	ND	2	U	ND	2	UJ	ND	2	U
1,3-Dichloropropane	ND	2	U	ND	2	UJ	ND	2	U
2-Hexanone	ND	2	U	ND	2	UJ	ND	2	U
Acetone	ND	2	U	ND	2	UJ	ND	2	U
Benzene	ND	2	U	ND	2	UJ	ND	2	U
Bromodichloromethane	ND	2	U	ND	2	UJ	ND	2	U
Bromoform	ND	2	U	ND	2	UJ	ND	2	U
Carbon tetrachloride	ND	2	U	ND	2	UJ	ND	2	U
Chlorobenzene	ND	2	U	ND	2	UJ	ND	2	U
Chloroethane	ND	2	U	ND	2	UJ	ND	2	U
Chloroform	ND	2	U	ND	2	UJ	ND	2	U
cis-1,3-Dichloropropene	ND	2	U	ND	2	UJ	ND	2	U
Dibromochloromethane	ND	2	U	ND	2	UJ	ND	2	U
Ethene, 1,2-dichloro-, (E)-	ND	2	U	ND	2	UJ	ND	2	U
Ethylbenzene	ND	2	U	ND	2	UJ	ND	2	U
m-Dichlorobenzene	ND	2	U	ND	2	UJ	ND	2	U
m/p xylene	ND	2	U	ND	2	UJ	ND	2	U
Methyl bromide	ND	2	U	ND	2	UJ	ND	2	U
Methyl chloride	ND	2	U	ND	2	UJ	ND	2	U
Methyl ethyl ketone	ND	2	U	ND	2	UJ	ND	2	U
Methyl isobutyl ketone (MIBK)	ND	2	U	ND	2	UJ	ND	2	U
Methyl tert-butyl ether	6.3	2		2.3	2	J	1.7	2	J
Methylene chloride	ND	2	U	ND	2	UJ	ND	2	U
o-Dichlorobenzene	ND	2	U	ND	2	UJ	ND	2	U
o-Xylene	ND	2	U	ND	2	UJ	ND	2	U
p-Dichlorobenzene	ND	2	U	ND	2	UJ	ND	2	U
Tetrachloroethylene	ND	2	U	ND	2	UJ	ND	2	U
Toluene	ND	2	U	ND	2	UJ	ND	2	U
trans-1,3-Dichloropropene	ND	2	U	ND	2	UJ	ND	2	U
Trichloroethylene	ND	2	U	ND	2	UJ	ND	2	U
Trichlorofluoromethane	ND	2	U	ND	2	UJ	ND	2	U
Vinyl chloride	ND	2	U	ND	2	UJ	ND	2	U

FM - 2001 Facility Monitoring Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, New Waste Mgt Facility

	Well ID:056-22 Date:11/06/01 Depth: 51			Well ID:056-23 Date:02/13/01 Depth: 51			Well ID:056-23 Date:05/07/01 Depth: 51		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1-Trichloroethane	ND	2	U	ND	2	U	ND	2	UJ
1,1,2,2-Tetrachloroethane	ND	2	U	ND	2	U	ND	2	UJ
1,1,2-Trichloroethane	ND	2	U	ND	2	U	ND	2	UJ
1,1-Dichloroethane	ND	2	U	ND	2	U	ND	2	UJ
1,1-Dichloroethylene	ND	2	U	ND	2	U	ND	2	UJ
1,2-Dichloroethane	ND	2	U	ND	2	U	ND	2	UJ
1,2-Dichloropropane	ND	2	U	ND	2	U	ND	2	UJ
1,3-Dichloropropane	ND	2	U	ND	2	U	ND	2	UJ
2-Hexanone	ND	2	U	ND	2	U	ND	2	UJ
Acetone	ND	2	U	ND	2	U	ND	2	UJ
Benzene	ND	2	U	ND	2	U	ND	2	UJ
Bromodichloromethane	ND	2	U	ND	2	U	ND	2	UJ
Bromoform	ND	2	U	ND	2	U	ND	2	UJ
Carbon tetrachloride	ND	2	U	ND	2	U	ND	2	UJ
Chlorobenzene	ND	2	U	ND	2	U	ND	2	UJ
Chloroethane	ND	2	U	ND	2	U	ND	2	UJ
Chloroform	ND	2	U	ND	2	U	ND	2	UJ
cis-1,3-Dichloropropene	ND	2	U	ND	2	U	ND	2	UJ
Dibromochloromethane	ND	2	U	ND	2	U	ND	2	UJ
Ethene, 1,2-dichloro-, (E)-	ND	2	U	ND	2	U	ND	2	UJ
Ethylbenzene	ND	2	U	ND	2	U	ND	2	UJ
m-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	UJ
m/p xylene	ND	2	U	ND	2	U	ND	2	UJ
Methyl bromide	ND	2	U	ND	2	U	ND	2	UJ
Methyl chloride	ND	2	U	ND	2	U	ND	2	UJ
Methyl ethyl ketone	ND	2	U	ND	2	U	ND	2	UJ
Methyl isobutyl ketone (MIBK)	ND	2	U	ND	2	U	ND	2	UJ
Methyl tert-butyl ether	2.1	2		ND	2	U	ND	2	UJ
Methylene chloride	ND	2	U	ND	2	U	ND	2	UJ
o-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	UJ
o-Xylene	ND	2	U	ND	2	U	ND	2	UJ
p-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	UJ
Tetrachloroethylene	ND	2	U	ND	2	U	ND	2	UJ
Toluene	ND	2	U	ND	2	U	ND	2	UJ
trans-1,3-Dichloropropene	ND	2	U	ND	2	U	ND	2	UJ
Trichloroethylene	ND	2	U	ND	2	U	ND	2	UJ
Trichlorofluoromethane	ND	2	U	ND	2	U	ND	2	UJ
Vinyl chloride	ND	2	U	ND	2	U	ND	2	UJ

FM - 2001 Facility Monitoring Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, New Waste Mgt Facility

	Well ID:056-23 Date:08/21/01 Depth: 51			Well ID:056-23 Date:11/06/01 Depth: 51			Well ID:066-07 Date:02/13/01 Depth: 75		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1-Trichloroethane	ND	2	U	ND	2	U	ND	2	U
1,1,2,2-Tetrachloroethane	ND	2	U	ND	2	U	ND	2	U
1,1,2-Trichloroethane	ND	2	U	ND	2	U	ND	2	U
1,1-Dichloroethane	ND	2	U	ND	2	U	ND	2	U
1,1-Dichloroethylene	ND	2	U	ND	2	U	ND	2	U
1,2-Dichloroethane	ND	2	U	ND	2	U	ND	2	U
1,2-Dichloropropane	ND	2	U	ND	2	U	ND	2	U
1,3-Dichloropropane	ND	2	U	ND	2	U	ND	2	U
2-Hexanone	ND	2	U	ND	2	U	ND	2	U
Acetone	ND	2	U	ND	2	U	ND	2	U
Benzene	ND	2	U	ND	2	U	ND	2	U
Bromodichloromethane	ND	2	U	ND	2	U	ND	2	U
Bromoform	ND	2	U	ND	2	U	ND	2	U
Carbon tetrachloride	ND	2	U	ND	2	U	ND	2	U
Chlorobenzene	ND	2	U	ND	2	U	ND	2	U
Chloroethane	ND	2	U	ND	2	U	ND	2	U
Chloroform	ND	2	U	ND	2	U	ND	2	U
cis-1,3-Dichloropropene	ND	2	U	ND	2	U	ND	2	U
Dibromochloromethane	ND	2	U	ND	2	U	ND	2	U
Ethene, 1,2-dichloro-, (E)-	ND	2	U	ND	2	U	ND	2	U
Ethylbenzene	ND	2	U	ND	2	U	ND	2	U
m-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
m/p xylene	ND	2	U	ND	2	U	ND	2	U
Methyl bromide	ND	2	U	ND	2	U	ND	2	U
Methyl chloride	ND	2	U	ND	2	U	ND	2	U
Methyl ethyl ketone	ND	2	U	ND	2	U	ND	2	U
Methyl isobutyl ketone (MIBK)	ND	2	U	ND	2	U	ND	2	U
Methyl tert-butyl ether	ND	2	U	ND	2	U	ND	2	U
Methylene chloride	ND	2	U	ND	2	U	ND	2	U
o-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
o-Xylene	ND	2	U	ND	2	U	ND	2	U
p-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	U
Tetrachloroethylene	ND	2	U	ND	2	U	ND	2	U
Toluene	ND	2	U	ND	2	U	ND	2	U
trans-1,3-Dichloropropene	ND	2	U	ND	2	U	ND	2	U
Trichloroethylene	ND	2	U	ND	2	U	ND	2	U
Trichlorofluoromethane	ND	2	U	ND	2	U	ND	2	U
Vinyl chloride	ND	2	U	ND	2	U	ND	2	U

FM - 2001 Facility Monitoring Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, New Waste Mgt Facility

	Well ID:066-07 Date:05/08/01 Depth: 75			Well ID:066-07 Date:08/21/01 Depth: 75			Well ID:066-07 Date:11/07/01 Depth: 75		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1-Trichloroethane	ND	2	UJ	ND	2	U	ND	2	U
1,1,2,2-Tetrachloroethane	ND	2	UJ	ND	2	U	ND	2	U
1,1,2-Trichloroethane	ND	2	UJ	ND	2	U	ND	2	U
1,1-Dichloroethane	ND	2	UJ	ND	2	U	ND	2	U
1,1-Dichloroethylene	ND	2	UJ	ND	2	U	ND	2	U
1,2-Dichloroethane	ND	2	UJ	ND	2	U	ND	2	U
1,2-Dichloropropane	ND	2	UJ	ND	2	U	ND	2	U
1,3-Dichloropropane	ND	2	UJ	ND	2	U	ND	2	U
2-Hexanone	ND	2	UJ	ND	2	U	ND	2	U
Acetone	ND	2	UJ	ND	2	U	ND	2	U
Benzene	ND	2	UJ	ND	2	U	ND	2	U
Bromodichloromethane	ND	2	UJ	ND	2	U	ND	2	U
Bromoform	ND	2	UJ	ND	2	U	ND	2	U
Carbon tetrachloride	ND	2	UJ	ND	2	U	ND	2	U
Chlorobenzene	ND	2	UJ	ND	2	U	ND	2	U
Chloroethane	ND	2	UJ	ND	2	U	ND	2	U
Chloroform	ND	2	UJ	.5	2	J	.6	2	J
cis-1,3-Dichloropropene	ND	2	UJ	ND	2	U	ND	2	U
Dibromochloromethane	ND	2	UJ	ND	2	U	ND	2	U
Ethene, 1,2-dichloro-, (E)-	ND	2	UJ	ND	2	U	ND	2	U
Ethylbenzene	ND	2	UJ	ND	2	U	ND	2	U
m-Dichlorobenzene	ND	2	UJ	ND	2	U	ND	2	U
m/p xylene	ND	2	UJ	ND	2	U	ND	2	U
Methyl bromide	ND	2	UJ	ND	2	U	ND	2	U
Methyl chloride	ND	2	UJ	ND	2	U	ND	2	U
Methyl ethyl ketone	ND	2	UJ	ND	2	U	ND	2	U
Methyl isobutyl ketone (MIBK)	ND	2	UJ	ND	2	U	ND	2	U
Methyl tert-butyl ether	ND	2	UJ	ND	2	U	ND	2	U
Methylene chloride	ND	2	UJ	ND	2	U	ND	2	U
o-Dichlorobenzene	ND	2	UJ	ND	2	U	ND	2	U
o-Xylene	ND	2	UJ	ND	2	U	ND	2	U
p-Dichlorobenzene	ND	2	UJ	ND	2	U	ND	2	U
Tetrachloroethylene	ND	2	UJ	ND	2	U	ND	2	U
Toluene	ND	2	UJ	ND	2	U	ND	2	U
trans-1,3-Dichloropropene	ND	2	UJ	ND	2	U	ND	2	U
Trichloroethylene	ND	2	UJ	ND	2	U	ND	2	U
Trichlorofluoromethane	ND	2	UJ	ND	2	U	ND	2	U
Vinyl chloride	ND	2	UJ	ND	2	U	ND	2	U

FM - 2001 Facility Monitoring Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, New Waste Mgt Facility

	Well ID:066-83 Date:02/13/01 Depth: 51			Well ID:066-83 Date:05/08/01 Depth: 51			Well ID:066-83 Date:08/21/01 Depth: 51		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1-Trichloroethane	ND	2	U	ND	2	UJ	ND	2	U
1,1,2,2-Tetrachloroethane	ND	2	U	ND	2	UJ	ND	2	U
1,1,2-Trichloroethane	ND	2	U	ND	2	UJ	ND	2	U
1,1-Dichloroethane	ND	2	U	ND	2	UJ	ND	2	U
1,1-Dichloroethylene	ND	2	U	ND	2	UJ	ND	2	U
1,2-Dichloroethane	ND	2	U	ND	2	UJ	ND	2	U
1,2-Dichloropropane	ND	2	U	ND	2	UJ	ND	2	U
1,3-Dichloropropane	ND	2	U	ND	2	UJ	ND	2	U
2-Hexanone	ND	2	U	ND	2	UJ	ND	2	U
Acetone	ND	2	U	ND	2	UJ	ND	2	U
Benzene	ND	2	U	ND	2	UJ	ND	2	U
Bromodichloromethane	ND	2	U	ND	2	UJ	ND	2	U
Bromoform	ND	2	U	ND	2	UJ	ND	2	U
Carbon tetrachloride	ND	2	U	ND	2	UJ	ND	2	U
Chlorobenzene	ND	2	U	ND	2	UJ	ND	2	U
Chloroethane	ND	2	U	ND	2	UJ	ND	2	U
Chloroform	.5	2	J	1.1	2	J	.6	2	J
cis-1,3-Dichloropropene	ND	2	U	ND	2	UJ	ND	2	U
Dibromochloromethane	ND	2	U	ND	2	UJ	ND	2	U
Ethene, 1,2-dichloro-, (E)-	ND	2	U	ND	2	UJ	ND	2	U
Ethylbenzene	ND	2	U	ND	2	UJ	ND	2	U
m-Dichlorobenzene	ND	2	U	ND	2	UJ	ND	2	U
m/p xylene	ND	2	U	ND	2	UJ	ND	2	U
Methyl bromide	ND	2	U	ND	2	UJ	ND	2	U
Methyl chloride	ND	2	U	ND	2	UJ	ND	2	U
Methyl ethyl ketone	ND	2	U	ND	2	UJ	ND	2	U
Methyl isobutyl ketone (MIBK)	ND	2	U	ND	2	UJ	ND	2	U
Methyl tert-butyl ether	ND	2	U	ND	2	UJ	ND	2	U
Methylene chloride	ND	2	U	ND	2	UJ	ND	2	U
o-Dichlorobenzene	ND	2	U	ND	2	UJ	ND	2	U
o-Xylene	ND	2	U	ND	2	UJ	ND	2	U
p-Dichlorobenzene	ND	2	U	ND	2	UJ	ND	2	U
Tetrachloroethylene	ND	2	U	ND	2	UJ	ND	2	U
Toluene	ND	2	U	ND	2	UJ	ND	2	U
trans-1,3-Dichloropropene	ND	2	U	ND	2	UJ	ND	2	U
Trichloroethylene	ND	2	U	ND	2	UJ	ND	2	U
Trichlorofluoromethane	ND	2	U	ND	2	UJ	ND	2	U
Vinyl chloride	ND	2	U	ND	2	UJ	ND	2	U

FM - 2001 Facility Monitoring Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, New Waste Mgt Facility

	Well ID:066-83 Date:11/06/01 Depth: 51			Well ID:066-84 Date:02/13/01 Depth: 68			Well ID:066-84 Date:05/07/01 Depth: 67		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1-Trichloroethane	ND	2	U	ND	2	U	ND	2	UJ
1,1,2,2-Tetrachloroethane	ND	2	U	ND	2	U	ND	2	UJ
1,1,2-Trichloroethane	ND	2	U	ND	2	U	ND	2	UJ
1,1-Dichloroethane	ND	2	U	ND	2	U	ND	2	UJ
1,1-Dichloroethylene	ND	2	U	ND	2	U	ND	2	UJ
1,2-Dichloroethane	ND	2	U	ND	2	U	ND	2	UJ
1,2-Dichloropropane	ND	2	U	ND	2	U	ND	2	UJ
1,3-Dichloropropane	ND	2	U	ND	2	U	ND	2	UJ
2-Hexanone	ND	2	U	ND	2	U	ND	2	UJ
Acetone	ND	2	U	ND	2	U	ND	2	UJ
Benzene	ND	2	U	ND	2	U	ND	2	UJ
Bromodichloromethane	ND	2	U	ND	2	U	ND	2	UJ
Bromoform	ND	2	U	ND	2	U	ND	2	UJ
Carbon tetrachloride	ND	2	U	ND	2	U	ND	2	UJ
Chlorobenzene	ND	2	U	ND	2	U	ND	2	UJ
Chloroethane	ND	2	U	ND	2	U	ND	2	UJ
Chloroform	.6	2	J	2.4	2		2.5	2	J
cis-1,3-Dichloropropene	ND	2	U	ND	2	U	ND	2	UJ
Dibromochloromethane	ND	2	U	ND	2	U	ND	2	UJ
Ethene, 1,2-dichloro-, (E)-	ND	2	U	ND	2	U	ND	2	UJ
Ethylbenzene	ND	2	U	ND	2	U	ND	2	UJ
m-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	UJ
m/p xylene	ND	2	U	ND	2	U	ND	2	UJ
Methyl bromide	ND	2	U	ND	2	U	ND	2	UJ
Methyl chloride	ND	2	U	ND	2	U	ND	2	UJ
Methyl ethyl ketone	ND	2	U	ND	2	U	ND	2	UJ
Methyl isobutyl ketone (MIBK)	ND	2	U	ND	2	U	ND	2	UJ
Methyl tert-butyl ether	ND	2	U	ND	2	U	ND	2	UJ
Methylene chloride	ND	2	U	ND	2	U	ND	2	UJ
o-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	UJ
o-Xylene	ND	2	U	ND	2	U	ND	2	UJ
p-Dichlorobenzene	ND	2	U	ND	2	U	ND	2	UJ
Tetrachloroethylene	ND	2	U	ND	2	U	ND	2	UJ
Toluene	ND	2	U	ND	2	U	ND	2	UJ
trans-1,3-Dichloropropene	ND	2	U	ND	2	U	ND	2	UJ
Trichloroethylene	ND	2	U	ND	2	U	ND	2	UJ
Trichlorofluoromethane	ND	2	U	ND	2	U	ND	2	UJ
Vinyl chloride	ND	2	U	ND	2	U	ND	2	UJ

FM - 2001 Facility Monitoring Data: Volatile Organic Chemicals (VOCs)
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, New Waste Mgt Facility

	Well ID:066-84 Date:08/21/01 Depth: 68			Well ID:066-84 Date:11/06/01 Depth: 70		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
1,1,1-Trichloroethane	ND	2	U	ND	2	U
1,1,2,2-Tetrachloroethane	ND	2	U	ND	2	U
1,1,2-Trichloroethane	ND	2	U	ND	2	U
1,1-Dichloroethane	ND	2	U	ND	2	U
1,1-Dichloroethylene	ND	2	U	ND	2	U
1,2-Dichloroethane	ND	2	U	ND	2	U
1,2-Dichloropropane	ND	2	U	ND	2	U
1,3-Dichloropropane	ND	2	U	ND	2	U
2-Hexanone	ND	2	U	ND	2	U
Acetone	ND	2	U	5.5	2	
Benzene	ND	2	U	ND	2	U
Bromodichloromethane	ND	2	U	ND	2	U
Bromoform	ND	2	U	ND	2	U
Carbon tetrachloride	ND	2	U	ND	2	U
Chlorobenzene	ND	2	U	ND	2	U
Chloroethane	ND	2	U	ND	2	U
Chloroform	2.1	2		2.5	2	
cis-1,3-Dichloropropene	ND	2	U	ND	2	U
Dibromochloromethane	ND	2	U	ND	2	U
Ethene, 1,2-dichloro-, (E)-	ND	2	U	ND	2	U
Ethylbenzene	ND	2	U	ND	2	U
m-Dichlorobenzene	ND	2	U	ND	2	U
m/p xylene	ND	2	U	ND	2	U
Methyl bromide	ND	2	U	ND	2	U
Methyl chloride	ND	2	U	ND	2	U
Methyl ethyl ketone	ND	2	U	1.9	2	J
Methyl isobutyl ketone (MIBK)	ND	2	U	ND	2	U
Methyl tert-butyl ether	ND	2	U	ND	2	U
Methylene chloride	ND	2	U	ND	2	U
o-Dichlorobenzene	ND	2	U	ND	2	U
o-Xylene	ND	2	U	ND	2	U
p-Dichlorobenzene	ND	2	U	ND	2	U
Tetrachloroethylene	ND	2	U	ND	2	U
Toluene	ND	2	U	ND	2	U
trans-1,3-Dichloropropene	ND	2	U	ND	2	U
Trichloroethylene	ND	2	U	ND	2	U
Trichlorofluoromethane	ND	2	U	ND	2	U
Vinyl chloride	ND	2	U	ND	2	U

EM - 2001 Groundwater Data: Metals
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, New Waste Mgt Facility

	Well ID: 055-03 Date: 02/13/01 Depth: 50			Well ID: 055-03 Date: 05/11/01 Depth: 50			Well ID: 055-03 Date: 08/22/01 Depth: 50			Well ID: 055-03 Date: 11/06/01 Depth: 50			Well ID: 055-10 Date: 02/13/01 Depth: 94		
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	3.93	2.2		4.4	2.2	J	ND	2.2	U	8.76	2.2		ND	2.2	U
Antimony	ND	.88	U	ND	.88	U	ND	.88	U	ND	.88	U	ND	.88	U
Arsenic	ND	3	U	ND	3	U	ND	3	U	ND	3	U	ND	3	U
Barium	11.5	1.8		22.6	1.8		49.5	1.8		19.3	1.8		28.2	1.8	
Beryllium	ND	.66	U	ND	.66	U	ND	.66	U	ND	.66	U	ND	.66	U
Cadmium	ND	1.1	U	ND	1.1	U	ND	1.1	U	ND	1.1	U	ND	1.1	U
Chromium	ND	1	U	ND	1	U	ND	1	U	ND	1	U	ND	1	U
Cobalt	.65	.12		.23	.12		ND	.12	U	.27	.12		ND	.12	U
Copper	2.4	2		13.5	2		5.14	2		5.44	2		ND	2	U
Iron	ND	75	U	ND	75	U	ND	75	U	ND	75	U	ND	75	U
Lead	ND	1.32	U	ND	1.32	U	ND	1.32	U	ND	1.32	U	ND	1.32	U
Manganese	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U
Mercury	ND	.1	U	ND	1	U	ND	.1	U	ND	.1	U	ND	.1	U
Nickel	1.81	1.1		ND	1.1	U	ND	1.1	U	ND	1.1	U	ND	1.1	U
Selenium	ND	5	UJ	ND	5	U	ND	5	U	ND	5	U	ND	5	UJ
Silver	ND	1	U	ND	1	U	ND	1	U	ND	1	U	ND	1	U
Sodium	18400	1000		27400	1000		59100	1000		37000	1000		16900	1000	
Thallium	ND	.66	U	ND	.66	U	ND	.66	U	ND	.66	U	ND	.66	U
Vanadium	ND	5.5	U	ND	5.5	U	ND	5.5	U	ND	5.5	U	ND	5.5	U
Zinc	ND	4	U	6.04	4	J	ND	4	U	ND	4	U	ND	4	U

EM - 2001 Groundwater Data: Metals
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, New Waste Mgt Facility

	Well ID: 055-10 Date: 05/11/01 Depth: 94			Well ID: 055-10 Date: 08/22/01 Depth: 94			Well ID: 055-10 Date: 11/06/01 Depth: 94			Well ID: 056-21 Date: 02/13/01 Depth: 51			Well ID: 056-21 Date: 05/07/01 Depth: 51		
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	5.72	2.2	J	3.36	2.2		34.8	2.2		7.66	2.2		6.64	2.2	
Antimony	ND	.88	U	ND	.88	U	ND	.88	U	ND	.88	U	1.05	.88	
Arsenic	ND	3	U	ND	3	U	ND	3	U	ND	3	U	ND	3	U
Barium	35	1.8		28.9	1.8		25.9	1.8		21.3	1.8		22.7	1.8	
Beryllium	ND	.66	U	ND	.66	U	ND	.66	U	ND	.66	U	ND	.66	U
Cadmium	ND	1.1	U	ND	1.1	U	ND	1.1	U	ND	1.1	U	ND	1.1	U
Chromium	ND	1	U	ND	1	U	ND	1	U	ND	1	U	ND	1	U
Cobalt	.13	.12		.36	.12		.26	.12		.58	.12		ND	.12	U
Copper	2.23	2		2.01	2		3.5	2		2.27	2		ND	2	U
Iron	ND	75	U	ND	75	U	ND	75	U	ND	75	U	ND	75	U
Lead	ND	1.32	U	ND	1.32	U	ND	1.32	U	ND	1.32	U	ND	1.32	U
Manganese	ND	2	U	ND	2	U	2.49	2		5.09	2		2.1	2	
Mercury	ND	1	U	ND	.1	U	ND	.1	U	ND	.1	U	ND	1	U
Nickel	ND	1.1	U	ND	1.1	U	ND	1.1	U	1.77	1.1		ND	1.1	U
Selenium	ND	5	U	ND	5	U	ND	5	U	ND	5	UJ	ND	5	U
Silver	ND	1	U	ND	1	U	ND	1	U	ND	1	U	ND	1	U
Sodium	18500	1000		18600	1000		19900	1000		16200	1000		14200	1000	
Thallium	ND	.66	U	ND	.66	U	ND	.66	U	.66	.66		ND	.66	U
Vanadium	ND	5.5	U	ND	5.5	U	ND	5.5	U	ND	5.5	U	ND	5.5	U
Zinc	ND	4	U	29.9	4		ND	4	U	ND	4	U	6.13	4	

EM - 2001 Groundwater Data: Metals
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, New Waste Mgt Facility

	Well ID: 056-21 Date: 08/21/01 Depth: 51			Well ID: 056-21 Date: 11/06/01 Depth: 51			Well ID: 056-22 Date: 02/13/01 Depth: 51			Well ID: 056-22 Date: 05/07/01 Depth: 51			Well ID: 056-22 Date: 08/21/01 Depth: 51		
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	14.1	2.2		22.6	2.2		5.41	2.2		7.72	2.2		5.92	2.2	
Antimony	ND	.88	U	ND	.88	U	ND	.88	U	1.1	.88		ND	.88	U
Arsenic	ND	3	U	ND	3	U	ND	3	U	ND	3	U	ND	3	U
Barium	40.7	1.8		26.7	1.8		24.5	1.8		28.3	1.8		23.6	1.8	
Beryllium	ND	.66	U	ND	.66	U	ND	.66	U	ND	.66	U	ND	.66	U
Cadmium	ND	1.1	U	ND	1.1	U	ND	1.1	U	ND	1.1	U	ND	1.1	U
Chromium	ND	1	U	ND	1	U	ND	1	U	ND	1	U	ND	1	U
Cobalt	.22	.12		.26	.12		.6	.12		ND	.12	U	.26	.12	
Copper	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U
Iron	ND	75	U	ND	75	U	ND	75	U	ND	75	U	ND	75	U
Lead	ND	1.32	U	ND	1.32	U	ND	1.32	U	ND	1.32	U	ND	1.32	U
Manganese	25	2		23.9	2		2.78	2		3.91	2		2.51	2	
Mercury	ND	.1	U	.13	.1		ND	.1	U	ND	1	U	ND	.1	U
Nickel	ND	1.1	U	ND	1.1	U	1.72	1.1		ND	1.1	U	ND	1.1	U
Selenium	ND	5	U	ND	5	U	ND	5	UJ	ND	5	U	ND	5	U
Silver	ND	1	U	ND	1	U	ND	1	U	2.07	1		ND	1	U
Sodium	17500	1000		16100	1000		8980	1000		6920	1000		8130	1000	
Thallium	ND	.66	U	ND	.66	U	ND	.66	U	ND	.66	U	ND	.66	U
Vanadium	ND	5.5	U	ND	5.5	U	ND	5.5	U	ND	5.5	U	ND	5.5	U
Zinc	95.8	4		ND	4	U	ND	4	U	ND	4	U	11.8	4	

EM - 2001 Groundwater Data: Metals
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, New Waste Mgt Facility

	Well ID: 056-22 Date: 11/06/01 Depth: 51			Well ID: 056-23 Date: 02/13/01 Depth: 51			Well ID: 056-23 Date: 05/07/01 Depth: 51			Well ID: 056-23 Date: 08/21/01 Depth: 51			Well ID: 056-23 Date: 11/06/01 Depth: 51		
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	28.3	2.2		3.28	2.2		5.53	2.2		3.87	2.2		31.4	2.2	
Antimony	ND	.88	U	ND	.88	U	ND	.88	U	ND	.88	U	ND	.88	U
Arsenic	ND	3	U	ND	3	U	ND	3	U	ND	3	U	ND	3	U
Barium	20	1.8		23.5	1.8		29	1.8		22.5	1.8		20	1.8	
Beryllium	ND	.66	U	ND	.66	U	ND	.66	U	ND	.66	U	ND	.66	U
Cadmium	ND	1.1	U	ND	1.1	U	ND	1.1	U	ND	1.1	U	ND	1.1	U
Chromium	ND	1	U	ND	1	U	ND	1	U	ND	1	U	ND	1	U
Cobalt	.18	.12		.37	.12		ND	.12	U	.2	.12		.25	.12	
Copper	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U
Iron	ND	75	U	ND	75	U	ND	75	U	ND	75	U	ND	75	U
Lead	ND	1.32	U	ND	1.32	U	ND	1.32	U	ND	1.32	U	ND	1.32	U
Manganese	ND	2	U	ND	2	U	5.46	2		ND	2	U	ND	2	U
Mercury	.1	.1		ND	.1	U	ND	1	U	ND	.1	U	ND	.1	U
Nickel	ND	1.1	U	ND	1.1	U	ND	1.1	U	ND	1.1	U	ND	1.1	U
Selenium	ND	5	U	ND	5	UJ	ND	5	U	ND	5	U	ND	5	U
Silver	ND	1	U	ND	1	U	ND	1	U	ND	1	U	ND	1	U
Sodium	10500	1000		8430	1000		8130	1000		8130	1000		10400	1000	
Thallium	ND	.66	U	ND	.66	U	ND	.66	U	ND	.66	U	ND	.66	U
Vanadium	ND	5.5	U	ND	5.5	U	ND	5.5	U	ND	5.5	U	ND	5.5	U
Zinc	ND	4	U	ND	4	U	11.4	4		22.1	4		ND	4	U

EM - 2001 Groundwater Data: Metals
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, New Waste Mgt Facility

	Well ID: 066-07 Date: 02/13/01 Depth: 75			Well ID: 066-07 Date: 05/08/01 Depth: 75			Well ID: 066-07 Date: 08/21/01 Depth: 75			Well ID: 066-07 Date: 11/07/01 Depth: 75			Well ID: 066-83 Date: 02/13/01 Depth: 51		
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	2.2	U	4.73	2.2		ND	2.2	U	8.67	2.2		ND	2.2	U
Antimony	ND	.88	U	ND	.88	U	ND	.88	U	ND	.88	U	ND	.88	U
Arsenic	ND	3	U	ND	3	U	ND	3	U	ND	3	U	ND	3	U
Barium	20.7	1.8		23.8	1.8		22	1.8		21.5	1.8		17.2	1.8	
Beryllium	ND	.66	U	ND	.66	U	ND	.66	U	ND	.66	U	ND	.66	U
Cadmium	ND	1.1	U	ND	1.1	U	ND	1.1	U	ND	1.1	U	ND	1.1	U
Chromium	1.39	1		1.35	1		ND	1	U	ND	1	U	ND	1	U
Cobalt	.2	.12		.139	.12		ND	.12	U	ND	.12	U	.14	.12	
Copper	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U
Iron	ND	75	U	ND	75	U	ND	75	U	ND	75	U	ND	75	U
Lead	ND	1.32	U	ND	1.32	U	ND	1.32	U	ND	1.32	U	ND	1.32	U
Manganese	ND	2	U	2.88	2		ND	2	U	ND	2	U	ND	2	U
Mercury	ND	.1	U	ND	1	U	ND	.1	U	ND	.1	U	ND	.1	U
Nickel	ND	1.1	U	ND	1.1	U	ND	1.1	U	ND	1.1	U	ND	1.1	U
Selenium	ND	5	UJ	ND	5	U	ND	5	U	ND	5	U	ND	5	UJ
Silver	ND	1	U	ND	1	U	ND	1	U	ND	1	U	ND	1	U
Sodium	17800	1000		14500	1000		14200	1000		9900	1000		12400	1000	
Thallium	ND	.66	U	ND	.66	U	ND	.66	U	ND	.66	U	ND	.66	U
Vanadium	ND	5.5	U	ND	5.5	U	ND	5.5	U	ND	5.5	U	ND	5.5	U
Zinc	ND	4	U	4.91	4		ND	4	U	ND	4	U	ND	4	U

EM - 2001 Groundwater Data: Metals
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, New Waste Mgt Facility

	Well ID: 066-83 Date: 05/08/01 Depth: 51			Well ID: 066-83 Date: 08/21/01 Depth: 51			Well ID: 066-83 Date: 11/06/01 Depth: 51			Well ID: 066-84 Date: 02/13/01 Depth: 68			Well ID: 066-84 Date: 05/07/01 Depth: 67		
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	10.6	2.2		ND	2.2	U	7.61	2.2		ND	2.2	U	3.41	2.2	
Antimony	1.12	.88		ND	.88	U	ND	.88	U	ND	.88	U	1.87	.88	
Arsenic	ND	3	U	ND	3	U	ND	3	U	ND	3	U	ND	3	U
Barium	18.9	1.8		19.7	1.8		7.69	1.8		11.2	1.8		13.4	1.8	
Beryllium	ND	.66	U	ND	.66	U	ND	.66	U	ND	.66	U	ND	.66	U
Cadmium	ND	1.1	U	ND	1.1	U	ND	1.1	U	ND	1.1	U	ND	1.1	U
Chromium	ND	1	U	ND	1	U	ND	1	U	ND	1	U	ND	1	U
Cobalt	ND	.12	U	.33	.12		.17	.12		.31	.12		ND	.12	U
Copper	ND	2	U	ND	2	U	2.17	2		2.02	2		ND	2	U
Iron	ND	75	U	ND	75	U	ND	75	U	ND	75	U	ND	75	U
Lead	ND	1.32	U	ND	1.32	U	ND	1.32	U	ND	1.32	U	ND	1.32	U
Manganese	ND	2	U	ND	2	U	ND	2	U	ND	2	U	ND	2	U
Mercury	ND	1	U	ND	.1	U	.11	.1		ND	.1	U	ND	1	U
Nickel	ND	1.1	U	ND	1.1	U	ND	1.1	U	ND	1.1	U	ND	1.1	U
Selenium	ND	5	U	ND	5	U	ND	5	U	ND	5	UJ	ND	5	U
Silver	ND	1	U	ND	1	U	ND	1	U	ND	1	U	ND	1	U
Sodium	13500	1000		13300	1000		10800	1000		14700	1000		13600	1000	
Thallium	ND	.66	U	ND	.66	U	ND	.66	U	ND	.66	U	ND	.66	U
Vanadium	ND	5.5	U	ND	5.5	U	ND	5.5	U	ND	5.5	U	ND	5.5	U
Zinc	ND	4	U	ND	4	U	ND	4	U	ND	4	U	6.97	4	

EM - 2001 Groundwater Data: Metals
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, New Waste Mgt Facility

	Well ID: 066-84 Date: 08/21/01 Depth: 68			Well ID: 066-84 Date: 11/06/01 Depth: 70		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Aluminum	ND	2.2	U	29.6	2.2	
Antimony	ND	.88	U	ND	.88	U
Arsenic	ND	3	U	ND	3	U
Barium	14.7	1.8		12.3	1.8	
Beryllium	ND	.66	U	ND	.66	U
Cadmium	ND	1.1	U	ND	1.1	U
Chromium	ND	1	U	ND	1	U
Cobalt	ND	.12	U	ND	.12	U
Copper	ND	2	U	7.57	2	
Iron	ND	75	U	ND	75	U
Lead	ND	1.32	U	ND	1.32	U
Manganese	ND	2	U	ND	2	U
Mercury	ND	.1	U	ND	.1	U
Nickel	ND	1.1	U	ND	1.1	U
Selenium	ND	5	U	ND	5	U
Silver	ND	1	U	ND	1	U
Sodium	14500	1000		16000	1000	
Thallium	ND	.66	U	ND	.66	U
Vanadium	ND	5.5	U	ND	5.5	U
Zinc	12.7	4		ND	4	U

FM - 2001 Facility Monitoring Data: Chemistry Parameters
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, New Waste Mgt Facility

	Well ID:055-03 Date:02/13/01 Depth: 50			Well ID:055-03 Date:05/11/01 Depth: 50			Well ID:055-03 Date:08/22/01 Depth: 50			Well ID:055-03 Date:11/06/01 Depth: 50			Well ID:055-10 Date:02/13/01 Depth: 94		
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
Chloride	17300	4000		46200	4000	J	111000	4000	J	43400	4000		28100	4000	
Nitrate (as N)	ND	1000	UJ	1100	1000	J	1100	1000	J	ND	1000	U	ND	1000	UJ
Sulfate	10400	4000	J	10000	4000	J	11700	4000	J	7900	4000		13300	4000	J

FM - 2001 Facility Monitoring Data: Chemistry Parameters
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, New Waste Mgt Facility

	Well ID:055-10 Date:05/11/01 Depth: 94			Well ID:055-10 Date:08/22/01 Depth: 94			Well ID:055-10 Date:11/06/01 Depth: 94			Well ID:056-21 Date:02/13/01 Depth: 51			Well ID:056-21 Date:05/07/01 Depth: 51		
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
Chloride	33500	4000	J	33600	4000		28300	4000		14200	4000		18600	4000	
Nitrate (as N)	ND	1000	UJ	ND	1000	UJ	ND	1000	U	1000	1000	J	ND	1000	U
Sulfate	9600	4000	J	9100	4000	J	14400	4000		16400	4000	J	15600	4000	

FM - 2001 Facility Monitoring Data: Chemistry Parameters
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, New Waste Mgt Facility

	Well ID:056-21 Date:08/21/01 Depth: 51			Well ID:056-21 Date:11/06/01 Depth: 51			Well ID:056-22 Date:02/13/01 Depth: 51			Well ID:056-22 Date:05/07/01 Depth: 51			Well ID:056-22 Date:08/21/01 Depth: 51		
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
Chloride	33500	4000		19300	4000		10100	4000		10200	4000		12400	4000	
Nitrate (as N)	1900	1000	J	1100	1000		2500	1000	J	2000	1000		2100	1000	J
Sulfate	20600	4000	J	21500	4000		18800	4000	J	19400	4000		18800	4000	J

FM - 2001 Facility Monitoring Data: Chemistry Parameters
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, New Waste Mgt Facility

	Well ID:056-22 Date:11/06/01 Depth: 51			Well ID:056-23 Date:02/13/01 Depth: 51			Well ID:056-23 Date:05/07/01 Depth: 51			Well ID:056-23 Date:08/21/01 Depth: 51			Well ID:056-23 Date:11/06/01 Depth: 51		
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
Chloride	14800	4000		10300	4000		11100	4000		9300	4000		8100	4000	
Nitrate (as N)	2000	1000		1700	1000	J	3200	1000		1300	1000	J	1900	1000	
Sulfate	15800	4000		16500	4000	J	15900	4000		16400	4000	J	15100	4000	

FM - 2001 Facility Monitoring Data: Chemistry Parameters
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, New Waste Mgt Facility

	Well ID:066-07 Date:02/13/01 Depth: 75			Well ID:066-07 Date:05/08/01 Depth: 75			Well ID:066-07 Date:08/21/01 Depth: 75			Well ID:066-07 Date:11/07/01 Depth: 75			Well ID:066-83 Date:02/13/01 Depth: 51		
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
Chloride	19000	4000		19800	4000		28500	4000		16500	4000		10900	4000	
Nitrate (as N)	1900	1000	J	2400	1000		1900	1000	J	3900	1000		1100	1000	J
Sulfate	24300	4000	J	23700	4000		18800	4000	J	14700	4000		14600	4000	J

FM - 2001 Facility Monitoring Data: Chemistry Parameters
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, New Waste Mgt Facility

	Well ID:066-83 Date:05/08/01 Depth: 51			Well ID:066-83 Date:08/21/01 Depth: 51			Well ID:066-83 Date:11/06/01 Depth: 51			Well ID:066-84 Date:02/13/01 Depth: 68			Well ID:066-84 Date:05/07/01 Depth: 67		
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
Chloride	12900	4000		9700	4000		9100	4000		16500	4000		17500	4000	
Nitrate (as N)	ND	1000	U	1600	1000	J	ND	1000	U	ND	1000	UJ	ND	1000	U
Sulfate	12900	4000		20100	4000	J	7600	4000		9400	4000	J	9500	4000	

FM - 2001 Facility Monitoring Data: Chemistry Parameters
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, New Waste Mgt Facility

	Well ID:066-84 Date:08/21/01 Depth: 68			Well ID:066-84 Date:11/06/01 Depth: 70		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Chloride	18000	4000		18300	4000	
Nitrate (as N)	ND	1000	UJ	ND	1000	U
Sulfate	10100	4000	J	9800	4000	

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, New Waste Mgt Facility

	Well ID: 055-03 Date: 02/13/01 Depth: 50				Well ID: 055-03 Date: 05/11/01 Depth: 50				Well ID: 055-03 Date: 08/22/01 Depth: 50			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Beryllium-7												
Bismuth-214					18.3	0	3.67					
Gross Alpha	<MDL	.682	.382	U	5.69	.782	.821		<MDL	.83	.458	U
Gross Beta	<MDL	2.09	1.27	U	6	2.16	1.49		4.79	2.28	1.51	
Lead-214	8.98	0	3.39		18.3	0	3.6					
Potassium-40									33	0	20.8	
Tritium	<MDL	344	211	U	<MDL	344	211	U	<MDL	314	182	U

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, New Waste Mgt Facility

	Well ID: 055-03 Date: 11/06/01 Depth: 50				Well ID: 055-10 Date: 02/13/01 Depth: 94				Well ID: 055-10 Date: 05/11/01 Depth: 94			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Beryllium-7												
Bismuth-214									20.1	0	4.64	
Gross Alpha	<MDL	.751	.402	U	.862	.682	.474		<MDL	.782	.386	U
Gross Beta	<MDL	1.94	1.2	U	2.38	2.09	1.32		<MDL	2.16	1.27	U
Lead-214												
Potassium-40	24.4	0	19.3									
Tritium	<MDL	313	204	U	<MDL	344	213	U	<MDL	344	225	U

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, New Waste Mgt Facility

	Well ID: 055-10 Date: 08/22/01 Depth: 94				Well ID: 055-10 Date: 11/06/01 Depth: 94				Well ID: 056-21 Date: 02/13/01 Depth: 51			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Beryllium-7												
Bismuth-214												
Gross Alpha	5.32	.83	.888		<MDL	.751	.437	U	<MDL	.682	.375	U
Gross Beta	2.35	2.28	1.43		<MDL	1.94	1.2	U	2.76	2.09	1.33	
Lead-214	10.1	0	3.42									
Potassium-40												
Tritium	<MDL	314	186	U	<MDL	313	207	U	<MDL	344	215	U

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, New Waste Mgt Facility

	Well ID: 056-21 Date: 05/07/01 Depth: 51				Well ID: 056-21 Date: 08/21/01 Depth: 51				Well ID: 056-21 Date: 11/06/01 Depth: 51			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Beryllium-7												
Bismuth-214					10.4	0	3.78					
Gross Alpha	<MDL	.782	.489	U	<MDL	.83	.482	U	<MDL	.751	.407	U
Gross Beta	5.72	2.16	1.48		2.68	2.28	1.44		2.46	1.94	1.24	
Lead-214	16	0	3.24									
Potassium-40					32.6	0	23					
Tritium	<MDL	317	193	U	<MDL	314	178	U	<MDL	313	198	U

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, New Waste Mgt Facility

	Well ID: 056-22 Date: 02/13/01 Depth: 51				Well ID: 056-22 Date: 05/07/01 Depth: 51				Well ID: 056-22 Date: 08/21/01 Depth: 51			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Beryllium-7												
Bismuth-214	12.3	0	3.48		17.1	0	3.29		15.6	0	3.77	
Gross Alpha	<MDL	.682	.338	U	<MDL	.782	.425	U	<MDL	.83	.493	U
Gross Beta	3.21	2.09	1.35		2.18	2.16	1.35		2.59	2.28	1.44	
Lead-214	7.7	0	3.25		15.8	0	3.77		15.2	0	3.94	
Potassium-40	43.9	0	25.6									
Tritium	<MDL	344	218	U	<MDL	317	190	U	<MDL	314	185	U

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, New Waste Mgt Facility

	Well ID: 056-22 Date: 11/06/01 Depth: 51				Well ID: 056-23 Date: 02/13/01 Depth: 51				Well ID: 056-23 Date: 05/07/01 Depth: 51			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Beryllium-7												
Bismuth-214					9.55	0	3.48					
Gross Alpha	<MDL	.751	.413	U	1.78	.682	.568		<MDL	.782	.431	U
Gross Beta	2.25	1.94	1.23		14.5	2.09	1.7		2.68	2.16	1.37	
Lead-214					9.55	0	3.29		17.6	0	3.75	
Potassium-40									43.4	0	21	
Tritium	<MDL	313	202	U	<MDL	344	217	U	<MDL	317	195	U

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, New Waste Mgt Facility

	Well ID: 056-23 Date: 08/21/01 Depth: 51				Well ID: 056-23 Date: 11/06/01 Depth: 51				Well ID: 066-07 Date: 02/13/01 Depth: 75			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Beryllium-7									990	0	99.6	
Bismuth-214												
Gross Alpha	.923	.83	.55		<MDL	.751	.442	U	<MDL	.682	.375	U
Gross Beta	3.49	2.28	1.47		1.99	1.94	1.22		2.61	2.09	1.33	
Lead-214					7.09	0	3.55					
Potassium-40					25.7	0	23.1					
Tritium	<MDL	314	176	U	<MDL	313	199	U	<MDL	344	228	U

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, New Waste Mgt Facility

	Well ID: 066-07 Date: 05/08/01 Depth: 75				Well ID: 066-07 Date: 08/21/01 Depth: 75				Well ID: 066-07 Date: 11/07/01 Depth: 75			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Beryllium-7												
Bismuth-214												
Gross Alpha	<MDL	.782	.424	U	<MDL	.83	.482	U	<MDL	.751	.361	U
Gross Beta	5.25	2.16	1.46		<MDL	2.28	1.4	U	6.42	1.94	1.38	
Lead-214												
Potassium-40									35.1	0	23	
Tritium	<MDL	317	196	U	<MDL	314	197	U	<MDL	325	216	U

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, New Waste Mgt Facility

	Well ID: 066-83 Date: 02/13/01 Depth: 51				Well ID: 066-83 Date: 05/08/01 Depth: 51				Well ID: 066-83 Date: 08/21/01 Depth: 51			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Beryllium-7												
Bismuth-214									14.2	0	3.86	
Gross Alpha	<MDL	.682	.375	U	<MDL	.782	.399	U	<MDL	.83	.465	U
Gross Beta	<MDL	2.09	1.3	U	<MDL	2.16	1.34	U	<MDL	2.28	1.37	U
Lead-214	6.13	0	3.18		8.69	0	3.1					
Potassium-40	38.3	0	24.5						28.8	0	24.6	
Tritium	<MDL	344	211	U	<MDL	317	191	U	<MDL	314	189	U

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, New Waste Mgt Facility

	Well ID: 066-83 Date: 11/06/01 Depth: 51				Well ID: 066-84 Date: 02/13/01 Depth: 68				Well ID: 066-84 Date: 05/07/01 Depth: 67			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Beryllium-7												
Bismuth-214												
Gross Alpha	<MDL	.751	.403	U	<MDL	.682	.346	U	<MDL	.782	.406	U
Gross Beta	<MDL	1.94	1.17	U	<MDL	2.09	1.3	U	<MDL	2.16	1.32	U
Lead-214												
Potassium-40												
Tritium	<MDL	313	200	U	<MDL	344	237	U	<MDL	317	194	U

FM - 2001 Facility Monitoring Data: Radionuclides
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, New Waste Mgt Facility

	Well ID: 066-84 Date: 08/21/01 Depth: 68				Well ID: 066-84 Date: 11/06/01 Depth: 70			
Analyte	Result (pCi/L)	Detection Limit	Unc.	Qual.	Result (pCi/L)	Detection Limit	Unc.	Qual.
Beryllium-7								
Bismuth-214								
Gross Alpha	<MDL	.83	.493	U	<MDL	.751	.349	U
Gross Beta	<MDL	2.28	1.39	U	<MDL	1.94	1.21	U
Lead-214	9.59	0	3.14					
Potassium-40								
Tritium	<MDL	314	180	U	<MDL	313	194	U

WATER TREATMENT PLANT

ANALYTICAL RESULTS

EM - 2001 Groundwater Data: Metals
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, Water Treatment Plant

	Well ID: 063-03 Date: 06/26/01 Depth: 40			Well ID: 073-01 Date: 06/26/01 Depth: 42			Well ID: 073-02 Date: 06/26/01 Depth: 38		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Aluminum	11	2.2	J	9.37	2.2	J	6.2	2.2	J
Antimony	ND	.88	U	ND	.88	U	ND	.88	U
Arsenic	ND	3	U	ND	3	U	ND	3	U
Barium	4.27	1.8		4.14	1.8		5.22	1.8	
Beryllium	ND	.66	U	ND	.66	U	ND	.66	U
Cadmium	ND	1.1	U	ND	1.1	U	ND	1.1	U
Chromium	ND	1	U	ND	1	U	ND	1	U
Cobalt	ND	.12	U	ND	.12	U	ND	.12	U
Copper	ND	2	U	5.94	2		ND	2	U
Iron	ND	75	U	ND	75	U	ND	75	U
Lead	ND	1.32	U	ND	1.32	U	ND	1.32	U
Manganese	ND	2	U	ND	2	U	ND	2	U
Mercury	ND	.1	U	ND	.1	U	ND	.1	U
Nickel	ND	1.1	U	1.17	1.1		ND	1.1	U
Selenium	ND	5	U	ND	5	U	ND	5	U
Silver	ND	1	U	ND	1	U	ND	1	U
Sodium	12500	1000		12900	1000		12400	1000	
Thallium	ND	.66	U	ND	.66	U	ND	.66	U
Vanadium	ND	5.5	U	ND	5.5	U	ND	5.5	U
Zinc	ND	4	U	ND	4	U	ND	4	U

FM - 2001 Facility Monitoring Data: Chemistry Parameters
Brookhaven National Laboratory
Project: 2001 Facility Monitoring, Water Treatment Plant

	Well ID:063-03 Date:06/26/01 Depth: 40			Well ID:073-01 Date:06/26/01 Depth: 42			Well ID:073-02 Date:06/26/01 Depth: 38		
Analyte	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual	Result (ug/L)	Detection Limit	Qual
Chloride	21000	4000		21700	4000		20200	4000	
Nitrate (as N)	ND	1000	UJ	ND	1000	UJ	ND	1000	UJ
Sulfate	11800	4000		9400	4000		9400	4000	