Appendix D

2003 Environmental Surveillance

Analytical Results

AGS Research Areas

Analytical Results

FM - 2003 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: AGS Research Areas

Analyte	**054-07 depth: 35 1/31/2003** pCi/L				**054-07 depth: 35 4/17/2003** pCi/L				**054-07 depth: 35 7/15/2003** pCi/L				**054-07 depth: 35 10/6/2003** pCi/L				**054-08 depth: 47.5 8/5/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Tritium	**1040000**		335	21000	**82800**		339	1690	**112000**		446	2260	**27500**		291	793	98.2	U	286	188

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Analyte	**054-124 depth: 37 1/23/2003** pCi/L				**054-124 depth: 32.5 4/17/2003** pCi/L				**054-124 depth: 32.5 7/15/2003** pCi/L				**054-124 depth: 32.5 10/6/2003** pCi/L				**054-125 depth: 32.5 5/9/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Tritium	923		382	281	-86.2	U	339	261	-38.9	U	357	232	81	U	294	199	118	U	273	175

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Analyte	**054-125 depth: 32.5 11/13/2003** pCi/L				**054-126 depth: 37 1/23/2003** pCi/L				**054-126 depth: 32.5 4/17/2003** pCi/L				**054-126 depth: 32.5 7/15/2003** pCi/L				**054-126 depth: 32.5 10/6/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Tritium	188	U	369	232	281	U	382	241	-205	U	339	251	7.21	U	295	176	-14.2	U	295	195

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Analyte	**054-127 depth: 29.5 5/23/2003** pCi/L				**054-127 depth: 29.5 11/13/2003** pCi/L				**054-128 depth: 30 5/21/2003** pCi/L				**054-128 depth: 25 11/13/2003** pCi/L				**054-129 depth: 28 5/21/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Tritium	145	U	334	226	135	U	369	229	577		277	202	53.8	U	287	182	167	U	277	180

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Analyte	**054-129 depth: 30 11/13/2003** pCi/L				**054-130 depth: 30 5/21/2003** pCi/L				**054-130 depth: 30 11/13/2003** pCi/L				**054-168 depth: 25 5/21/2003** pCi/L				**054-168 depth: 25 11/13/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Tritium	232	U	281	188	321		279	190	265	U	284	191	73.2	U	276	174	50.5	U	290	184

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Analyte	**054-169 depth: 24.5 5/9/2003** pCi/L				**054-169 depth: 25 11/13/2003** pCi/L				**054-184 depth: 40 4/17/2003** pCi/L				**054-184 depth: 40 7/24/2003** pCi/L				**054-184 depth: 40 10/7/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Tritium	-75.1	U	273	164	-9.53	U	285	177	**490000**		275	9890	**162000**		514	3270	**102000**		400	2070

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Analyte	**054-185 depth: 44 1/23/2003** pCi/L				**054-185 depth: 34 4/17/2003** pCi/L				**054-185 depth: 34 7/24/2003** pCi/L				**054-185 depth: 34 10/8/2003** pCi/L				**054-62 depth: 25 5/7/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Tritium	3160		382	382	**525000**		275	10600	**254000**		658	5130	**113000**		440	2290	-21.3	U	290	204

Analyte	**054-62 depth: 25.7 11/13/2003** pCi/L				**054-63 depth: 50 5/7/2003** pCi/L				**054-63 depth: 49.8 11/6/2003** pCi/L				**054-64 depth: 50 5/7/2003** pCi/L				**054-64 depth: 49.5 11/6/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Tritium	76.1	U	343	206	223	U	290	218	84.3	U	355	223	199	U	317	222	450		358	246

Analyte	**054-65 depth: 25 1/23/2003** pCi/L				**054-65 depth: 35.2 4/17/2003** pCi/L				**054-65 depth: 25.2 7/15/2003** pCi/L				**054-65 depth: 23.2 10/8/2003** pCi/L				**054-66 depth: 25.5 5/23/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Tritium	77.8	U	382	230	-43.7	U	275	186	109	U	295	181	60.4	U	352	241	160	U	334	227

Analyte	**054-66 depth: 25 11/13/2003** pCi/L				**054-67 depth: 25.1 5/9/2003** pCi/L				**054-67 depth: 25.1 11/13/2003** pCi/L				**054-68 depth: 25 5/27/2003** pCi/L				**054-68 depth: 24.8 11/13/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Tritium	-129	U	359	206	106	U	273	176	200	U	366	231	81.4	U	291	186	164	U	365	228

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Analyte	**054-69 depth: 25 5/27/2003** pCi/L				**054-69 depth: 24.8 11/13/2003** pCi/L				**055-14 depth: 25 5/7/2003** pCi/L				**055-14 depth: 24.5 5/23/2003** pCi/L				**055-14 depth: 22.7 11/6/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Tritium	57.4	U	290	184	73.7	U	360	220	1060		326	273	962		333	270	453		354	244

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Analyte	**055-15 depth: 26 5/6/2003** pCi/L				**055-15 depth: 25.5 11/13/2003** pCi/L				**055-16 depth: 26 5/6/2003** pCi/L				**055-16 depth: 23.2 11/6/2003** pCi/L				**055-29 depth: 39.5 5/6/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Tritium	59.5	U	326	217	568		338	233	125	U	326	221	-123	U	356	210	42.8	U	326	215

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Analyte	**055-29 depth: 57 11/6/2003** pCi/L				**055-30 depth: 27.5 5/7/2003** pCi/L				**055-30 depth: 30 11/6/2003** pCi/L				**055-31 depth: 50 1/21/2003** pCi/L				**055-31 depth: 50 4/17/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Tritium	206	U	358	232	-108	U	290	199	47.4	U	356	221	380		331	232	220	U	339	275

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Analyte	**055-31 depth: 50 7/23/2003** pCi/L				**055-31 depth: 50 10/7/2003** pCi/L				**055-32 depth: 48 5/6/2003** pCi/L				**055-32 depth: 47.5 11/13/2003** pCi/L				**064-03 depth: 48 5/7/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Tritium	246	U	301	192	431		341	259	437		326	242	3510		337	363	68.5	U	290	208

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Analyte	**064-03 depth: 48 11/5/2003** pCi/L				**064-51 depth: 41 8/5/2003** pCi/L				**064-53 depth: 40 5/7/2003** pCi/L				**064-53 depth: 39.8 11/5/2003** pCi/L				**064-54 depth: 40 5/7/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Tritium	58.7	U	364	226	49.7	U	287	186	-35.9	U	290	205	55	U	363	225	822		290	244

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Analyte	**064-54 depth: 40.5 11/6/2003** pCi/L				**064-55 depth: 30.5 5/21/2003** pCi/L				**064-55 depth: 30.5 11/6/2003** pCi/L				**064-56 depth: 29.5 5/21/2003** pCi/L				**064-56 depth: 29.5 11/6/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Tritium	243	U	357	234	472		330	251	3430		359	379	404		336	250	877		361	271

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Analyte	**064-80 depth: 29.5 5/21/2003** pCi/L				**064-80 depth: 29.5 11/6/2003** pCi/L				**064-95 depth: 47 1/23/2003** pCi/L				**064-95 depth: 47.2 4/22/2003** pCi/L				**064-95 depth: 47.2 7/24/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Tritium	766		326	265	207	U	357	231	1270		382	300	865		276	234	757		337	265

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Analyte	**064-95 depth: 47.2 10/7/2003** pCi/L				**065-120 depth: 30 5/27/2003** pCi/L				**065-120 depth: 29.9 11/5/2003** pCi/L				**065-121 depth: 25 1/18/2003** pCi/L				**065-121 depth: 26.5 4/4/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Tritium	415		339	256	192	U	292	193	77.2	U	361	226	938		331	255	2000		273	287

Analyte	**065-121 depth: 26.5 7/14/2003** pCi/L				**065-121 depth: 26.5 10/7/2003** pCi/L				**065-122 depth: 25 1/18/2003** pCi/L				**065-122 depth: 24.5 4/16/2003** pCi/L				**065-122 depth: 26.3 7/15/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Tritium	1180		304	261	1460		343	315	**40100**		331	936	**171000**		250	3450	**118000**		457	2380

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Analyte	**065-122 depth: 26.3 10/7/2003** pCi/L				**065-123 depth: 25 1/18/2003** pCi/L				**065-123 depth: 25.7 4/16/2003** pCi/L				**065-123 depth: 25.7 7/15/2003** pCi/L				**065-123 depth: 25.7 10/7/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Tritium	**476000**		951	9600	4950		331	382	4080		250	336	7320		352	516	1230		355	308

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Analyte	**065-124 depth: 25 1/18/2003** pCi/L				**065-124 depth: 25.8 4/16/2003** pCi/L				**065-124 depth: 25.8 7/15/2003** pCi/L				**065-124 depth: 25.8 10/7/2003** pCi/L				**065-125 depth: 25 1/18/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Tritium	1920		331	285	422		250	196	216	U	358	249	159	U	353	247	457		331	228

Analyte	**065-125 depth: 25.5 4/16/2003** pCi/L				**065-125 depth: 25.5 7/15/2003** pCi/L				**065-125 depth: 25.5 10/7/2003** pCi/L				**065-126 depth: 25 1/21/2003** pCi/L				**065-126 depth: 26 4/17/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Tritium	181	U	250	184	97.2	U	295	180	734		356	282	-79	U	331	208	-179	U	339	253

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Analyte	**065-126 depth: 26 7/23/2003** pCi/L				**065-126 depth: 25.8 10/7/2003** pCi/L				**065-192 depth: 52 5/27/2003** pCi/L				**065-192 depth: 52.5 11/5/2003** pCi/L				**065-193 depth: 55 1/18/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Tritium	-14.5	U	302	179	204	U	342	245	63.8	U	291	186	-31.3	U	358	217	117	U	331	218

Analyte	**065-193 depth: 55 4/4/2003** pCi/L				**065-193 depth: 55 7/14/2003** pCi/L				**065-193 depth: 55 10/7/2003** pCi/L				**065-194 depth: 50 1/18/2003** pCi/L				**065-194 depth: 50 4/16/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Tritium	-0.803	U	273	198	-52.6	U	304	203	155	U	343	243	8.33	U	331	201	174	U	250	180

Analyte	**065-194 depth: 50 7/15/2003** pCi/L				**065-194 depth: 50 10/7/2003** pCi/L				**065-195 depth: 50 4/16/2003** pCi/L				**065-195 depth: 50 7/15/2003** pCi/L				**065-195 depth: 50 10/7/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Tritium	0.732	U	356	234	27.4	U	353	239	320		250	194	101	U	295	181	187	U	356	252

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Analyte	**065-321 depth: 32 1/18/2003** pCi/L				**065-321 depth: 34.5 4/4/2003** pCi/L				**065-321 depth: 35 7/14/2003** pCi/L				**065-321 depth: 32 10/7/2003** pCi/L				**065-322 depth: 32 1/18/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Tritium	1650		331	273	869		273	240	916		306	251	900		352	289	1110		331	252

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Analyte	**065-322 depth: 34.5 4/4/2003** pCi/L				**065-322 depth: 35 7/14/2003** pCi/L				**065-322 depth: 32 10/7/2003** pCi/L				**065-323 depth: 30 1/18/2003** pCi/L				**065-323 depth: 30 4/4/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Tritium	936		273	245	592		356	269	1140		354	303	1830		331	279	2670		273	313

Analyte	**065-323 depth: 30 7/15/2003** pCi/L				**065-323 depth: 30 10/7/2003** pCi/L				**065-324 depth: 24 1/18/2003** pCi/L				**065-324 depth: 30.5 4/16/2003** pCi/L				**065-324 depth: 28 7/15/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Tritium	7070		353	509	8640		355	567	4200		331	358	**29700**		250	795	18800		358	781

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Analyte	**065-324 depth: 30.5 10/7/2003** pCi/L			
	Result	Qual	MDA	Error
Tritium	**22600**		353	864

BLIP Facility

Analytical Results

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Analyte	**054-61 depth: 25 1/27/2003** pCi/L				**054-61 depth: 25 4/4/2003** pCi/L				**064-46 depth: 55 1/27/2003** pCi/L				**064-46 depth: 52.5 3/12/2003** pCi/L				**064-46 depth: 54.5 4/4/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Bismuth-214													62.7		0	6.55				
Lead-212																				
Lead-214													60.8		0	6.13				
Potassium-40																				
Sodium-22																				
Tritium	173	U	320	193	3.96	U	313	259	22	U	320	189	-107	U	352	265	88.6	U	313	261

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Analyte	**064-46 depth: 54.5 7/14/2003** pCi/L				**064-47 depth: 55 1/27/2003** pCi/L				**064-47 depth: 55.5 4/3/2003** pCi/L				**064-47 depth: 55.5 7/14/2003** pCi/L				**064-47 depth: 55.5 9/4/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Bismuth-214									18.3		0	4.15					15.8		0	3.93
Lead-212																				
Lead-214									17.4		0	5.64					10.4		0	4.33
Potassium-40																				
Sodium-22									2.35		0	1.27					5.13		0	1.9
Tritium	-17	U	303	204	348		320	205	115	U	346	253	1100		303	257	1010		350	274

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Analyte	**064-47 depth: 55.5 10/6/2003** pCi/L				**064-47 depth: 55.5 11/5/2003** pCi/L				**064-48 depth: 55 1/27/2003** pCi/L				**064-48 depth: 55.5 4/3/2003** pCi/L				**064-48 depth: 55.5 7/14/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Bismuth-214																				
Lead-212													5.33		0	3.49				
Lead-214	19.9		0	3.8									20.1		0	3.71				
Potassium-40	28.1		0	23.1																
Sodium-22	3.42		0	1.3									13.7		0	2.13				
Tritium	1230		298	257	489		303	210	3740		320	338	3440		346	400	**27800**		304	808

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Analyte	**064-48 depth: 55.5 9/4/2003** pCi/L				**064-48 depth: 55.5 10/6/2003** pCi/L				**064-48 depth: 55.5 11/5/2003** pCi/L				**064-49 depth: 40 1/27/2003** pCi/L				**064-49 depth: 40 4/4/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Bismuth-214					18.8		0	4.18												
Lead-212																				
Lead-214	14.2		0	4.28	15.5		0	5.49												
Potassium-40					44.5		0	28.6												
Sodium-22	43.7		0	4.44	47.3		0	3.8												
Tritium	**28500**		350	909	**42900**		295	988	15500		303	591	76.2	U	320	189	0.78	U	313	255

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Analyte	**064-49 depth: 53.5 10/6/2003** pCi/L				**064-50 depth: 40 1/27/2003** pCi/L				**064-50 depth: 40.5 4/4/2003** pCi/L				**064-50 depth: 40.5 7/14/2003** pCi/L				**064-50 depth: 40.5 10/6/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Bismuth-214																				
Lead-212																				
Lead-214																				
Potassium-40																				
Sodium-22																				
Tritium	-0.83	U	299	198	4830		320	367	4480		313	451	3720		303	352	3150		298	329

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Analyte	**064-67 depth: 59 1/27/2003** pCi/L				**064-67 depth: 58.5 3/12/2003** pCi/L				**064-67 depth: 58.5 4/3/2003** pCi/L				**064-67 depth: 54 5/21/2003** pCi/L				**064-67 depth: 58.5 7/14/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Bismuth-214									26		0	3.89								
Lead-212																				
Lead-214									23.1		0	3.56	16.1		0	4.45				
Potassium-40																	40.3		0	23.2
Sodium-22									53.6		0	4.9	185		0	15.9	113		0	9.98
Tritium	**27700**		320	788	**23600**		352	907	**37800**		346	1070	**30300**		332	977	16400		301	631

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Analyte	**064-67 depth: 58.5 9/4/2003** pCi/L				**064-67 depth: 57.5 10/6/2003** pCi/L				**064-67 depth: 57.5 11/5/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Bismuth-214	16.3		0	4.24	22.2		0	4.57				
Lead-212												
Lead-214	11.1		0	4.81	17		0	5.11				
Potassium-40	50.7		0	28.1								
Sodium-22	168		0	11.4	165		0	12.2				
Tritium	11400		352	601	5460		295	397	4550		303	356

Major Petroleum Facility
Analytical Results

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Analyte	076-16 depth: 35 4/16/2003 (ug/L)		076-16 depth: 35 10/13/2003 (ug/L)		076-17 depth: 35 4/16/2003 (ug/L)		076-17 depth: 35 10/13/2003 (ug/L)		076-18 depth: 30 1/31/2003 (ug/L)		076-18 depth: 30 4/15/2003 (ug/L)		076-18 depth: 30 5/23/2003 (ug/L)		076-18 depth: 30 8/21/2003 (ug/L)	
1,1,1,2-Tetrachloroethane									0.5	U			0.5	U	0.5	U
1,1,1-Trichloroethane	1	U	5	U	1	U	5	U	0.5	U	1	U	0.5	U	0.5	U
1,1,2,2-Tetrachloroethane	1	U	5	U	1	U	5	U	0.5	U	1	U	0.5	U	0.5	U
1,1,2-Trichloroethane	1	U	5	U	1	U	5	U	0.5	U	1	U	0.5	U	0.5	U
1,1-Dichloroethane	1	U	5	U	1	U	5	U	0.5	U	1	U	0.5	U	0.5	U
1,1-Dichloroethylene	1	U	5	U	1	U	5	U	0.5	U	1	U	0.5	U	0.5	U
1,1-Dichloropropene									0.5	U			0.5	U	0.5	U
1,2,3-Trichlorobenzene									1.1				0.5	U	0.5	U
1,2,3-Trichloropropane									0.5	U			0.5	U	0.5	U
1,2,4-Trichlorobenzene									0.97				0.5	U	0.5	U
1,2-Dichloroethane	1	U	5	U	1	U	5	U	0.5	U	1	U	0.5	U	0.5	U
1,2-Dichloropropane	1	U	5	U	1	U	5	U	0.5	U	1	U	0.5	U	0.5	U
1,3-Dichloropropane									0.5	U			0.5	U	0.5	U
2,2-Dichloropropane									0.5	U			0.5	U	0.5	U
2-Hexanone	5	U	10	U	5	U	10	U			5	U				
Acetone	5	U	10	U	5	U	10	U			5	U				
Benzene	1	U	5	U	1	U	5	U	0.5	U	1	U	0.5	U	0.5	U
Benzene, 1,2,4-trimethyl									0.28	J			0.5	U	0.5	U
Benzene, 1,3,5-trimethyl-									0.5	U			0.5	U	0.5	U
Benzene, 1-methylethyl-									0.5	U			0.5	U	0.5	U
Bromobenzene									0.5	U			0.5	U	0.5	U
Bromodichloromethane	1	U	5	U	1	U	5	U	0.5	U	1	U	0.5	U	0.5	U
Bromoform	1	U	5	U	1	U	5	U	0.5	U	1	U	0.5	U	0.5	U
Carbon disulfide	1	U	5	U	1	U	5	U			1	U				
Carbon tetrachloride	1	U	5	U	1	U	5	U	0.5	U	1	U	0.5	U	0.5	U
Chlorobenzene	1	U	5	U	1	U	5	U	0.5	U	1	U	0.5	U	0.5	U
Chlorobromomethane									0.5	U			0.5	U	0.5	U
Chloroethane	1	U	10	U	1	U	10	U	0.5	U	1	U	0.5	U	0.5	U
Chloroform	1	U	5	U	1	U	5	U	0.5	U	1	U	0.5	U	0.5	U
cis-1,2-Dichloroethylene									0.5	U			0.5	U	0.5	U
cis-1,3-Dichloropropene	1	U	5	U	1	U	5	U	0.5	U	1	U	0.5	U	0.5	U
Cymene									0.38	J			0.5	U	0.5	U
DBCP									0.5	U			0.5	U	0.5	U
Dibromochloromethane	1	U	5	U	1	U	5	U	0.5	U	1	U	0.5	U	0.5	U
Dibromomethane									0.5	U			0.5	U	0.5	U
Dichlorodifluoromethane									0.5	U			0.5	U	0.5	U
EDB									0.5	U			0.5	U	0.5	U
Ethene, 1,2-dichloro-, (E)-	1	U	5	U	1	U	5	U	0.5	U	1	U	0.5	U	0.5	U
Ethylbenzene	1	U	5	U	1	U	5	U	0.5	U	1	U	0.5	U	0.5	U
Hexachlorobutadiene									**0.54**				0.5	U	0.5	U
m-Dichlorobenzene	1	U	5	U	1	U	5	U	0.36	J	1	U	0.5	U	0.5	U
m/p xylene									0.5	U			0.5	U	0.5	U
Methyl bromide	1	U	10	U	1	U	10	U	0.5	U	1	U	0.5	U	0.5	U
Methyl chloride	1	U	10	U	1	U	10	U	0.5	U	1	U	0.5	U	0.5	U
Methyl ethyl ketone	5	U	10	U	5	U	10	U			5	U				
Methyl isobutyl ketone (MIBK)	5	U	10	U	5	U	10	U			5	U				
Methyl tert-butyl ether	1	U	10	U	1	U	10	U			1	U	0.5	U	0.5	U
Methylene chloride	**13**	B	5	U	**13**	B	5	U	0.5	U	**12**	B	0.5	U	0.5	U
n-Butylbenzene									0.45	J			0.5	U	0.5	U
n-Propylbenzene									0.5	U			0.5	U	0.5	U
Naphthalene									0.61				0.5	U	0.5	U
o-Chlorotoluene									0.5	U			0.5	U	0.5	U
o-Dichlorobenzene	1	U	5	U	1	U	5	U	0.34	J	1	U	0.5	U	0.5	U
o-Xylene									0.5	U			0.5	U	0.5	U
p-Chlorotoluene									0.5	U			0.5	U	0.5	U
p-Dichlorobenzene	1	U	5	U	1	U	5	U	0.35	J	1	U	0.5	U	0.5	U
sec-Butylbenzene									0.29	J			0.5	U	0.5	U
Styrene									0.5	U			0.5	U	0.5	U
tert-Butylbenzene									0.28	J			0.5	U	0.5	U
Tetrachloroethylene	1	U	5	U	1	U	5	U	0.5	U	1	U	0.5	U	0.5	U
Toluene	1	U	5	U	1	U	5	U	0.5	U	1	U	0.5	U	0.5	U
trans-1,3-Dichloropropene	1	U	5	U	1	U	5	U	0.5	U	1	U	0.5	U	0.5	U
Trichloroethylene	1	U	5	U	1	U	5	U	0.5	U	1	U	0.5	U	0.5	U
Trichlorofluoromethane	1	U	5	U	1	U	5	U	0.5	U	1	U	0.5	U	0.5	U
Vinyl chloride	1	U	10	U	1	U	10	U	0.5	U	1	U	0.5	U	0.5	U
Xylene (total)	1	U			1	U					1	U				
524.2 TVOC									7.01				0		0	

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Analyte	076-18 depth: 30 10/13/2003 (ug/L)		076-18 depth: 30 12/29/2003 (ug/L)		076-19 depth: 30 1/30/2003 (ug/L)		076-19 depth: 30 4/16/2003 (ug/L)		076-19 depth: 30 5/27/2003 (ug/L)		076-19 depth: 30 8/22/2003 (ug/L)		076-19 depth: 30 10/13/2003 (ug/L)		076-19 depth: 30 12/29/2003 (ug/L)	
1,1,1,2-Tetrachloroethane			0.5	U	0.5	U			0.5	U	0.5	U			0.5	U
1,1,1-Trichloroethane	5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	5	U	0.5	U
1,1,2,2-Tetrachloroethane	5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	5	U	0.5	U
1,1,2-Trichloroethane	5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	5	U	0.5	U
1,1-Dichloroethane	5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	5	U	0.5	U
1,1-Dichloroethylene	5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	5	U	0.5	U
1,1-Dichloropropene			0.5	U	0.5	U			0.5	U	0.5	U			0.5	U
1,2,3-Trichlorobenzene			0.5	U	0.5	U			0.5	U	0.5	U			0.5	U
1,2,3-Trichloropropane			0.5	U	0.5	U			0.5	U	0.5	U			0.5	U
1,2,4-Trichlorobenzene			0.5	U	0.5	U			0.5	U	0.5	U			0.5	U
1,2-Dichloroethane	5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	5	U	0.5	U
1,2-Dichloropropane	5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	5	U	0.5	U
1,3-Dichloropropane			0.5	U	0.5	U			0.5	U	0.5	U			0.5	U
2,2-Dichloropropane			0.5	U	0.5	U			0.5	U	0.5	U			0.5	U
2-Hexanone	10	U					5	U					10	U		
Acetone	10	U					5	U					10	U		
Benzene	5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	5	U	0.5	U
Benzene, 1,2,4-trimethyl			0.5	U	0.5	U			0.5	U	0.5	U			0.5	U
Benzene, 1,3,5-trimethyl-			0.5	U	0.5	U			0.5	U	0.5	U			0.5	U
Benzene, 1-methylethyl-			0.5	U	0.5	U			0.5	U	0.5	U			0.5	U
Bromobenzene			0.5	U	0.5	U			0.5	U	0.5	U			0.5	U
Bromodichloromethane	5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	5	U	0.5	U
Bromoform	5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	5	U	0.5	U
Carbon disulfide	5	U					1	U					5	U		
Carbon tetrachloride	5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	5	U	0.5	U
Chlorobenzene	5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	5	U	0.5	U
Chlorobromomethane			0.5	U	0.5	U			0.5	U	0.5	U			0.5	U
Chloroethane	10	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	10	U	0.5	U
Chloroform	5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	5	U	0.5	U
cis-1,2-Dichloroethylene			0.5	U	0.5	U			0.5	U	0.5	U			0.5	U
cis-1,3-Dichloropropene	5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	5	U	0.5	U
Cymene			0.5	U	0.5	U			0.5	U	0.5	U			0.5	U
DBCP			0.5	U	0.5	U			0.5	U	0.5	U			0.5	U
Dibromochloromethane	5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	5	U	0.5	U
Dibromomethane			0.5	U	0.5	U			0.5	U	0.5	U			0.5	U
Dichlorodifluoromethane			0.5	U	0.5	U			0.5	U	0.5	U			0.5	U
EDB			0.5	U	0.5	U			0.5	U	0.5	U			0.5	U
Ethene, 1,2-dichloro-, (E)-	5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	5	U	0.5	U
Ethylbenzene	5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	5	U	0.5	U
Hexachlorobutadiene			0.5	U	0.5	U			0.5	U	0.5	U			0.5	U
m-Dichlorobenzene	5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	5	U	0.5	U
m/p xylene			0.5	U	0.5	U			0.5	U	0.5	U			0.5	U
Methyl bromide	10	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	10	U	0.5	U
Methyl chloride	10	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	10	U	0.5	U
Methyl ethyl ketone	10	U					5	U					10	U		
Methyl isobutyl ketone (MIBK)	10	U					5	U					10	U		
Methyl tert-butyl ether	10	U	0.5	U			1	U	0.5	U	0.5	U	10	U	0.5	U
Methylene chloride	1.4	J	0.5	U	0.5	U	**11**	B	0.5	U	0.5	U	5	U	0.5	U
n-Butylbenzene			0.5	U	0.5	U			0.5	U	0.5	U			0.5	U
n-Propylbenzene			0.5	U	0.5	U			0.5	U	0.5	U			0.5	U
Naphthalene			0.5	U	0.5	U			0.5	U	0.5	U			0.5	U
o-Chlorotoluene			0.5	U	0.5	U			0.5	U	0.5	U			0.5	U
o-Dichlorobenzene	5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	5	U	0.5	U
o-Xylene			0.5	U	0.5	U			0.5	U	0.5	U			0.5	U
p-Chlorotoluene			0.5	U	0.5	U			0.5	U	0.5	U			0.5	U
p-Dichlorobenzene	5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	5	U	0.5	U
sec-Butylbenzene			0.5	U	0.5	U			0.5	U	0.5	U			0.5	U
Styrene			0.5	U	0.5	U			0.5	U	0.5	U			0.5	U
tert-Butylbenzene			0.5	U	0.5	U			0.5	U	0.5	U			0.5	U
Tetrachloroethylene	5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	5	U	0.5	U
Toluene	5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	5	U	0.5	U
trans-1,3-Dichloropropene	5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	5	U	0.5	U
Trichloroethylene	5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	5	U	0.5	U
Trichlorofluoromethane	5	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	5	U	0.5	U
Vinyl chloride	10	U	0.5	U	0.5	U	1	U	0.5	U	0.5	U	10	U	0.5	U
Xylene (total)							1	U								
524.2 TVOC			0		0				0		0				0	

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Analyte	076-25 depth: 42 4/16/2003 (ug/L)		076-25 depth: 39.5 10/13/2003 (ug/L)		076-378 depth: 38 2/13/2003 (ug/L)		076-378 depth: 34.5 4/15/2003 (ug/L)		076-378 depth: 34.5 10/13/2003 (ug/L)		076-379 depth: 34 2/12/2003 (ug/L)		076-379 depth: 35.5 4/15/2003 (ug/L)		076-379 depth: 35.5 10/13/2003 (ug/L)	
1,1,1,2-Tetrachloroethane																
1,1,1-Trichloroethane	**15**		1.3	J	2	U	1	U	5	U	2	U	1	U	5	U
1,1,2,2-Tetrachloroethane	1	U	5	U	2	U	1	U	5	U	2	U	1	U	5	U
1,1,2-Trichloroethane	1	U	5	U	2	U	1	U	5	U	2	U	1	U	5	U
1,1-Dichloroethane	1	U	5	U	2	U	1	U	5	U	2	U	1	U	5	U
1,1-Dichloroethylene	1.1		5	U	2	U	1	U	5	U	2	U	1	U	5	U
1,1-Dichloropropene																
1,2,3-Trichlorobenzene																
1,2,3-Trichloropropane																
1,2,4-Trichlorobenzene																
1,2-Dichloroethane	1	U	5	U	2	U	1	U	5	U	2	U	1	U	5	U
1,2-Dichloropropane	1	U	5	U	2	U	1	U	5	U	2	U	1	U	5	U
1,3-Dichloropropane					2	U					2	U				
2,2-Dichloropropane																
2-Hexanone	5	U	10	U	2	U	5	U	10	U	2	U	5	U	10	U
Acetone	5	U	10	U	2	U	5	U	10	U	2	U	5	U	10	U
Benzene	1	U	5	U	2	U	1	U	5	U	2	U	1	U	5	U
Benzene, 1,2,4-trimethyl																
Benzene, 1,3,5-trimethyl-																
Benzene, 1-methylethyl-																
Bromobenzene																
Bromodichloromethane	1	U	5	U	2	U	1	U	5	U	2	U	1	U	5	U
Bromoform	1	U	5	U	2	U	1	U	5	U	2	U	1	U	5	U
Carbon disulfide	1	U	5	U			1	U	5	U			1	U	5	U
Carbon tetrachloride	1	U	5	U	2	U	1	U	5	U	2	U	1	U	5	U
Chlorobenzene	1	U	5	U	2	U	1	U	5	U	2	U	1	U	5	U
Chlorobromomethane																
Chloroethane	1	U	10	U	2	U	1	U	10	U	2	U	1	U	10	U
Chloroform	1.6		1.1	J	2	U	1	U	5	U	2	U	1	U	5	U
cis-1,2-Dichloroethylene					2	U					**12.4**					
cis-1,3-Dichloropropene	1	U	5	U	2	U	1	U	5	U	2	U	1	U	5	U
Cymene																
DBCP																
Dibromochloromethane	1	U	5	U	2	U	1	U	5	U	2	U	1	U	5	U
Dibromomethane																
Dichlorodifluoromethane																
EDB																
Ethene, 1,2-dichloro-, (E)-	1	U	5	U	2	U	1	U	5	U	2	U	1	U	5	U
Ethylbenzene	1	U	5	U	2	U	1	U	5	U	2	U	1	U	5	U
Hexachlorobutadiene																
m-Dichlorobenzene	1	U	5	U	2	U	1	U	5	U	2	U	1	U	5	U
m/p xylene					2	U					2	U				
Methyl bromide	1	U	10	U	2	U	1	U	10	U	2	U	1	U	10	U
Methyl chloride	1	U	10	U	2	U	1	U	10	U	2	U	1	U	10	U
Methyl ethyl ketone	5	U	10	U	2	U	5	U	10	U	2	U	5	U	10	U
Methyl isobutyl ketone (MIBK)	5	U	10	U	2	U	5	U	10	U	2	U	5	U	10	U
Methyl tert-butyl ether	1	U	10	U	2	U	1	U	10	U	2	U	1	U	10	U
Methylene chloride	**10**	B	5	U	2	U	**10**	B	5	U	2	U	**11**	B	5	U
n-Butylbenzene																
n-Propylbenzene																
Naphthalene																
o-Chlorotoluene																
o-Dichlorobenzene	1	U	5	U	2	U	1	U	5	U	2	U	1	U	5	U
o-Xylene					2	U					2	U				
p-Chlorotoluene																
p-Dichlorobenzene	1	U	5	U	2	U	1	U	5	U	2	U	1	U	5	U
sec-Butylbenzene																
Styrene																
tert-Butylbenzene																
Tetrachloroethylene	1	U	5	U	2	U	1	U	5	U	**6.5**		1	U	5	U
Toluene	1	U	5	U	2	U	1	U	5	U	2	U	1	U	5	U
trans-1,3-Dichloropropene	1	U	5	U	2	U	1	U	5	U	2	U	1	U	5	U
Trichloroethylene	1	U	5	U	2	U	1	U	5	U	1.1	J	1	U	5	U
Trichlorofluoromethane	1	U	5	U	2	U	1	U	5	U	2	U	1	U	5	U
Vinyl chloride	1	U	10	U	2	U	1	U	10	U	2	U	1	U	10	U
Xylene (total)	1	U					1	U					1	U		
524.2 TVOC																

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Analyte	076-380 depth: 38 2/13/2003 (ug/L)		076-380 depth: 34.5 4/15/2003 (ug/L)		076-380 depth: 42.5 10/13/2003 (ug/L)	
1,1,1,2-Tetrachloroethane						
1,1,1-Trichloroethane	2	U	1.5		2.7	J
1,1,2,2-Tetrachloroethane	2	U	1	U	5	U
1,1,2-Trichloroethane	2	U	1	U	5	U
1,1-Dichloroethane	2	U	1	U	5	U
1,1-Dichloroethylene	2	U	1	U	5	U
1,1-Dichloropropene						
1,2,3-Trichlorobenzene						
1,2,3-Trichloropropane						
1,2,4-Trichlorobenzene						
1,2-Dichloroethane	2	U	1	U	5	U
1,2-Dichloropropane	2	U	1	U	5	U
1,3-Dichloropropane	2	U				
2,2-Dichloropropane						
2-Hexanone	2	U	5	U	10	U
Acetone	2	U	5	U	10	U
Benzene	2	U	1	U	5	U
Benzene, 1,2,4-trimethyl						
Benzene, 1,3,5-trimethyl-						
Benzene, 1-methylethyl-						
Bromobenzene						
Bromodichloromethane	2	U	1	U	5	U
Bromoform	2	U	1	U	5	U
Carbon disulfide			1	U	5	U
Carbon tetrachloride	2	U	1	U	5	U
Chlorobenzene	2	U	1	U	5	U
Chlorobromomethane						
Chloroethane	2	U	1	U	10	U
Chloroform	2	U	1	U	5	U
cis-1,2-Dichloroethylene	2	U				
cis-1,3-Dichloropropene	2	U	1	U	5	U
Cymene						
DBCP						
Dibromochloromethane	2	U	1	U	5	U
Dibromomethane						
Dichlorodifluoromethane						
EDB						
Ethene, 1,2-dichloro-, (E)-	2	U	1	U	5	U
Ethylbenzene	2	U	1	U	5	U
Hexachlorobutadiene						
m-Dichlorobenzene	2	U	1	U	5	U
m/p xylene	2	U				
Methyl bromide	2	U	1	U	10	U
Methyl chloride	2	U	1	U	10	U
Methyl ethyl ketone	2	U	5	U	10	U
Methyl isobutyl ketone (MIBK)	2	U	5	U	10	U
Methyl tert-butyl ether	2	U	1	U	10	U
Methylene chloride	2	U	2.5	B	1.4	J
n-Butylbenzene						
n-Propylbenzene						
Naphthalene						
o-Chlorotoluene						
o-Dichlorobenzene	2	U	1	U	5	U
o-Xylene	2	U				
p-Chlorotoluene						
p-Dichlorobenzene	2	U	1	U	5	U
sec-Butylbenzene						
Styrene						
tert-Butylbenzene						
Tetrachloroethylene	2	U	**19**		**38**	
Toluene	2	U	1	U	5	U
trans-1,3-Dichloropropene	2	U	1	U	5	U
Trichloroethylene	2	U	2.8		**7.3**	
Trichlorofluoromethane	2	U	1	U	5	U
Vinyl chloride	2	U	1	U	10	U
Xylene (total)			1	U		
524.2 TVOC						

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Analyte	076-16 depth: 35 4/16/2003 (ug/L)		076-16 depth: 35 10/13/2003 (ug/L)		076-17 depth: 35 4/16/2003 (ug/L)		076-17 depth: 35 10/13/2003 (ug/L)		076-18 depth: 30 1/31/2003 (ug/L)		076-18 depth: 30 4/15/2003 (ug/L)		076-18 depth: 30 5/23/2003 (ug/L)		076-18 depth: 30 8/21/2003 (ug/L)	
1,2,4-Trichlorobenzene	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
2,4,5-Trichlorophenol									9.8	U			9.7	U	10.5	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
2,4-Dinitrophenol	25	U	50	U	25	U	50	U	49	U	25	U	48.5	U	52.6	U
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
2-Chloronaphthalene	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
2-Chlorophenol	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
2-Methylnaphthalene									0.98	U			0.97	U	1	U
3,3'-Dichlorobenzidine	20	U	40	U	20	U	40	U	39.2	U	20	U	38.8	U	42.1	U
4,6-Dinitro-o-cresol	25	U	50	U	25	U	50	U	49	U	25	U	48.5	U	52.6	U
4-Bromophenyl phenyl ether	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
4-Chlorophenyl phenyl ether	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
Acenaphthene	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
Acenaphthylene	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
Anthracene	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
Benzidine									49	U			48.5	U	52.6	U
Benzo(a)anthracene	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
Benzo(ghi)perylene	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
Bis(2-chloroethoxy)methane	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
Bis(2-chloroethyl)ether	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
Bis(2-ethylhexyl)phthalate	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
bis-chloroisopropyl ether	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
Butyl benzyl phthalate	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
Chrysene	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
Di-n-butyl phthalate	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
Di-n-octyl phthalate	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
Dibenzofuran									9.8	U			9.7	U	10.5	U
Diethyl phthalate	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
Dimethyl phthalate	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
Fluoranthene	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
Fluorene	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
Hexachlorobenzene	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
Hexachlorobutadiene	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
Hexachlorocyclopentadiene	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
Hexachloroethane	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
Isophorone	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
m-Dichlorobenzene	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
N-Nitrosodimethylamine	10	U	10	U	10	U	10	U	9.8	U	10	U			10.5	U
N-Nitrosodiphenylamine	10	U	10	U	10	U	10	U			10	U				
N-Nitrosodipropylamine	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
Naphthalene	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
Nitrobenzene	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
o-Dichlorobenzene	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
o-Nitrophenol	25	U	10	U	25	U	10	U	9.8	U	25	U	9.7	U	10.5	U
p-Chloro-m-cresol	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
p-Dichlorobenzene	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
p-Nitrophenol	25	U	50	U	25	U	50	U	49	U	25	U	48.5	U	52.6	U
PCP	25	U	50	U	25	U	50	U	49	U	25	U	48.5	U	52.6	U
Phenanthrene	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
Phenol	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U
Pyrene	10	U	10	U	10	U	10	U	9.8	U	10	U	9.7	U	10.5	U

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Analyte	076-18 depth: 30 10/13/2003 (ug/L)		076-18 depth: 30 12/29/2003 (ug/L)		076-19 depth: 30 1/30/2003 (ug/L)		076-19 depth: 30 4/16/2003 (ug/L)		076-19 depth: 30 5/27/2003 (ug/L)		076-19 depth: 30 8/22/2003 (ug/L)		076-19 depth: 30 10/13/2003 (ug/L)		076-19 depth: 30 12/29/2003 (ug/L)	
1,2,4-Trichlorobenzene	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
2,4,5-Trichlorophenol					9.8	U			9.7	U	9.8	U				
2,4,6-Trichlorophenol	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
2,4-Dinitrophenol	50	U	50	U	49	U	25	U	48.5	U	49	U	50	U	50	U
2,4-Dinitrotoluene	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
2-Chlorophenol	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
2-Methylnaphthalene					0.98	U			0.97	U	0.98	U				
3,3'-Dichlorobenzidine	40	U	40	U	39.2	U	20	U	38.8	U	39.2	U	40	U	40	U
4,6-Dinitro-o-cresol	50	U	50	U	49	U	25	U	48.5	U	49	U	50	U	50	U
4-Bromophenyl phenyl ether	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
4-Chlorophenyl phenyl ether	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
Acenaphthene	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
Acenaphthylene	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
Anthracene	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
Benzidine					49	U			48.5	U	49	U				
Benzo(a)anthracene	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
Benzo(b)fluoranthene	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
Benzo(ghi)perylene	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
Benzo(k)fluoranthene	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
Bis(2-chloroethoxy)methane	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
Bis(2-chloroethyl)ether	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
Bis(2-ethylhexyl)phthalate	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
bis-chloroisopropyl ether	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
Butyl benzyl phthalate	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
Chrysene	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
Di-n-butyl phthalate	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
Di-n-octyl phthalate	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
Dibenzofuran					9.8	U			9.7	U	9.8	U				
Diethyl phthalate	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
Dimethyl phthalate	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
Fluoranthene	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
Fluorene	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
Hexachlorobenzene	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
Hexachlorobutadiene	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
Hexachlorocyclopentadiene	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
Hexachloroethane	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
Isophorone	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
m-Dichlorobenzene	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
N-Nitrosodimethylamine	10	U	10	U	9.8	U	10	U			9.8	U	10	U	10	U
N-Nitrosodiphenylamine	10	U	10	U			10	U					10	U	10	U
N-Nitrosodipropylamine	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
Naphthalene	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
Nitrobenzene	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
o-Dichlorobenzene	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
o-Nitrophenol	10	U	10	U	9.8	U	25	U	9.7	U	9.8	U	10	U	10	U
p-Chloro-m-cresol	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
p-Dichlorobenzene	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
p-Nitrophenol	50	U	50	U	49	U	25	U	48.5	U	49	U	50	U	50	U
PCP	50	U	50	U	49	U	25	U	48.5	U	49	U	50	U	50	U
Phenanthrene	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
Phenol	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U
Pyrene	10	U	10	U	9.8	U	10	U	9.7	U	9.8	U	10	U	10	U

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Analyte	076-25 depth: 42 4/16/2003 (ug/L)		076-25 depth: 39.5 10/13/2003 (ug/L)		076-378 depth: 34.5 4/15/2003 (ug/L)		076-378 depth: 34.5 10/13/2003 (ug/L)		076-379 depth: 35.5 4/15/2003 (ug/L)		076-379 depth: 35.5 10/13/2003 (ug/L)		076-380 depth: 34.5 4/15/2003 (ug/L)		076-380 depth: 42.5 10/13/2003 (ug/L)	
1,2,4-Trichlorobenzene	10	U	10	U	10	U	10	U	2	J	10	U	10	U	10	U
2,4,5-Trichlorophenol																
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	25	U	50	U	25	U	50	U	25	U	50	U	25	U	50	U
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2-Chlorophenol	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene																
3,3'-Dichlorobenzidine	20	U	40	U	20	U	40	U	20	U	40	U	20	U	40	U
4,6-Dinitro-o-cresol	25	U	50	U	25	U	50	U	25	U	50	U	25	U	50	U
4-Bromophenyl phenyl ether	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-Chlorophenyl phenyl ether	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Acenaphthene	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Anthracene	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Benzidine																
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(ghi)perylene	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Bis(2-chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Bis(2-chloroethyl)ether	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Bis(2-ethylhexyl)phthalate	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
bis-chloroisopropyl ether	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Butyl benzyl phthalate	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Chrysene	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Di-n-butyl phthalate	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Di-n-octyl phthalate	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Dibenzofuran																
Diethyl phthalate	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Dimethyl phthalate	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Fluorene	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Hexachloroethane	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Isophorone	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
m-Dichlorobenzene	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
N-Nitrosodimethylamine	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
N-Nitrosodiphenylamine	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
N-Nitrosodipropylamine	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Nitrobenzene	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
o-Dichlorobenzene	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
o-Nitrophenol	25	U	10	U	25	U	10	U	25	U	10	U	25	U	10	U
p-Chloro-m-cresol	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
p-Dichlorobenzene	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
p-Nitrophenol	25	U	50	U	25	U	50	U	25	U	50	U	25	U	50	U
PCP	25	U	50	U	25	U	50	U	25	U	50	U	25	U	50	U
Phenanthrene	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Phenol	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Pyrene	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U

Medical Research Reactor
Analytical Results

FM - 2003 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: Medical Research Reator

Analyte	**084-12 depth: 60 3/4/2003** pCi/L				**084-12 depth: 62.5 9/8/2003** pCi/L				**084-13 depth: 60 3/4/2003** pCi/L				**084-13 depth: 60.5 9/8/2003** pCi/L				**084-27 depth: 58 3/11/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Tritium	110	U	318	187	563		325	255	258	U	318	197	179	U	326	231	898		352	318

FM - 2003 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: Medical Research Reator

Analyte	**084-27 depth: 58 9/8/2003** pCi/L				**084-28 depth: 55.5 3/11/2003** pCi/L				**084-28 depth: 55.5 9/8/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Tritium	187	U	326	232	179	U	352	272	261	U	327	237

Motor Pool Area

Analytical Results

FM - 2003 Groundwater Data: Volatile Organic Compounds
Brookhaven National Laboratory
Project: Motor Pool Area

Analyte	102-05 depth: 56.7 3/11/2003 (ug/L)		102-05 depth: 58.5 9/18/2003 (ug/L)		102-06 depth: 56.2 3/11/2003 (ug/L)		102-06 depth: 53.7 9/18/2003 (ug/L)		102-10 depth: 52 3/10/2003 (ug/L)		102-10 depth: 53 9/18/2003 (ug/L)		102-11 depth: 51.5 9/18/2003 (ug/L)		102-12 depth: 51.5 9/9/2003 (ug/L)	
1,1,1-Trichloroethane	2		1.6	J	3		2.9		**6**		**11.6**		**31.1**		**53.4**	
1,1,2,2-Tetrachloroethane	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,1,2-Trichloroethane	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,1-Dichloroethane	2	U	2	U	2	U	2	U	2	U	2	U	**7.1**		**14.8**	
1,1-Dichloroethylene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,2-Dichloroethane	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,2-Dichloropropane	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,3-Dichloropropane	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
2-Hexanone	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Acetone	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Benzene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Bromodichloromethane	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Bromoform	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Carbon tetrachloride	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Chlorobenzene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Chloroethane	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Chloroform	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
cis-1,2-Dichloroethylene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
cis-1,3-Dichloropropene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Dibromochloromethane	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Ethene, 1,2-dichloro-, (E)-	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Ethylbenzene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
m-Dichlorobenzene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
m/p xylene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Methyl bromide	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Methyl chloride	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Methyl ethyl ketone	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Methyl isobutyl ketone (MIBK)	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Methyl tert-butyl ether	2	U	2.7		**33.8**		**13.1**		2	U	6.5		**26.6**		4.8	
Methylene chloride	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
o-Dichlorobenzene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
o-Xylene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
p-Dichlorobenzene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Tetrachloroethylene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Toluene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
trans-1,3-Dichloropropene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Trichloroethylene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Trichlorofluoromethane	2	U	2	UJ	2	U	2	UJ	2	U	2	UJ	2	UJ	2	U
Vinyl chloride	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U

FM - 2003 Groundwater Data: Volatile Organic Compounds
Brookhaven National Laboratory
Project: Motor Pool Area

Analyte	102-13 depth: 52.2 9/18/2003 (ug/L)	
1,1,1-Trichloroethane	**21.5**	
1,1,2,2-Tetrachloroethane	2	U
1,1,2-Trichloroethane	2	U
1,1-Dichloroethane	2	U
1,1-Dichloroethylene	2	U
1,2-Dichloroethane	2	U
1,2-Dichloropropane	2	U
1,3-Dichloropropane	2	U
2-Hexanone	2	U
Acetone	2	U
Benzene	2	U
Bromodichloromethane	2	U
Bromoform	2	U
Carbon tetrachloride	2	U
Chlorobenzene	2	U
Chloroethane	2	U
Chloroform	2	U
cis-1,2-Dichloroethylene	2	U
cis-1,3-Dichloropropene	2	U
Dibromochloromethane	2	U
Ethene, 1,2-dichloro-, (E)-	2	U
Ethylbenzene	2	U
m-Dichlorobenzene	2	U
m/p xylene	2	U
Methyl bromide	2	U
Methyl chloride	2	U
Methyl ethyl ketone	2	U
Methyl isobutyl ketone (MIBK)	2	U
Methyl tert-butyl ether	**27.3**	
Methylene chloride	2	U
o-Dichlorobenzene	2	U
o-Xylene	2	U
p-Dichlorobenzene	2	U
Tetrachloroethylene	2	U
Toluene	2	U
trans-1,3-Dichloropropene	2	U
Trichloroethylene	2	U
Trichlorofluoromethane	2	UJ
Vinyl chloride	2	U

RHIC Facility

Analytical Results

FM - 2003 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: RHIC Facility

Analyte	**025-03 depth: 46 3/12/2003** pCi/L				**025-03 depth: 45 8/28/2003** pCi/L				**025-04 depth: 46 3/12/2003** pCi/L				**025-04 depth: 45 8/28/2003** pCi/L				**025-05 depth: 13 2/5/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Tritium	-55.1	U	352	264	-37.5	U	278	166	-43.6	U	352	274	79.8	U	279	173	154	U	364	234

FM - 2003 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: RHIC Facility

Analyte	**025-05 depth: 11.8 8/13/2003** pCi/L				**025-06 depth: 13 2/5/2003** pCi/L				**025-06 depth: 12.4 8/13/2003** pCi/L				**025-07 depth: 13 2/5/2003** pCi/L				**025-07 depth: 13.3 8/13/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Tritium	-122	U	379	153	105	U	364	230	-226	U	371	143	71.4	U	364	232	-53.2	U	370	154

FM - 2003 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: RHIC Facility

Analyte	**025-08 depth: 13 2/5/2003** pCi/L				**025-08 depth: 12.3 8/13/2003** pCi/L				**034-05 depth: 43 3/12/2003** pCi/L				**034-05 depth: 42.5 8/7/2003** pCi/L				**034-06 depth: 42 3/12/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Tritium	72.1	U	364	211	-151	U	371	148	-236	U	352	255	8.52	U	368	244	-88.1	U	352	264

FM - 2003 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: RHIC Facility

Analyte	**034-06 depth: 41.8 8/7/2003** pCi/L				**043-01 depth: 41.6 2/6/2003** pCi/L				**043-01 depth: 41.3 8/7/2003** pCi/L				**043-02 depth: 63.8 2/6/2003** pCi/L				**043-02 depth: 66.3 8/7/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Tritium	-119	U	364	233	308	U	377	236	-18.1	U	367	241	74.1	U	377	216	-217	U	367	229

FM - 2003 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: RHIC Facility

Analyte	**044-13 depth: 38.5 2/5/2003** pCi/L				**044-13 depth: 38.3 8/13/2003** pCi/L				**044-14 depth: 59 2/5/2003** pCi/L				**044-14 depth: 59 8/13/2003** pCi/L				**044-29 depth: 34.5 2/6/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Tritium	65.5	U	364	232	-94.8	U	372	152	202	U	364	237	-102	U	394	161	16.8	U	377	217

FM - 2003 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: RHIC Facility

Analyte	**044-29 depth: 35 8/28/2003** pCi/L			
	Result	Qual	MDA	Error
Tritium	13.1	U	277	168

Service Station
Analytical Results

FM - 2003 Groundwater Data: Volatile Organic Compounds
Brookhaven National Laboratory
Project: Service Station

Analyte	085-16 depth: 45 2/25/2003 (ug/L)		085-16 depth: 40 5/15/2003 (ug/L)		085-16 depth: 45 7/31/2003 (ug/L)		085-16 depth: 45 10/31/2003 (ug/L)		085-17 depth: 45 2/25/2003 (ug/L)		085-17 depth: 40 5/15/2003 (ug/L)		085-17 depth: 45 7/31/2003 (ug/L)		085-17 depth: 45 10/31/2003 (ug/L)	
1,1,1,2-Tetrachloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,1-Trichloroethane	0.5	U	1		0.69		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2,2-Tetrachloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethane	0.5	U	0.66		0.39	J	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethylene	0.5	U	0.31	J	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloropropene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichloropropane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,4-Trichlorobenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,3-Dichloropropane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
2,2-Dichloropropane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
2-Hexanone																
Acetone																
Benzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Benzene, 1,2,4-trimethyl	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	**20**		**60.4**		**31**	
Benzene, 1,3,5-trimethyl-	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	**22.1**		0.5	U
Benzene, 1-methylethyl-	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	3.3		9.2		5.2	
Bromobenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromodichloromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Carbon tetrachloride	**60.4**		**27**		**42.9**		**35**	J	**92.6**	D	**278**	D	**194**	D	**120**	D
Chlorobenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobromomethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroform	**8**		5.7		**9.7**		**8.7**	J	**15**		**22.4**		**27.2**		**22**	
cis-1,2-Dichloroethylene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
cis-1,3-Dichloropropene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Cymene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.68		0.46	J	1.8	
DBCP	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dibromochloromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dibromomethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
EDB	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Ethene, 1,2-dichloro-, (E)-	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Ethylbenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.26	J	**6.3**		0.5	U
Hexachlorobutadiene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
m-Dichlorobenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
m/p xylene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	**20.5**		**129**		**48**	
Methyl bromide	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methyl chloride	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methyl ethyl ketone																
Methyl isobutyl ketone (MIBK)																
Methyl tert-butyl ether	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1.7		1.5		1.9	
Methylene chloride	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
n-Butylbenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.64		1.6		1.4	
n-Propylbenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	2		**10.8**		3.6	
Naphthalene	0.5	U	0.5	U	0.5	U	0.81	J	0.5	U	4.1		**17.8**		9.3	
o-Chlorotoluene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
o-Dichlorobenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
o-Xylene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	**79.8**		**108**	D	**66**	
p-Chlorotoluene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
p-Dichlorobenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
sec-Butylbenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Styrene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
tert-Butylbenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethylene	0.5	U	0.43	J	0.88		1.1	J	**6.5**		**16.9**		**21.4**		**22**	
Toluene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.86	U	2.1		0.98	
trans-1,3-Dichloropropene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichloroethylene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Vinyl chloride	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
524.2 TVOC	68.4		35.1		54.56		45.61		114.1		530.08		719.86		399.18	

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Analyte	085-235 depth: 42.5 3/10/2003 (ug/L)		085-235 depth: 42.5 9/9/2003 (ug/L)		085-236 depth: 42.5 2/25/2003 (ug/L)		085-236 depth: 42.5 5/15/2003 (ug/L)		085-236 depth: 42.5 7/31/2003 (ug/L)		085-236 depth: 42.5 10/31/2003 (ug/L)		085-237 depth: 42.5 2/25/2003 (ug/L)		085-237 depth: 42.5 5/15/2003 (ug/L)	
1,1,1,2-Tetrachloroethane					0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,1-Trichloroethane	2	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2,2-Tetrachloroethane	2	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	2	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethane	2	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethylene	2	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloropropene					0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene					0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichloropropane					**3.7**		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,4-Trichlorobenzene					0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloroethane	2	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	2	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,3-Dichloropropane	2	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
2,2-Dichloropropane					0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
2-Hexanone	2	U	2	U												
Acetone	2	U	2	U												
Benzene	2	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Benzene, 1,2,4-trimethyl					**56.7**		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Benzene, 1,3,5-trimethyl-					**18.1**		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Benzene, 1-methylethyl-					2.6		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromobenzene					0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromodichloromethane	2	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	2	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Carbon tetrachloride	**77**		**71.4**		**139**	D	**64**		**86.1**		**72**	D	**61.4**		**153**	D
Chlorobenzene	2	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobromomethane					0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroethane	2	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroform	**11.6**		**15.8**		**15.6**		**10.4**		**14.5**		**16**	J	6.1		**16.5**	
cis-1,2-Dichloroethylene	2	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
cis-1,3-Dichloropropene	2	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Cymene					0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
DBCP					0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dibromochloromethane	2	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dibromomethane					0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane					0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
EDB					0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Ethene, 1,2-dichloro-, (E)-	2	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Ethylbenzene	2	U	2	U	2.1		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Hexachlorobutadiene					0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
m-Dichlorobenzene	2	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
m/p xylene	2	U	2	U	**35.7**		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methyl bromide	2	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methyl chloride	2	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methyl ethyl ketone	2	U	2	U												
Methyl isobutyl ketone (MIBK)	2	U	2	U												
Methyl tert-butyl ether	2	U	1	J	0.5	U	**15.8**		**13.4**		**14**	J	0.5	U	**28.4**	
Methylene chloride	2	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
n-Butylbenzene					0.6		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
n-Propylbenzene					**8.1**		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Naphthalene					0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
o-Chlorotoluene					0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
o-Dichlorobenzene	2	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
o-Xylene	2	U	2	U	**10.5**		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
p-Chlorotoluene					0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
p-Dichlorobenzene	2	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
sec-Butylbenzene					0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Styrene					0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
tert-Butylbenzene					0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethylene	2	U	2	U	**5.8**		3.9		**5.5**		**6.6**	J	0.6		1.9	
Toluene	2	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,3-Dichloropropene	2	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichloroethylene	2	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	2	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Vinyl chloride	2	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
524.2 TVOC					309		94.1		119.5		108.6		68.1		199.8	

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Analyte	085-237 depth: 42.5 7/31/2003 (ug/L)		085-237 depth: 42.5 10/31/2003 (ug/L)	
1,1,1,2-Tetrachloroethane	0.5	U	0.5	U
1,1,1-Trichloroethane	0.5	U	0.5	U
1,1,2,2-Tetrachloroethane	0.5	U	0.5	U
1,1,2-Trichloroethane	0.5	U	0.5	U
1,1-Dichloroethane	0.5	U	0.5	U
1,1-Dichloroethylene	0.5	U	0.5	U
1,1-Dichloropropene	0.5	U	0.5	U
1,2,3-Trichlorobenzene	0.5	U	0.5	U
1,2,3-Trichloropropane	0.5	U	0.5	U
1,2,4-Trichlorobenzene	0.5	U	0.5	U
1,2-Dichloroethane	0.5	U	0.5	U
1,2-Dichloropropane	0.5	U	0.5	U
1,3-Dichloropropane	0.5	U	0.5	U
2,2-Dichloropropane	0.5	U	0.5	U
2-Hexanone				
Acetone				
Benzene	0.5	U	0.5	U
Benzene, 1,2,4-trimethyl	0.5	U	0.5	U
Benzene, 1,3,5-trimethyl-	0.5	U	0.5	U
Benzene, 1-methylethyl-	0.5	U	0.5	U
Bromobenzene	0.5	U	0.5	U
Bromodichloromethane	0.5	U	0.5	U
Bromoform	0.5	U	0.5	U
Carbon tetrachloride	**114**	D	**67**	D
Chlorobenzene	0.5	U	0.5	U
Chlorobromomethane	0.5	U	0.5	U
Chloroethane	0.5	U	0.5	U
Chloroform	**17**		**15**	J
cis-1,2-Dichloroethylene	0.5	U	0.5	U
cis-1,3-Dichloropropene	0.5	U	0.5	U
Cymene	0.5	U	0.5	U
DBCP	0.5	U	0.5	U
Dibromochloromethane	0.5	U	0.5	U
Dibromomethane	0.5	U	0.5	U
Dichlorodifluoromethane	0.5	U	0.5	U
EDB	0.5	U	0.5	U
Ethene, 1,2-dichloro-, (E)-	0.5	U	0.5	U
Ethylbenzene	0.5	U	0.5	U
Hexachlorobutadiene	0.5	U	0.5	U
m-Dichlorobenzene	0.5	U	0.5	U
m/p xylene	0.5	U	0.5	U
Methyl bromide	0.5	U	0.5	U
Methyl chloride	0.5	U	0.5	U
Methyl ethyl ketone				
Methyl isobutyl ketone (MIBK)				
Methyl tert-butyl ether	**144**	D	**50**	J
Methylene chloride	0.5	U	0.5	U
n-Butylbenzene	0.5	U	0.5	U
n-Propylbenzene	0.5	U	0.5	U
Naphthalene	0.5	U	0.5	U
o-Chlorotoluene	0.5	U	0.5	U
o-Dichlorobenzene	0.5	U	0.5	U
o-Xylene	0.5	U	0.5	U
p-Chlorotoluene	0.5	U	0.5	U
p-Dichlorobenzene	0.5	U	0.5	U
sec-Butylbenzene	0.5	U	0.5	U
Styrene	0.5	U	0.5	U
tert-Butylbenzene	0.5	U	0.5	U
Tetrachloroethylene	2.8		2.3	J
Toluene	0.5	U	0.5	U
trans-1,3-Dichloropropene	0.5	U	0.5	U
Trichloroethylene	0.5	U	0.5	U
Trichlorofluoromethane	0.5	U	0.5	U
Vinyl chloride	0.5	U	0.5	U
524.2 TVOC	277.8		134.3	

Sewage Treatment Plant
and Peconic River
Analytical Results

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Project: Sewage Treatment Plant and Peconic River

Analyte	038-02 depth: 18 6/6/2003 (ug/L)		038-02 depth: 18 12/12/2003 (ug/L)		038-03 depth: 13 6/6/2003 (ug/L)		038-03 depth: 13 12/12/2003 (ug/L)		039-07 depth: 22.5 6/5/2003 (ug/L)		039-07 depth: 20 12/12/2003 (ug/L)		039-08 depth: 22.5 6/6/2003 (ug/L)		039-08 depth: 22 12/12/2003 (ug/L)	
1,1,1-Trichloroethane	2	U	5	U	2	U	5	U	2	U	5	U	2	U	5	U
1,1,2,2-Tetrachloroethane	2	U	5	U	2	U	5	U	2	U	5	U	2	U	5	U
1,1,2-Trichloroethane	2	U	5	U	2	U	5	U	2	U	5	U	2	U	5	U
1,1-Dichloroethane	2	U	5	U	2	U	5	U	2	U	5	U	2	U	5	U
1,1-Dichloroethylene	2	U	5	U	2	U	5	U	2	U	5	U	2	U	5	U
1,2-Dichloroethane	2	U	5	U	2	U	5	U	2	U	5	U	2	U	5	U
1,2-Dichloropropane	2	U	5	U	2	U	5	U	2	U	5	U	2	U	5	U
1,3-Dichloropropane	2	U			2	U			2	U			2	U		
2-Hexanone	2	U	10	U	2	U	10	U	2	U	10	U	2	U	10	U
Acetone	2	U	10	U	2	U	10	U	2	U	10	U	2	U	10	U
Benzene	2	U	5	U	2	U	5	U	2	U	5	U	2	U	5	U
Bromodichloromethane	2	U	5	U	2	U	5	U	2	U	5	U	2	U	5	U
Bromoform	2	U	5	U	2	U	5	U	2	U	5	U	2	U	5	U
Carbon disulfide			5	U			5	U			5	U			5	U
Carbon tetrachloride	2	U	5	U	2	U	5	U	2	U	5	U	2	U	5	U
Chlorobenzene	2	U	5	U	2	U	5	U	2	U	5	U	2	U	5	U
Chloroethane	2	U	10	U	2	U	10	U	2	U	10	U	2	U	10	U
Chloroform	2	U	5	U	2	U	5	U	2	U	5	U	2	U	5	U
cis-1,2-Dichloroethylene	2	U			2	U			2	U			2	U		
cis-1,3-Dichloropropene	2	U	5	U	2	U	5	U	2	U	5	U	2	U	5	U
Dibromochloromethane	2	U	5	U	2	U	5	U	2	U	5	U	2	U	5	U
Ethene, 1,2-dichloro-, (E)-	2	U	5	U	2	U	5	U	2	U	5	U	2	U	5	U
Ethylbenzene	2	U	5	U	2	U	5	U	2	U	5	U	2	U	5	U
m-Dichlorobenzene	2	U	5	U	2	U	5	U	2	U	5	U	2	U	5	U
m/p xylene	2	U			2	U			2	U			2	U		
Methyl bromide	2	U	10	U	2	U	10	U	2	U	10	U	2	U	10	U
Methyl chloride	2	U	10	U	2	U	10	U	2	U	10	U	2	U	10	U
Methyl ethyl ketone	2	U	10	U	2	U	10	U	2	U	10	U	2	U	10	U
Methyl isobutyl ketone (MIBK)	2	U	10	U	2	U	10	U	2	U	10	U	2	U	10	U
Methyl tert-butyl ether	2	U	10	U	2	U	10	U	2	U	10	U	2	U	10	U
Methylene chloride	2	U	5	U	2	U	5	U	2	U	5	U	2	U	5	U
o-Dichlorobenzene	2	U	5	U	2	U	5	U	2	U	5	U	2	U	5	U
o-Xylene	2	U			2	U			2	U			2	U		
p-Dichlorobenzene	2	U	5	U	2	U	5	U	2	U	5	U	2	U	5	U
Tetrachloroethylene	2	U	5	U	2	U	5	U	2	U	5	U	2	U	5	U
Toluene	2	U	5	U	2	U	5	U	2	U	5	U	2	U	5	U
trans-1,3-Dichloropropene	2	U	5	U	2	U	5	U	2	U	5	U	2	U	5	U
Trichloroethylene	2	U	5	U	2	U	5	U	2	U	5	U	2	U	5	U
Trichlorofluoromethane	2	U	5	U	2	U	5	U	2	U	5	U	2	U	5	U
Vinyl chloride	2	U	10	U	2	U	10	U	2	U	10	U	2	U	10	U

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Analyte	039-86 depth: 22.5 6/5/2003 (ug/L)		039-86 depth: 20 12/12/2003 (ug/L)		039-87 depth: 19 6/6/2003 (ug/L)		039-87 depth: 19 12/12/2003 (ug/L)		039-88 depth: 24 6/5/2003 (ug/L)		039-89 depth: 22.5 6/5/2003 (ug/L)		039-90 depth: 22.5 6/5/2003 (ug/L)	
1,1,1-Trichloroethane	2	U	5	U	2	U	5	U	2	U	2	U	2	U
1,1,2,2-Tetrachloroethane	2	U	5	U	2	U	5	U	2	U	2	U	2	U
1,1,2-Trichloroethane	2	U	5	U	2	U	5	U	2	U	2	U	2	U
1,1-Dichloroethane	2	U	5	U	2	U	5	U	2	U	2	U	2	U
1,1-Dichloroethylene	2	U	5	U	2	U	5	U	2	U	2	U	2	U
1,2-Dichloroethane	2	U	5	U	2	U	5	U	2	U	2	U	2	U
1,2-Dichloropropane	2	U	5	U	2	U	5	U	2	U	2	U	2	U
1,3-Dichloropropane	2	U			2	U			2	U	2	U	2	U
2-Hexanone	2	U	10	U	2	U	10	U	2	U	2	U	2	U
Acetone	2	U	10	U	2	U	10	U	2	U	2	U	2	U
Benzene	2	U	5	U	2	U	5	U	2	U	2	U	2	U
Bromodichloromethane	2	U	5	U	2	U	5	U	2	U	2	U	2	U
Bromoform	2	U	5	U	2	U	5	U	2	U	2	U	2	U
Carbon disulfide			5	U			5	U						
Carbon tetrachloride	2	U	5	U	2	U	5	U	2	U	2	U	2	U
Chlorobenzene	2	U	5	U	2	U	5	U	2	U	2	U	2	U
Chloroethane	2	U	10	U	2	U	10	U	2	U	2	U	2	U
Chloroform	2	U	5	U	2	U	5	U	2	U	2	U	2	U
cis-1,2-Dichloroethylene	2	U			2	U			2	U	2	U	2	U
cis-1,3-Dichloropropene	2	U	5	U	2	U	5	U	2	U	2	U	2	U
Dibromochloromethane	2	U	5	U	2	U	5	U	2	U	2	U	2	U
Ethene, 1,2-dichloro-, (E)-	2	U	5	U	2	U	5	U	2	U	2	U	2	U
Ethylbenzene	2	U	5	U	2	U	5	U	2	U	2	U	2	U
m-Dichlorobenzene	2	U	5	U	2	U	5	U	2	U	2	U	2	U
m/p xylene	2	U			2	U			2	U	2	U	2	U
Methyl bromide	2	U	10	U	2	U	10	U	2	U	2	U	2	U
Methyl chloride	2	U	10	U	2	U	10	U	2	U	2	U	2	U
Methyl ethyl ketone	2	U	10	U	2	U	10	U	2	U	2	U	2	U
Methyl isobutyl ketone (MIBK)	2	U	10	U	2	U	10	U	2	U	2	U	2	U
Methyl tert-butyl ether	2	U	10	U	2	U	10	U	2	U	2	U	2	U
Methylene chloride	2	U	5	U	2	U	5	U	2	U	2	U	2	U
o-Dichlorobenzene	2	U	5	U	2	U	5	U	2	U	2	U	2	U
o-Xylene	2	U			2	U			2	U	2	U	2	U
p-Dichlorobenzene	2	U	5	U	2	U	5	U	2	U	2	U	2	U
Tetrachloroethylene	2	U	5	U	2	U	5	U	2	U	2	U	2	U
Toluene	2	U	5	U	2	U	5	U	2	U	2	U	2	U
trans-1,3-Dichloropropene	2	U	5	U	2	U	5	U	2	U	2	U	2	U
Trichloroethylene	2	U	5	U	2	U	5	U	2	U	2	U	2	U
Trichlorofluoromethane	2	U	5	U	2	U	5	U	2	U	2	U	2	U
Vinyl chloride	2	U	10	U	2	U	10	U	2	U	2	U	2	U

FM - 2003 Groundwater Data: Metals
Brookhaven National Laboratory
Project: Sewage Treatment Plant and Peconic River

Analyte	**038-02 depth: 18 6/6/2003** (ug/L)		**038-02 depth: 18 12/12/2003** (ug/L)		**038-03 depth: 13 6/6/2003** (ug/L)		**038-03 depth: 13 12/12/2003** (ug/L)		**039-07 depth: 22.5 6/5/2003** (ug/L)		**039-07 depth: 20 12/12/2003** (ug/L)		**039-08 depth: 22.5 6/6/2003** (ug/L)		**039-08 depth: 22 12/12/2003** (ug/L)	
Aluminum	2.2	U	50	U	6.3		50	U	2.2	U	50	U	2.2	U	50	U
Antimony	0.9	U	5	U	0.9	U	5	U	0.9	U	5	U	0.9	U	5	U
Arsenic	3	U	5	U	3	U	5	U	3	U	5	U	3	U	5	U
Barium	3.8		4.9	B	11.1		9.6	B	1.8	U	2.1	B	11.8		5.5	B
Beryllium	0.7	U	2	U	0.7	U	2	U	0.7	U	2	U	0.7	U	0.2	B
Cadmium	1.1	U	2	U	1.1	U	2	U	1.1	U	2	U	1.1	U	2	U
Calcium			6930				7000				2700				5740	
Chromium	1	U	5	U	1	U	5	U	1	U	5	U	1	U	1	B
Cobalt	0.4		5	U	1.9		6.2		0.6		4.4	B	1.8		1.1	B
Copper	2	U	10	U	2.6		10	U	2	U	10	U	6.9		4.7	B
Iron	75	U	50	U	100	U	**4390**		100	U	50	U	100	U	26	B
Lead	1.3	U	3	U	1.3	U	3	U	1.3	U	3	U	1.3	U	3	U
Magnesium			688				1460				733				2150	
Manganese	2.5	J	6.2		16		**352**		3.3		9.3		2	U	0.8	B
Mercury	0.006	U	0.2	U	0.004	U	0.2	U	0.237		0.2	U	0.01	U	0.2	U
Nickel	1.1	U	10	U	2.9		10	U	1.1	U	10	U	2.1		3.3	B
Potassium			2000	U			2000	U			2000	U			2310	
Selenium	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Silver	1	U	2	U	1	U	2	U	1	U	2	U	1	U	2	U
Sodium	4410		4730		3600		5200		4500		3920		19900		7720	
Thallium	0.7	U	5	U	0.7	U	5	U	0.7	U	5	U	0.7	U	5	U
Vanadium	5.5	U	5	U	5.5	U	5	U	5.5	U	5	U	5.5	U	1.7	B
Zinc	4	U	10	U	107		30.1		5.1		10	U	4	U	10	U

FM - 2003 Groundwater Data: Metals
Brookhaven National Laboratory
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Analyte	**039-86 depth: 22.5 6/5/2003** (ug/L)		**039-86 depth: 20 12/12/2003** (ug/L)		**039-87 depth: 19 6/6/2003** (ug/L)		**039-87 depth: 19 12/12/2003** (ug/L)		**039-88 depth: 24 6/5/2003** (ug/L)		**039-89 depth: 22.5 6/5/2003** (ug/L)		**039-90 depth: 22.5 6/5/2003** (ug/L)	
Aluminum	2.2	U	25.9	B	101		32.1	B	9.8		63.7		2.2	U
Antimony	0.9	U	5	U	0.9	U	5	U	0.9	U	0.9	U	0.9	U
Arsenic	3	U	5	U	3	U	5	U	3	U	3	U	3	U
Barium	13.1		18.9	B	54.3		18.1	B	21.4		39.7		10.8	
Beryllium	0.7	U	0.13	B	0.7	U	2	U	0.7	U	0.7	U	0.7	U
Cadmium	1.1	U	2	U	1.5		2	U	1.1	U	1.1	U	1.1	U
Calcium			8380				7370							
Chromium	1	U	5	U	1	U	5	U	1	U	1	U	1	U
Cobalt	0.7		0.79	B	1.2		3.8	B	0.2		0.9		0.5	
Copper	3.1		10	U	2.6		10	U	2	U	2	U	2	U
Iron	100	U	52.4		100	U	50	U	100	U	100	U	100	U
Lead	1.3	U	3	U	1.3	U	3	U	1.3	U	1.3	U	1.3	U
Magnesium			3080				1940							
Manganese	121		170		36.8		17.1		8.3		64.2		5.4	
Mercury	-0.024	U	0.2	U	-0.01	U	0.2	U	0.001	U	0.312		0.255	
Nickel	1.7		10	U	8.5		10	U	1.1	U	1.2		1.1	U
Potassium			3050				2000	U						
Selenium	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Silver	1	U	2	U	1	U	2	U	4.7		1	U	1	U
Sodium	**28400**		**33300**		6600		3520		4100		3800		4300	
Thallium	0.7	U	5	U	0.7	U	5	U	0.7	U	0.7	U	0.7	U
Vanadium	5.5	U	5.1		5.5	U	5	U	5.5	U	5.5	U	5.5	U
Zinc	4	U	10	U	223		46.6		4	U	5.2		4	U

FM - 2003 Groundwater Data: General Chemistry Parameters
Brookhaven National Laboratory
Project: Sewage Treatment Plant and Peconic River

Analyte	038-02 depth: 18 6/6/2003 (ug/L)		038-02 depth: 18 12/12/2003 (ug/L)		038-03 depth: 13 6/6/2003 (ug/L)		038-03 depth: 13 12/12/2003 (ug/L)		039-07 depth: 22.5 6/5/2003 (ug/L)		039-07 depth: 20 12/12/2003 (ug/L)		039-08 depth: 22.5 6/6/2003 (ug/L)		039-08 depth: 22 12/12/2003 (ug/L)	
Chloride	5900		3600		4100		1900		4000	U	3500		19000		2900	
Nitrate (as N)	1000	U	2300		1100		300		1000	U	1200		7400		4600	
Sulfate	6100		8800		10300		14400		8900		5800		14800		9700	

FM - 2003 Groundwater Data: General Chemistry Parameters
Brookhaven National Laboratory
Project: Sewage Treatment Plant and Peconic River

Analyte	**039-86 depth: 22.5 6/5/2003** (ug/L)		**039-86 depth: 20 12/12/2003** (ug/L)		**039-87 depth: 19 6/6/2003** (ug/L)		**039-87 depth: 19 12/12/2003** (ug/L)		**039-88 depth: 24 6/5/2003** (ug/L)		**039-89 depth: 22.5 6/5/2003** (ug/L)		**039-90 depth: 22.5 6/5/2003** (ug/L)	
Chloride	30400		47300		11300		4100		7000		5800		4100	
Nitrate (as N)	4300		6200		3100		590		1000		1000	U	1900	
Sulfate	20500		14800		12000		10000		11400		12300		10600	

FM - 2003 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: Sewage Treatment Plant and Peconic River

Analyte	**038-02 depth: 18 6/6/2003** pCi/L				**038-02 depth: 18 12/12/2003** pCi/L				**038-03 depth: 13 6/6/2003** pCi/L				**038-03 depth: 13 12/12/2003** pCi/L				**039-07 depth: 22.5 6/5/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Bismuth-214																	44.3		0	4.84
Gross Alpha	1.93		0.608	0.573	1.78		0.628	0.552	0.616		0.608	0.422	1.44		0.541	0.508	1.02		0.608	0.482
Gross Beta	2.06		1.68	1.08	4.09		1.31	1.02	7.59		1.68	1.3	7.81		1.31	1.17	2.95		1.68	1.12
Lead-214									7.35		0	3.91					33.3		0	4.57
Potassium-40	38.4		0	25.2	117		0	22.2					111		0	20.9				
Radium-226																				
Tritium	17.3	U	338	228	80.4	U	286	183	236	U	337	241	53.8	U	287	183	-140	U	299	181

FM - 2003 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: Sewage Treatment Plant and Peconic River

Analyte	**039-07 depth: 20 12/12/2003** pCi/L				**039-08 depth: 22.5 6/6/2003** pCi/L				**039-08 depth: 22 12/12/2003** pCi/L				**039-86 depth: 22.5 6/5/2003** pCi/L				**039-86 depth: 20 12/12/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Bismuth-214													25.8		0	4.81				
Gross Alpha	2.26		0.541	0.622	0.142	U	0.608	0.331	1.31		0.541	0.491	0.493	U	0.608	0.383	0.461		0.541	0.386
Gross Beta	3.91		1.31	0.982	3.88		1.68	1.16	2.79		1.31	0.923	3.51		1.68	1.14	4.45		1.31	1.14
Lead-214					5.63		0	2.57					26.9		0	4.6				
Potassium-40	65.6		0	29.6					59.8		0	28.4					33.3		0	26.6
Radium-226																				
Tritium	37.2	U	285	181	-11.9	U	335	224	-153	U	294	175	-68.2	U	296	183	10.5	U	281	176

FM - 2003 Groundwater Data: Radionuclides
Brookhaven National Laboratory
Project: Sewage Treatment Plant and Peconic River

Analyte	**039-87 depth: 19 6/6/2003** pCi/L				**039-87 depth: 19 12/12/2003** pCi/L				**039-88 depth: 24 6/5/2003** pCi/L				**039-89 depth: 22.5 6/5/2003** pCi/L				**039-90 depth: 22.5 6/5/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Bismuth-214									10.8		0	3.03								
Gross Alpha	1.67		0.513	0.505	1.32		0.541	0.496	0.0707	U	0.608	0.324	0.397	U	0.608	0.384	0.346	U	0.608	0.374
Gross Beta	7.3		1.65	1.28	5.51		1.31	1.06	2.64		1.68	1.1	1.78		1.68	1.07	13.1		1.68	1.49
Lead-214									9.68		0	3.04								
Potassium-40	90.2		0	17.5					42		0	22.9	39.5		0	27.1				
Radium-226	**72.9**		0	46.1																
Tritium	60.5	U	334	228	-98.1	U	292	177	1690		299	266	245	U	298	201	-62.2	U	299	185

New Waste Management Facility
Analytical Results

FM - 2003 Groundwater Data: Volatile Organic Compounds
Brookhaven National Laboratory
Project: New Waste management Facility

Analyte	055-03 depth: 50 2/6/2003 (ug/L)		055-03 depth: 50 5/8/2003 (ug/L)		055-03 depth: 50 8/28/2003 (ug/L)		055-10 depth: 94 2/6/2003 (ug/L)		055-10 depth: 94 5/8/2003 (ug/L)		055-10 depth: 94 8/28/2003 (ug/L)		056-21 depth: 51 2/11/2003 (ug/L)		056-21 depth: 51 5/8/2003 (ug/L)	
1,1,1-Trichloroethane	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,1,2,2-Tetrachloroethane	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,1,2-Trichloroethane	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,1-Dichloroethane	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,1-Dichloroethylene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,2-Dichloroethane	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,2-Dichloropropane	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,3-Dichloropropane	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
2-Hexanone	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Acetone	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Benzene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Bromodichloromethane	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Bromoform	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Carbon tetrachloride	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Chlorobenzene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Chloroethane	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Chloroform	2	U	2	U	0.7	J	0.6	J	0.6	J	0.7	J	2	U	2	U
cis-1,2-Dichloroethylene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
cis-1,3-Dichloropropene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Dibromochloromethane	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Ethene, 1,2-dichloro-, (E)-	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Ethylbenzene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
m-Dichlorobenzene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
m/p xylene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Methyl bromide	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Methyl chloride	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Methyl ethyl ketone	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Methyl isobutyl ketone (MIBK)	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Methyl tert-butyl ether	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Methylene chloride	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
o-Dichlorobenzene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
o-Xylene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
p-Dichlorobenzene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Tetrachloroethylene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Toluene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
trans-1,3-Dichloropropene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Trichloroethylene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Trichlorofluoromethane	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Vinyl chloride	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U

FM - 2003 Groundwater Data: Volatile Organic Compounds
Brookhaven National Laboratory
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Analyte	056-21 depth: 51 8/22/2003 (ug/L)		056-22 depth: 51 2/11/2003 (ug/L)		056-22 depth: 51 5/8/2003 (ug/L)		056-22 depth: 51 8/23/2003 (ug/L)		056-23 depth: 51 2/11/2003 (ug/L)		056-23 depth: 51 5/8/2003 (ug/L)		056-23 depth: 51 8/22/2003 (ug/L)		066-07 depth: 75 2/6/2003 (ug/L)	
1,1,1-Trichloroethane	2	U	2	U	2	U	2	U	2	U	2	U	2	U	0.7	J
1,1,2,2-Tetrachloroethane	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,1,2-Trichloroethane	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,1-Dichloroethane	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,1-Dichloroethylene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,2-Dichloroethane	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,2-Dichloropropane	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,3-Dichloropropane	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
2-Hexanone	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Acetone	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Benzene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Bromodichloromethane	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Bromoform	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Carbon tetrachloride	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Chlorobenzene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Chloroethane	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Chloroform	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
cis-1,2-Dichloroethylene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
cis-1,3-Dichloropropene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Dibromochloromethane	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Ethene, 1,2-dichloro-, (E)-	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Ethylbenzene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
m-Dichlorobenzene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
m/p xylene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Methyl bromide	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Methyl chloride	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Methyl ethyl ketone	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Methyl isobutyl ketone (MIBK)	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Methyl tert-butyl ether	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Methylene chloride	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
o-Dichlorobenzene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
o-Xylene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
p-Dichlorobenzene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Tetrachloroethylene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Toluene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
trans-1,3-Dichloropropene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Trichloroethylene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Trichlorofluoromethane	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Vinyl chloride	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U

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Analyte	066-07 depth: 70 5/8/2003 (ug/L)		066-07 depth: 90 8/28/2003 (ug/L)		066-83 depth: 51 2/6/2003 (ug/L)		066-83 depth: 66 5/8/2003 (ug/L)		066-83 depth: 46 8/28/2003 (ug/L)		066-84 depth: 72.5 2/11/2003 (ug/L)		066-84 depth: 70 5/8/2003 (ug/L)		066-84 depth: 67.5 8/22/2003 (ug/L)	
1,1,1-Trichloroethane	1.3	J	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,1,2,2-Tetrachloroethane	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,1,2-Trichloroethane	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,1-Dichloroethane	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,1-Dichloroethylene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,2-Dichloroethane	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,2-Dichloropropane	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,3-Dichloropropane	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
2-Hexanone	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Acetone	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Benzene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Bromodichloromethane	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Bromoform	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Carbon tetrachloride	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Chlorobenzene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Chloroethane	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Chloroform	0.7	J	2	U	0.7	J	2		1.5	J	2	U	1.4	J	2	U
cis-1,2-Dichloroethylene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
cis-1,3-Dichloropropene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Dibromochloromethane	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Ethene, 1,2-dichloro-, (E)-	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Ethylbenzene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
m-Dichlorobenzene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
m/p xylene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Methyl bromide	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Methyl chloride	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Methyl ethyl ketone	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Methyl isobutyl ketone (MIBK)	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Methyl tert-butyl ether	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Methylene chloride	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
o-Dichlorobenzene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
o-Xylene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
p-Dichlorobenzene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Tetrachloroethylene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Toluene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
trans-1,3-Dichloropropene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Trichloroethylene	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Trichlorofluoromethane	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Vinyl chloride	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U

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Analyte	055-03 depth: 50 2/6/2003 (ug/L)		055-03 depth: 50 5/8/2003 (ug/L)		055-03 depth: 50 8/28/2003 (ug/L)		055-10 depth: 94 2/6/2003 (ug/L)		055-10 depth: 94 5/8/2003 (ug/L)		055-10 depth: 94 8/28/2003 (ug/L)		056-21 depth: 51 2/11/2003 (ug/L)		056-21 depth: 51 5/8/2003 (ug/L)	
Aluminum	2.2	U	2.2	U	10.5	B	2.2	U	2.2	U	9.7	U	2.2	U	2.2	U
Antimony	0.9	U	0.9	U	2.8	U	0.9	U	0.9	U	2.8	U	0.9	U	0.9	U
Arsenic	3	U	3	U	2.2	U	3	U	3	U	2.2	U	3	U	3	U
Barium	9		27.3		9.4	BE	13.2		15.8		11.1	BE	29.7		36.2	
Beryllium	0.7	U	0.7	U	0.1	U	0.7	U	0.7	U	0.1	U	0.7	U	0.7	U
Cadmium	1.1	U	1.1	U	0.3	U	1.1	U	1.1	U	0.3	U	1.1	U	1.1	U
Calcium					7100						3160	B				
Chromium	1	U	1.4		0.72	B	1	U	1.5		0.88	B	1	U	1.3	
Cobalt	0.1	U	0.1	U	1.6	U	0.3		0.1		1.6	U	0.2		0.3	
Copper	2	U	2.5		3.2	B	2	U	2	U	2.3	B	2.2		2.3	
Iron	15	U	100	U	26.9	B	12	U	100	U	24.1	B	15	U	100	U
Lead	1.3	U	1.3	U	1.1	U	1.3	U	1.3	U	1.1	U	1.3	U	1.3	U
Magnesium					1960	B					1760	B				
Manganese	2	U	2	U	0.96	BE	2	U	2	U	2.4	BE	5.5		3.1	
Mercury	0.0213	U	0.1	U	0.1	U	0.016	U	0.1	U	0.1	U	0.00614	U	0.1	U
Nickel	1.1	U	1.1	U	1.3	U	1.1	U	1.1	U	1.3	U	1.1	U	1.1	U
Potassium					594	B					654	B				
Selenium	7.3	J	5	U	2	U	7.6	J	5	U	2	U	6.9	J	5	U
Silver	1	U	1	U	0.4	U	1	U	1	U	0.4	U	1	U	1.3	
Sodium	12900		**27900**		12600	E	13500		13900		12900	E	**21300**		**26400**	
Thallium	0.7	U	0.7	U	2.3	U	0.7	U	0.7	U	2.3	U	0.7	U	0.7	U
Vanadium	5.5	U	5.5	U	1.3	U	5.5	U	5.5	U	1.3	U	5.5	U	5.5	U
Zinc	6.9		9.2		209		5.5		12.1		178		6.6		10	

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Analyte	056-21 depth: 51 8/22/2003 (ug/L)		056-22 depth: 51 2/11/2003 (ug/L)		056-22 depth: 51 5/8/2003 (ug/L)		056-22 depth: 51 8/23/2003 (ug/L)		056-23 depth: 51 2/11/2003 (ug/L)		056-23 depth: 51 5/8/2003 (ug/L)		056-23 depth: 51 8/22/2003 (ug/L)		066-07 depth: 75 2/6/2003 (ug/L)	
Aluminum	36.6	B	2.2	U	2.2	U	11.1	B	2.2	U	2.2	U	17.7	B	2.2	U
Antimony	2.8	U	0.9	U	0.9	U	2.8	U	0.9	U	0.9	U	2.8	U	0.9	U
Arsenic	2.2	U	3	U	3	U	2.2	U	3	U	3	U	2.2	U	3	U
Barium	34.4	BE	27.4		26.5		28.1	BE	28.9		26.7		33.9	BE	17.5	
Beryllium	0.32	B	0.7	U	0.7	U	0.1	U	0.7	U	0.7	U	0.1	U	0.7	U
Cadmium	0.43	B	1.1	U	1.1	U	0.3	U	1.1	U	1.1	U	0.3	U	1.1	U
Calcium	10800						12700						15200			
Chromium	0.6	U	1	U	1.2		0.6	U	1	U	1.4		0.6	U	1	U
Cobalt	1.6	U	0.3		0.3		1.6	U	0.5		0.4		1.6	U	0.1	
Copper	2.6	B	2	U	2	U	2.3	B	2	U	2	U	2.1	B	2	U
Iron	29.4	B	28	U	100	U	35.4	B	31	U	100	U	30.2	B	14	U
Lead	1.1	U	1.3	U	1.3	U	1.1	U	1.3	U	1.3	U	1.1	U	1.3	U
Magnesium	3730	B					5250						5530			
Manganese	30.7	E	2	U	2	U	3.9	BE	2.6		2	U	4.5	BE	2	U
Mercury			0.00746	U	0.1	U			0.000937	U	0.1	U			0.017	U
Nickel	1.3	U	1.1	U	1.1	U	1.3	U	1.1	U	1.1	U	1.3	U	1.1	U
Potassium	1160	B					1570	B					1780	B		
Selenium	2.2	B	7.8	J	5	U	2	U	7.8	J	5	U	2	U	7.2	J
Silver	0.4	U	1	U	1	U	0.4	U	1	U	1	U	0.4	U	1	U
Sodium	18400	E	9510		9800		8690	E	11100		6900		10100	E	13800	
Thallium	**2.7**	B	0.7	U	0.7	U	2.3	U	0.7	U	0.7	U	2.3	U	0.7	U
Vanadium	1.3	U	5.5	U	5.5	U	1.3	U	5.5	U	5.5	U	1.3	U	5.5	U
Zinc	38.2		6.3		10.4		102		6.3		10.7		56.3		6.4	

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Analyte	066-07 depth: 70 5/8/2003 (ug/L)		066-07 depth: 90 8/28/2003 (ug/L)		066-83 depth: 51 2/6/2003 (ug/L)		066-83 depth: 66 5/8/2003 (ug/L)		066-83 depth: 46 8/28/2003 (ug/L)		066-84 depth: 72.5 2/11/2003 (ug/L)		066-84 depth: 70 5/8/2003 (ug/L)		066-84 depth: 67.5 8/22/2003 (ug/L)	
Aluminum	2.2	U	9.7	U	2.2	U	2.2	U	10.4	B	2.2	U	2.2	U	9.7	U
Antimony	0.9	U	2.8	U	0.9	U	0.9	U	2.8	U	0.9	U	0.9	U	2.8	U
Arsenic	3	U	2.2	U	3	U	3	U	2.2	U	3	U	3	U	2.2	U
Barium	27.1		22.6	BE	14.4		14.2		13.6	BE	5.8		8.7		5.6	BE
Beryllium	0.7	U	0.1	U	0.7	U	0.7	U	0.1	U	0.7	U	0.7	U	0.1	U
Cadmium	1.1	U	0.3	U	1.1	U	1.1	U	0.3	U	1.1	U	1.1	U	0.3	U
Calcium			11600						9310						2400	B
Chromium	1.5		0.73	B	1	U	1.2		0.92	B	1	U	2.6		0.6	B
Cobalt	0.2		1.6	U	0.7		0.5		1.6	U	0.2		0.6		1.6	U
Copper	2.5		1.9	B	2	U	2	U	2.4	B	2	U	2.1		2.5	B
Iron	100	U	28.6	B	16	U	100	U	25.7	B	20	U	100	U	24.4	B
Lead	1.3	U	1.1	U	1.3	U	1.3	U	1.1	U	1.3	U	1.3	U	1.1	U
Magnesium			3220	B					3590	B					989	B
Manganese	2	U	1.1	BE	2.8		2	U	2.4	BE	2	U	2	U	2	BE
Mercury	0.37		0.1	U	0.0137	U	0.4		0.1	U	0.00772	U	0.1	U		
Nickel	1.1	U	1.3	U	1.1	U	1.1	U	1.3	U	1.1	U	1.1	U	1.3	U
Potassium			1450	B					1260	B					1300	B
Selenium	5	U	2	U	7.3	J	5	U	2	U	6.9	J	5	U	2	U
Silver	1	U	0.4	U	1	U	1	U	0.4	U	1	U	1	U	0.4	U
Sodium	**22900**		17200	E	10300		13800		13200	E	9110		17000		10600	E
Thallium	0.7	U	2.3	U	0.7	U	0.7	U	2.3	U	0.7	U	0.7	U	2.3	U
Vanadium	5.5	U	1.3	U	5.5	U	5.5	U	1.3	U	5.5	U	5.5	U	1.3	U
Zinc	11.5		135		7.4		10		234		5.9		10		38.9	

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Analyte	**055-03 depth: 50 2/6/2003** (ug/L)		**055-03 depth: 50 5/8/2003** (ug/L)		**055-03 depth: 50 8/28/2003** (ug/L)		**055-10 depth: 94 2/6/2003** (ug/L)		**055-10 depth: 94 5/8/2003** (ug/L)		**055-10 depth: 94 8/28/2003** (ug/L)		**056-21 depth: 51 2/11/2003** (ug/L)		**056-21 depth: 51 5/8/2003** (ug/L)	
Chloride	17300		76900		18500		9000		10700		8500		34900	J	46000	
Nitrate (as N)	1000	U	1000	UJ	1000	UJ	1000	U	1000	UJ	1000	UJ	1100	J	1400	J
Sulfate	6600		7500	J	8600	J	16200		16800	J	15700	J	16200	J	14500	J

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Analyte	**056-21 depth: 51 8/22/2003** (ug/L)		**056-22 depth: 51 2/11/2003** (ug/L)		**056-22 depth: 51 5/8/2003** (ug/L)		**056-22 depth: 51 8/23/2003** (ug/L)		**056-23 depth: 51 2/11/2003** (ug/L)		**056-23 depth: 51 5/8/2003** (ug/L)		**056-23 depth: 51 8/22/2003** (ug/L)		**066-07 depth: 75 2/6/2003** (ug/L)	
Chloride	28800		12700	J	14100		11600		15100	J	7400		11900		19000	
Nitrate (as N)	1100	J	2300	J	2300	J	1900	J	2600	J	2500	J	3100	J	1500	
Sulfate	19000	J	19800	J	16700	J	18300	J	18200	J	21300	J	20600	J	15200	

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Analyte	**066-07 depth: 70 5/8/2003** (ug/L)		**066-07 depth: 90 8/28/2003** (ug/L)		**066-83 depth: 51 2/6/2003** (ug/L)		**066-83 depth: 66 5/8/2003** (ug/L)		**066-83 depth: 46 8/28/2003** (ug/L)		**066-84 depth: 72.5 2/11/2003** (ug/L)		**066-84 depth: 70 5/8/2003** (ug/L)		**066-84 depth: 67.5 8/22/2003** (ug/L)	
Chloride	32200		25200		14100		19300		15700		6100	J	17300		5400	
Nitrate (as N)	2100	J	1700	J	1000	U	1000	UJ	1000	UJ	1000	UJ	1000	UJ	1000	UJ
Sulfate	26000	J	18300	J	12300		15700	J	14700	J	7900	J	8600	J	4400	

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Analyte	**055-03 depth: 50 2/6/2003** pCi/L				**055-03 depth: 50 5/8/2003** pCi/L				**055-03 depth: 50 8/28/2003** pCi/L				**055-10 depth: 94 2/6/2003** pCi/L				**055-10 depth: 94 5/8/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Bismuth-214									8.9		0	3.26								
Gross Alpha	0.371	U	0.479	0.316	0.115	U	0.463	0.243	1.09		0.673	0.494	0.426	U	0.479	0.324	0.0872	U	0.463	0.244
Gross Beta	0.225	U	1.62	0.956	1.64		1.31	0.857	3.23		1.41	0.992	-0.0482	U	1.62	0.942	0.249	U	1.31	0.771
Lead-212									3.4		0	3								
Lead-214	7.25		0	3.63	10.6		0	3.55									9.84		0	2.83
Potassium-40					33.9		0	21.5												
Tritium	125	U	364	237	179	U	317	218	-150	U	383	153	412		364	253	203	U	317	220

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Analyte	**055-10 depth: 94 8/28/2003** pCi/L				**056-21 depth: 51 2/11/2003** pCi/L				**056-21 depth: 51 5/8/2003** pCi/L				**056-21 depth: 51 8/22/2003** pCi/L				**056-22 depth: 51 2/11/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Bismuth-214																				
Gross Alpha	1.03		0.673	0.506	4.29		0.351	0.719	0.259	U	0.463	0.278	0.999		0.663	0.476	4.06		0.351	0.708
Gross Beta	0.363	U	1.41	0.834	7.51		1.42	1.2	3.98		1.31	0.985	2.74		1.65	1.09	5.19		1.42	1.1
Lead-212																				
Lead-214																				
Potassium-40	35.5		0	27	25.5		0	21.9									33.6		0	19.3
Tritium	62.3	U	385	166	150	U	377	224	-11.4	U	273	169	-160	U	311	192	-39.5	U	377	213

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Analyte	**056-22 depth: 51 5/8/2003** pCi/L				**056-22 depth: 51 8/23/2003** pCi/L				**056-22 depth: 56 9/29/2003** pCi/L				**056-23 depth: 51 2/11/2003** pCi/L				**056-23 depth: 51 5/8/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Bismuth-214																				
Gross Alpha	0.0952	U	0.463	0.243	-0.164	U	0.663	0.315					7.94		0.351	0.968	-0.146	U	0.463	0.172
Gross Beta	1.96		1.31	0.876	1.99		1.65	1.06					11		1.42	1.34	2.94		1.31	0.931
Lead-212																				
Lead-214					11.8		0	4.4									7.13		0	3.75
Potassium-40													58.2		0	29.6	44.3		0	26.2
Tritium	151	U	273	178	280	U	308	214	-5.05	U	356	247	407		377	243	411		317	232

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Analyte	**056-23 depth: 51 8/22/2003** pCi/L				**056-23 depth: 51 9/4/2003** pCi/L				**056-23 depth: 56 9/29/2003** pCi/L				**056-23 depth: 51 11/5/2003** pCi/L				**066-07 depth: 75 2/6/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Bismuth-214																				
Gross Alpha	-0.115	U	0.663	0.324													0.122	U	0.479	0.26
Gross Beta	1.36	U	1.65	1.03													1.62		1.62	1.02
Lead-212																				
Lead-214	17		0	3.81																
Potassium-40																	26.8		0	20
Tritium	1120		311	253	1100		346	276	1300		289	246	2430		356	339	320	U	364	236

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Analyte	**066-07 depth: 70 5/8/2003** pCi/L				**066-07 depth: 90 8/28/2003** pCi/L				**066-83 depth: 51 2/6/2003** pCi/L				**066-83 depth: 66 5/8/2003** pCi/L				**066-83 depth: 46 8/28/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Bismuth-214																				
Gross Alpha	0.15	U	0.463	0.255	0.293	U	0.673	0.393	0.127	U	0.479	0.26	0.193	U	0.463	0.267	2.92		0.673	0.694
Gross Beta	1.4		1.31	0.843	1.7		1.41	0.911	1.41	U	1.62	1.01	1.39		1.31	0.842	3.51		1.41	1.01
Lead-212																				
Lead-214									13.9		0	3.7					7.78		0	3.43
Potassium-40	37.2		0	20.3									32.1		0	22.3	28.1		0	21.8
Tritium	485		273	196	142	U	276	175	128	U	364	235	33.2	U	273	171	-123	U	391	158

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Analyte	**066-84 depth: 72.5 2/11/2003** pCi/L				**066-84 depth: 70 5/8/2003** pCi/L				**066-84 depth: 67.5 8/22/2003** pCi/L				**066-84 depth: 67.5 9/29/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Bismuth-214									13.8		0	3.63				
Gross Alpha	0.359	U	0.513	0.331	0.0909	U	0.463	0.243	-0.216	U	0.663	0.298				
Gross Beta	-3.8	U	2.31	1.22	1.61		1.31	0.856	0.702	U	1.65	0.995				
Lead-212																
Lead-214									11.2		0	4.85				
Potassium-40	32.4		0	27.7	42		0	27.3	37.4		0	27.4				
Tritium	15.5	U	377	223	209	U	317	222	-148	U	312	193	-35.2	U	355	244

Building 801
Analytical Results

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Analyte	**065-169 depth: 85 4/17/2003** pCi/L				**065-169 depth: 85 10/10/2003** pCi/L				**065-170 depth: 85 4/17/2003** pCi/L				**065-170 depth: 85 10/10/2003** pCi/L				**065-325 depth: 73 1/27/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Americium-241					12	U	20	10					3.3	U	17	9.1				
Beryllium-7					8	U	110	54					21	U	100	51				
Bismuth-214																	25.2		0	4.21
Cesium-134					-2.8	U	9.3	5.8					-6	U	11	6.9				
Cesium-137	-0.195	U	1.94	1.17	0.9	U	15	7.4	0.28	U	1.96	1.11	-1	U	13	7				
Co-60					0.1	U	16	7.6					2	U	17	7.7				
Cobalt-57					-2.3	U	5.9	3.6					-0.3	U	6.4	3.5				
Europium-152					24	U	130	58					-68	U	110	69				
Europium-154					45	U	130	56					-12	U	130	66				
Europium-155					-3	U	24	13					2	U	25	13				
Gross Alpha																	1.23		0.479	0.392
Gross Beta																	11.8		1.46	1.39
Lead-214																	20		0	6.17
Manganese-54					-1	U	13	6.5					-4.2	U	12	6.9				
Potassium-40																	49.9		0	29.5
Sodium-22					-0.6	U	18	8.7					-6	U	18	11				
Strontium-90	1.29		0.248	0.182	1.09	J	0.68	0.5	2		0.206	0.175	1.77	J	0.59	0.55	**33.4**		0.278	0.731
Tritium																	59.1	U	395	230
Zinc-65					-5	U	34	18					0.7	U	39	19				

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Analyte	**065-325 depth: 73 4/22/2003** pCi/L				**065-325 depth: 73.5 10/8/2003** pCi/L				**065-37 depth: 73 4/24/2003** pCi/L				**065-37 depth: 73 11/6/2003** pCi/L			
	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error	Result	Qual	MDA	Error
Americium-241													12.3	U	20	9.6
Beryllium-7													-1	U	94	49
Bismuth-214	34.5		0	4.57												
Cesium-134													-1.4	U	10	6.5
Cesium-137									0.181	U	1.79	2.15	-7.9	U	13	8.2
Co-60													15	U	28	12
Cobalt-57													-0.3	U	6.7	3.9
Europium-152													11	U	120	54
Europium-154													-47	U	100	63
Europium-155													-2	U	23	13
Gross Alpha	0.939		0.459	0.34	4.03		0.55	0.607								
Gross Beta	77.2		1.66	2.95	103		1.81	3.33								
Lead-214	32.6		0	4.4	7.91		0	3.52								
Manganese-54													-3	U	11	6.5
Potassium-40	46.5		0	22.1												
Sodium-22													0.09	U	12	5.2
Strontium-90	**46.8**		0.324	0.973	**54.2**		0.434	1.5	**22.6**		0.475	0.878	4.4		0.7	1.1
Tritium	78.6	U	267	204	352	U	360	264					190	U	270	170
Zinc-65													-1	U	33	17