Mottolo
279138

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VOLUME VII OF VIII
MOTTOLO SITE
REMEDIAL INVESTIGATION REPORT
APPENDICES C-5 THROUGH C-7

Submitted to:

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September 28, 1990
Balsam Project 6185/818

(S4324COV)

APPENDIX C-5

DECEMBER 1989 AND MARCH 1990
GROUND WATER AND SURFACE WATER SAMPLING
VALIDATED DATA AND DATA VALIDATION MEMORANDA

(4024)

BALSAM
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MEMORANDUM

TO: File

FROM: Brian T. Quinlan BTQ

DATE: March 19, 1990

SUBJECT: Mottolo Site - Balsam Project 6185/831
Phase III Ground Water and Surface Water Sampling
Data Validation - Volatile Organic Compound Analyses

The data package under evaluation consisted of 38 aqueous samples and 2 aqueous blank samples analyzed for the Hazardous Substance List (HSL) volatile organic compounds (VOCs) and tetrahydrofuran (THF). Samples were analyzed and results were presented by Aquatec, Inc. (Aquatec) as a commercial data package with Level III deliverables; however, the analyses were performed in general accordance with the U.S. Environmental Protection Agency (EPA) Contract Laboratory Program (CLP) Statement of Work (SOW) for Organic Analyses. A validation review of the data was performed, where applicable, using criteria established in the Mottolo Project Operations Plan (POP) and the EPA document "Laboratory Data Validation, Functional Guidelines for Evaluating Organic Analyses", dated February 1988 and hereafter referred to as guidelines in this memorandum. The parameters evaluated in this review of the data package included:

- integrity and completeness of the data package;
- holding times;
- blank samples;
- surrogate recoveries;
- field duplicates samples; and
- tentatively identified compounds.

INTEGRITY AND COMPLETENESS OF THE DATA PACKAGE

The data package under review consisted of Level III deliverables including sample results, laboratory method blank data, surrogate recoveries, and tentatively identified compounds (TICs). Review of the data package indicated that sufficient data were present to conduct the data evaluation.

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HOLDING TIMES

Holding times were assessed in terms of the SOW and the Mottolo POP criteria. The maximum allowable holding time for VOCs from sample receipt at the laboratory to sample analysis was established as 10 days in the SOW. The holding time from sample collection to analysis for VOCs was established as 14 days in the POP. Review of the sample collection dates and analysis dates indicated that neither of these holding time limits were exceeded.

BLANK SAMPLES

Actions are generally taken to qualify related data when contaminants are detected in trip blank, field blank, or laboratory blank samples. Blank samples associated with this data package were evaluated in this context. Sample detection limits should be raised for compounds detected in associated blanks to determine appropriate actions. For common laboratory contaminants listed in the guidelines, sample detection limits should be raised to 10 times the highest concentration encountered in associated blanks.

Compounds detected in affected samples at concentrations less than these adjusted limits should be reported as not detected and the adjusted detection limits qualified as approximate (UJ). Results for compounds detected in affected samples at concentrations above the adjusted detection limits should be reported with no qualifications.

In analysis of the trip blank sample QA-201, methylene chloride, acetone, and 2-butanone were detected at 2 parts per billion (ppb), 7 ppb, and 4 ppb, respectively. Data qualification actions based on the presence of these contaminants were applied to all samples. Methylene chloride, acetone, and 2-butanone were also reported as present in the field blank sample QA-203 at concentrations of 2 ppb, 6 ppb and 4 ppb, respectively. The field blank was collected from a decontaminated bailer; therefore, data qualification actions based on the presence of these contaminants were applied to ground water samples, which were collected with bailers.

Methylene chloride, acetone, and 2-butanone were detected in the laboratory blank samples at the following ranges of concentrations: methylene chloride at 1 to 5 ppb; acetone at 3 to 18 ppb; and 2-butanone at 4 to 5 ppb. Data qualification actions resulting from laboratory blank contamination were applied to samples analyzed on the same day as the affected laboratory blank. A summary of data qualification actions based upon blank criteria is presented in Table I and is discussed further in the summary section of this memorandum.

SURROGATE SPIKE RECOVERIES

Surrogate spike recoveries were evaluated in accordance with the validation guidelines, which require that recoveries fall within limits specified in the SOW.

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Surrogate recoveries for samples analyzed and presented in this package were reviewed and found to be within the SOW criteria.

FIELD DUPLICATE SAMPLES

Field duplicate samples were submitted and analyzed as a measure of field and laboratory precision. Results for field duplicate samples GW-OW4SR-231/GW-DUP-233 were not assessed in terms of relative percent difference (RPD) because of large differences in sample detection limits. Sample GW-DUP-233 had been diluted at the laboratory by a factor of ten, thus raising the detection limit for that sample by the same factor. As a result, several compounds detected in sample GW-DUP-233 were qualified by the laboratory as approximate concentrations, while they were not qualified as approximate concentrations in sample GW-OW4SR-231. Additionally, several compounds were detected in sample GW-OW4SR-231 at low concentrations but were not reported in sample GW-DUP-233, most likely because of the differences in detection limits. Compounds that were reported in both samples at concentrations above the respective detection limits were detected at comparable levels.

The comparability of duplicate samples SW-S3-203/SW-DUP-209 was not assessed in terms of RPD because detected compounds in both samples were present at low concentrations, which were less than the Contract Required Detection Limits (CRDLs). However, the estimated concentrations reported for these samples were comparable.

TENTATIVELY IDENTIFIED COMPOUNDS

TICs were reported in 10 of 38 samples analyzed. Eight TICs were reported in sample GW-OW2SR-228; 5 in sample GW-OW4DR-232; 4 in sample GW-MO3SR-204 and 3 or less in the remaining ground water samples. TICs were not detected in the surface water samples.

The compound 2,2,4,4-tetramethyl-3-pentanone, the most prevalent TIC reported, was tentatively identified in samples GW-MO2S-202, GW-MO2DR-203, GW-MO3SR-204, GW-MO3DR-205, GW-MW12D-218, GW-OW2SR-228, GW-OW4SR-231, GW-OW4DR-232, and GW-DUP-233. A C3-substituted benzene was reported in samples GW-OW2SR-228 and GW-OW4DR-232 and n-propyl benzene was reported in GW-MO3SR-204 and GW-OW2SR-228. Other reported TICs included ethyl methyl benzenes, trimethyl benzenes and unknown aliphatic compounds. Pentane was reported as a TIC in sample GW-MW21S-226, a saturated hydrocarbon was reported in sample GW-OW2SR-228 and 2,6-dimethyl-4-heptanol was reported in sample GW-OW4SR-231.

SUMMARY

Data qualification actions were taken for several sample analyses due to blank contamination. Detection limits were adjusted for methylene chloride in 12 samples, and the original results were reported as not detected. Similar

actions were taken for acetone in 22 samples and for 2-butanone in 19 samples. A summary of laboratory reported results and validated data are provided in Tables II and III, respectively.

Data in this package were found to meet the Data Quality Objectives (DQOs) set forth in the Mottolo POP and the Scoping of Response Actions Phase I report. In these references, specific data quality requirements for the Mottolo site were outlined. The review of consistency with DQOs focused on the following areas: contaminants of concern; analytical methods; detection limits; and data precision, accuracy, and completeness.

The compounds analyzed for and reported in this data package included those defined in the SOW for CLP analyses and were consistent with the Mottolo POP with the exception of MTBE, which was deleted from the parameter list with the approval of EPA. The compounds for which results were reported included the HSL VOCs plus THF and 2-chloroethyl vinyl ether, which was analyzed by Aquatec although not included on the Mottolo target parameter list.

Method detection limits were utilized as the analytical detection limits. In accordance with the POP, the method detection limits were equivalent to the Contract Required detection Limits (CRDLs) defined in the SOW. These detection limits were adjusted for some compounds as the result of the validation review, but the adjustments were consistent with the criteria presented in the EPA validation guidelines.

Data precision was addressed during the validation review process. An assessment using RPD criteria was not possible due to the different sample dilutions used for one set of field duplicates and because of low compound concentrations detected in the other set of field duplicates. However, despite differences in dilution, results reported above the corresponding detection limit in the field duplicate samples GW-0W4SR-231/GW-DUP-233, were detected at similar concentrations. It should also be noted that the reported estimated concentrations in field duplicate samples SW-S3-203/SW-DUP-209 were similar.

Data accuracy was assessed by reviewing surrogate spike recoveries and was found to be within acceptable criteria.

The objective for data completeness stated in the scoping in the Scoping of Response Actions Phase I report was to obtain a minimum of 85 percent valid data. This objective was achieved in this data package as 100 percent of the data were judged to be valid.

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TABLE 1

BLANK CONTAMINANT ACTIONS (VOCs)

Blank Sample #	Compound	Concentration Detected (ppb)	Action Level (ppb)	Affected Samples
QA-201 (trip blank)	Methylene Chloride	2	20	All Samples
	Acetone	7	70	
	2-Butanone	4	40	
QA-203 (field blank)	Methylene Chloride	2	20	All Samples
	Acetone	6	60	
	2-Butanone	4	40	
VBLKV9	Methylene Chloride	4	40	GW-M03SR-204
	Acetone	4	40	GW-M04D-207
				GW-M05S-208
VBLKW1	Methylene Chloride	5	50	GW-DUP-233
	Acetone	18	180	GW-M01-201
	2-Butanone	4	40	GW-M02S-202
				GW-M02DR-203
				GW-M03DR-205
				GW-M04S-206
				GW-M05DR-209
				GW-MW7D-211
VBLKW2	Methylene Chloride	1	10	GW-MW8S-214
	Acetone	3	30	GW-MW12D-218
				GW-MW13D-220
				GW-MW14D-222
				GW-MW14S-221
VBLKW3	Methylene Chloride	1	10	GW-MW8D-213
	Acetone	5	50	GW-MW9D-215
	2-Butanone	5	50	GW-MW11D-216
				GW-MW12S-217
				GW-MW13S-219
VBLKW7	Methylene Chloride	3	30	GW-MW18D-223
				GW-MW20D-225
				GW-MW20S-224
				GW-MW21D-227
				GW-MW21S-226
				GW-OW2DR-229
				GW-0W2SR-228
				GW-0W3R-230
				GW-OW4DR-232
				GW-0W4SR-231

TABLE 1 (continued)

BLANK CONTAMINANT ACTIONS (VOCs)

Blank Sample #	Compound	Concentration Detected (ppb)	Action Level (ppb)	Affected Samples
VBLKX3	Methylene Chloride	2	20	SW-DUP-209
	Acetone	12	120	SW-S1-201
	2-Butanone	4	40	SW-S2-202
				SW-S3-203
				SW-S6-206
VBLKX4	Methylene Chloride	1	10	SW-S5-205
	Acetone	5	50	SW-S10-208
	2-Butanone	4	40	
VBLKX2	Methylene Chloride	2		No affected samples. Analyzed with trip blank and field blank only.
	Acetone	6		
	2-Butanone	4		

1/10/90
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TABLE

LABORATORY REPORTED DATA
HSL VOLATILE ORGANIC ANALYSIS
Groundwater RESULTS (ppb)

PROJECT NAME: Mottolo RI/FS
PROJECT NUMBER: 6185/831
PAGE 1 of 5

		M01	M02S	M02DR	M03SR	M03DR	M04S	M04D	M05S	M05DR	MW7D	MW8D
Sample Number		201	202	203	204	205	206	207	208	209	211	213
Compound												
Chloromethane												
Bromomethane												
Vinyl Chloride				3J	69	82				7J		
Chloroethane												
Methylene Chloride		1JB		1JB	1JB							
Acetone		6JB			5JB		5JB	2JB	2JB	6JB	13B	
Carbon Disulfide												
1,1-Dichloroethene												
1,1-Dichloroethane			50	41	400	14	14			4J		
trans-1,2-Dichloroethene (total)			17	18	51	200			4J	37		110
Chloroform												
1,2-Dichloroethane												
2-Butanone			4JB	3JB		7JB	3JB			3JB	3JB	22JB
1,1,1-Trichloroethane					26							
Carbon Tetrachloride												
Vinyl Acetate												
Bromodichloromethane												
1,1,2,2-Tetrachloroethane												
1,2-Dichloropropane												
trans-1,3-Dichloropropene												
Trichloroethene			2J	3J	32	76				11		740
Dibromochloromethane												
1,1,2-Trichloroethane												
Benzene												
Cis-1,3-Dichloropropene												
2-Chloroethylvinyl ether												
Bromoform												
2-Hexanone												
4-Methyl-2-Pentanone						7J						
Tetrachloroethene												
Toluene			1J		150	2J						
Chlorobenzene												
Ethylbenzene			34	31	100	24						
Styrene												
Total Xylenes			17	13	190	8J						
Tetrahydrofuran			130	120	220	210	7J	8J		50	6J	230
BTQ 1/10/90 # TICs			BTQ 1/10/90									
Concentration/Dilution Factor		1	1	1	1	2	1	1	1	1	1	5
Date of Sampling		12-12-89	12-12-89	12-12-89	12-12-89	12-14-89	12-13-89	12-13-89	12-12-89	12-12-89	12-12-89	12-12-89
Date of Sample Receipt		12-15-89	12-15-89	12-15-89	12-15-89	12-15-89	12-15-89	12-15-89	12-15-89	12-15-89	12-15-89	12-15-89
Date of Analysis		12-16-89	12-16-89	12-16-89	12-16-89	12-16-89	12-16-89	12-16-89	12-16-89	12-16-89	12-16-89	12-17-89
Instrument Identification		—	—	—	—	—	—	—	—	—	—	—
# TICs		0	2	2	4	2	0	0	0	0	0	0

NOTES: "Blank Space" -Indicates compound was not detected.

1/10/90
BTR

TABLE II

LABORATORY REPORTED DATA
HSL VOLATILE ORGANIC ANALYSIS
Ground water RESULTS (ppb)

PROJECT NAME: Mottolo RI/FS
PROJECT NUMBER: 6185/831
PAGE 2 of 5

Sample Number	MW8S 214	MW9D 215	MW11D 216	MW12S 217	MW12D 218	MW13S 219	MW13D 220	MW14S 221	MW14D 222	MW18D 223	MW20S 224
Compound											
Chloromethane											
Bromomethane											
Vinyl Chloride											
Chloroethane											
Methylene Chloride					1JB			1JB	1JB		
Acetone	4JB		9JB	7JB	3JB		2JB	3JB	4JB		
Carbon Disulfide											
1,1-Dichloroethene											
1,1-Dichloroethane											
trans-1,2-Dichloroethene (total)					11						
Chloroform											
1,2-Dichloroethane											
2-Butanone		4JB	3JB	4JB		3JB					15 BTR 1/10/90
1,1,1-Trichloroethane											
Carbon Tetrachloride											
Vinyl Acetate											
Bromodichloromethane											
1,1,2,2-Tetrachloroethane											
1,2-Dichloropropane											
trans-1,3-Dichloropropene											
Trichloroethene	76				2J						
Dibromochloromethane											
1,1,2-Trichloroethane											
Benzene											
Cis-1,3-Dichloropropene											
2-Chloroethylvinyl ether											
Bromoform											
2-Hexanone											
4-Methyl-2-Pentanone					2J						
Tetrachloroethene											
Toluene											
Chlorobenzene											
Ethylbenzene											
Styrene											
Total Xylenes											
Tetrahydrofuran					16						
Concentration/Dilution Factor	1	1	1	1	1	1	1	1	1	1	1
Date of Sampling	12-12-89	12-12-89	12-12-89	12-12-89	12-12-89	12-12-89	12-13-89	12-13-89	12-13-89	12-12-89	12-13-89
Date of Sample Receipt	12-15-89	12-15-89	12-15-89	12-15-89	12-15-89	12-15-89	12-15-89	12-15-89	12-15-89	12-15-89	12-15-89
Date of Analysis	12-17-89	12-16-89	12-17-89	12-17-89	12-17-89	12-17-89	12-17-89	12-17-89	12-17-89	12-19-89	12-19-89
Instrument Identification	—	—	—	—	—	—	—	—	—	—	—
# TICs	0	0	0	0	1	0	0	0	0	0	0

NOTES: "Blank Space" -Indicates compound was not detected.

1/8/90
BTR

TABLE II
LABORATORY REPORTED DATA
HSL VOLATILE ORGANIC ANALYSIS
Ground Water RESULTS (ppb)

PROJECT NAME: Mottolo RI/FS
PROJECT NUMBER: 6185/831

Sample Number		MW20D 225	MW21S 226	MW21D 227	OW2SR 228	OW2DR 229	OW3R 230	OW4SR 231	DUP 233	OW4DR 232		
Compound												
Chloromethane												
Bromomethane												
Vinyl Chloride					360	330		2 J				
Chloroethane												
Methylene Chloride				2 J B					43 J B			
Acetone				66			28	30	210 B	70		
Carbon Disulfide												
1,1-Dichloroethene												
1,1-Dichloroethane					280	120		390	380	32		
trans-1,2-Dichloroethene (total)				7 J	4200	1200		2 J		6		
Chloroform												
1,2-Dichloroethane												
2-Butanone			3 J				1 J	9 J	47 J B	17		
1,1,1-Trichloroethane					200			16				
Carbon Tetrachloride												
Vinyl Acetate												
Bromodichloromethane												
1,1,2,2-Tetrachloroethane												
1,2-Dichloropropane												
trans-1,3-Dichloropropene												
Trichloroethene				220		120						
Dibromochloromethane												
1,1,2-Trichloroethane												
Benzene												
Cis-1,3-Dichloropropene												
2-Chloroethylvinyl ether												
Bromoform												
2-Hexanone												
4-Methyl-2-Pentanone								78	24 J			
Tetrachloroethene												
Toluene					3500			7	12 J	210		
Chlorobenzene												
Ethylbenzene					1100			60	73	49		
Styrene												
Total Xylenes					2900			120	120	110		
Tetrahydrofuran						1600	16	12		140		
Concentration/Dilution Factor		1	1	2	25	10	BTR 1	1	10	1		
Date of Sampling		12-12-89	12-13-89	12-12-89	12-12-89	12-12-89	12-12-89	12-12-89	12-12-89	12-12-89		
Date of Sample Receipt		12-15-89	12-15-89	12-15-89	12-15-89	12-15-89	12-15-89	12-15-89	12-15-89	12-15-89		
Date of Analysis		12-19-89	12-19-89	12-19-89	12-19-89	12-19-89	12-19-89	12-19-89	12-20-89	12-19-89		
Instrument Identification		—	—	—	—	—	—	—	—	—		
# TICs	BTR 1/19/90	0	1	0	8	0	0	3	2	5		

NOTES: "Blank Space" -indicates compound was not detected.

1/19
BTQ

TABLE II
LABORATORY REPORTED DATA
HSL VOLATILE ORGANIC ANALYSIS
Surface Water RESULTS (ppb)

PROJECT NAME: Mottolo RI/FS
PROJECT NUMBER: 6185/831
PAGE 4 of 5

Sample Number	S1 201	S2 202	S3 203	DUP 209	S5 205	S6 206	S10 208
Compound							
Chloromethane							
Bromomethane							
Vinyl Chloride							
Chloroethane							
Methylene Chloride	2JB	2JB	2JB	1JB			
Acetone	9JB	9JB	7JB	7JB	3JB	6JB	4JB
Carbon Disulfide							
1,1-Dichloroethene							
1,1-Dichloroethane			3J	3J	2J		
trans-1,2-Dichloroethene (total)							
Chloroform							
1,2-Dichloroethane							
2-Butanone	2JB	2JB	3JB	3JB	3JB	3JB	3JB
1,1,1-Trichloroethane							
Carbon Tetrachloride							
Vinyl Acetate							
Bromodichloromethane							
1,1,2,2-Tetrachloroethane							
1,2-Dichloropropane							
trans-1,3-Dichloropropene							
Trichloroethene							
Dibromochloromethane							
1,1,2-Trichloroethane							
Benzene							
Cis-1,3-Dichloropropene							
2-Chloroethylvinyl ether							
Bromoform							
2-Hexanone							
4-Methyl-2-Pentanone							
Tetrachloroethene							
Toluene							
Chlorobenzene							
Ethylbenzene			1J	1J			
Styrene							
Total Xylenes							
Tetrahydrofuran			3J	4J			
Concentration/Dilution Factor	1	1	1	1	1	1	1
Date of Sampling	12-12-89	12-12-89	12-12-89	12-12-89	12-12-89	12-12-89	12-12-89
Date of Sample Receipt	12-15-89	12-15-89	12-15-89	12-15-89	12-15-89	12-15-89	12-15-89
Date of Analysis	12-21-89	12-21-89	12-21-89	12-21-89	12-22-89	12-21-89	12-22-89
Instrument Identification	—	—	—	—	—	—	—
# TICs	0	0	0	0	0	0	0

NOTES: "Blank Space" -indicates compound was not detected.

1/10/90
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TABLE II
LABORATORY REPORTED DATA
HSL VOLATILE ORGANIC ANALYSIS
Blank RESULTS (ppb)

PROJECT NAME: Mottolo RI/FS
PROJECT NUMBER: 6185/831
PAGE 5 of 5

				LABORATORY METHOD BLANKS							
		QA	QA								
Sample Number		201	203	VBLKV9	VBLKW1	VBLKW2	VBLKW3	VBLKW7	VBLKX2	VBLKX3	VBLKX4
Compound											
Chloromethane											
Bromomethane											
Vinyl Chloride											
Chloroethane											
Methylene Chloride		2J B	2J B	4J	5	1J	1J	3J	2J	2J	1J
Acetone		7J B	6J B	4J	18	3J	5J		6J	12	5J
Carbon Disulfide											
1,1-Dichloroethene											
1,1-Dichloroethane											
trans-1,2-Dichloroethene (total)											
Chloroform											
1,2-Dichloroethane											
2-Butanone		4J B	4J B		4J		5J		4J	4J	4J
1,1,1-Trichloroethane											
Carbon Tetrachloride											
Vinyl Acetate											
Bromodichloromethane											
1,1,2,2-Tetrachloroethane											
1,2-Dichloropropane											
trans-1,3-Dichloropropene											
Trichloroethene											
Dibromochloromethane											
1,1,2-Trichloroethane											
Benzene											
Cis-1,3-Dichloropropene											
2-Chloroethylvinyl ether											
Bromoform											
2-Hexanone											
4-Methyl-2-Pentanone											
Tetrachloroethene											
Toluene											
Chlorobenzene											
Ethylbenzene											
Styrene											
Total Xylenes											
Tetrahydrofuran											
Concentration/Dilution Factor*		1	1	*	*	*	*	*	*	*	*
Date of Sampling		12-7-89	12-12-89								
Date of Sample Receipt		12-15-89	12-15-89								
Date of Analysis		12-20-89	12-20-89								
Instrument Identification		—	—								

NOTES: "Blank Space" -indicates compound was not detected.

* = LABORATORY INDICATED SAMPLES ASSOCIATED WITH EACH METHOD BLANK; DATE OF ANALYSIS AND OTHER SAMPLE-SPECIFIC INFORMATION NOT PROVIDED

VALIDATED DATA PHASE III GROUND WATER SAMPLING — Balsam Project 6105
HCL VOLATILE ORGANIC ANALYSES (Concentrations in PPB)

MOTTOLO RI/FS
RAYMOND, NH

Sample Location	M01		M02S		M02DR		M03SR		M03DR	
Sample Number	GW-M01-201		GW-M02S 202		GW M02DR 203		GW M03SR 204		GW M03DR 205	
Compound										
Chloromethane	-	(10U)	-	(10U)	-	(10U)	-	(10U)	-	(20U)
Bromomethane		(10U)	-	(10U)	-	(10U)	-	(10U)		(20U)
Vinyl Chloride	-	(10U)	-	(10U)	3J	(10U)	69	(10U)	82	(20U)
Chloroethane	-	(10U)		(10U)		(10U)	-	(10U)	-	(20U)
Methylene Chloride	-	(50UJ)	-	(5U)	-	(50UJ)	-	(40UJ)	-	(10U)
Acetone		(100UJ)		(10U)	-	(10U)		(70UJ)	-	(20U)
Carbon Disulfide	-	(5U)	-	(5U)	-	(5U)		(5U)	-	(10U)
1,1-Dichloroethene	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(10U)
1,1-Dichloroethane	-	(5U)	50	(5U)	41	(5U)	400	(5U)	14	(10U)
1,2-Dichloroethene (total)		(5U)	17	(5U)	18	(5U)	51	(5U)	200	(10U)
Chloroform	-	(5U)	-	(5U)		(5U)		(5U)	-	(10U)
1,2-Dichloroethane	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(10U)
2-Butanone	-	(10U)	-	(40UJ)	-	(40UJ)	-	(10U)	-	(80UJ)
1,1,1-Trichloroethane	-	(5U)	-	(5U)	-	(5U)	26	(5U)	-	(10U)
Carbon Tetrachloride	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(10U)
Vinyl Acetate	-	(10U)	-	(10U)	-	(10U)	-	(10U)		(20U)
Bromodichloromethane	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(10U)
1,2-Dichloropropane	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(10U)
cis-1,3-Dichloropropene	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(10U)
Trichloroethene		(5U)	2J	(5U)	3J	(5U)	32	(5U)	76	(10U)
Dibromochloromethane	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(10U)
1,1,2-Trichloroethane	-	(5U)		(5U)	-	(5U)	-	(5U)	-	(10U)
Benzene	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(10U)
trans-1,3-Dichloropropene	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(10U)
Bromoform	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(10U)
4-Methyl-2-Pentanone	-	(10U)	-	(10U)	-	(10U)	-	(10U)	7J	(20U)
2-Hexanone	-	(10U)	-	(10U)	-	(10U)	-	(10U)	-	(20U)
Tetrachloroethene	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(10U)
1,1,2,2-Tetrachloroethane	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(10U)
Toluene	-	(5U)	1J	(5U)	-	(5U)	150	(5U)	2J	(10U)
Chlorobenzene	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(10U)
Ethylbenzene	-	(5U)	34	(5U)	31	(5U)	100	(5U)	24	(10U)
Styrene	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(10U)
Total Xylenes	-	(5U)	17	(5U)	13	(5U)	190	(5U)	8J	(10U)
2-Chloroethyl vinyl ether	-	(10U)	-	(10U)	-	(10U)	-	(10U)	-	(20U)
Tetrahydrofuran	-	(10U)	130	(10U)	120	(10U)	220	(10U)	210	(20U)
Total Volatiles:	0		251		229		1238		623	

DATA QUALIFIERS:

- = Not detected.
J = Data approximated as a result of quality control review.
(U) = Method Detection Limit (MDL).
(UJ) = Detection limit approximated as a result of quality control review.
R = Data rejected as a result of quality control review.

MOTTOLO RI/FS
RAYMOND, NH

Sample Location	M04S		M04D		M05S		M05DR		MW7D	
Sample Number	GW-M04S-206		GW-M04D-207		GW-M05S-208		GW-M05DR-209		GW-MW7D-211	
Compound										
Chloromethane	-	(10U)	-	(10U)	-	(10U)		(10U)	-	(10U)
Bromomethane		(10U)	-	(10U)		(10U)	-	(10U)	-	(10U)
Vinyl Chloride	-	(10U)	-	(10U)	-	(10U)	7J	(10U)	-	(10U)
Chloroethane	-	(10U)	-	(10U)	-	(10U)	-	(10U)	-	(10U)
Methylene Chloride	-	(5U)	-	(5U)		(5U)	-	(5U)	-	(5U)
Acetone	-	(180UJ)	-	(70UJ)	-	(70UJ)	-	(180UJ)	-	(180UJ)
Carbon Disulfide	-	(5U)	-	(5U)	-	(5U)		(5U)	-	(5U)
1,1-Dichloroethene	-	(5U)	-	(5U)	-	(5U)		(5U)	-	(5U)
1,1-Dichloroethane	14	(5U)	-	(5U)	-	(5U)	4J	(5U)	-	(5U)
1,2-Dichloroethene (total)	-	(5U)	-	(5U)	4J	(5U)	37	(5U)	-	(5U)
Chloroform	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
1,2-Dichloroethane	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
2-Butanone	-	(40UJ)		(10U)	-	(10U)	-	(40UJ)	-	(40UJ)
1,1,1-Trichloroethane	-	(5U)	-	(5U)		(5U)	-	(5U)	-	(5U)
Carbon Tetrachloride		(5U)	-	(5U)	-	(5U)	-	(5U)		(5U)
Vinyl Acetate	-	(10U)	-	(10U)	-	(10U)	-	(10U)	-	(10U)
Bromodichloromethane		(5U)	-	(5U)	-	(5U)	-	(5U)		(5U)
1,2-Dichloropropane	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
cis-1,3-Dichloropropene	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
Trichloroethene	-	(5U)	-	(5U)	-	(5U)	11	(5U)	-	(5U)
Dibromochloromethane	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
1,1,2-Trichloroethane	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
Benzene	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
trans-1,3-Dichloropropene	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
Bromoform	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
4-Methyl-2-Pentanone	-	(10U)	-	(10U)	-	(10U)	-	(10U)	-	(10U)
2-Hexanone	-	(10U)	-	(10U)	-	(10U)	-	(10U)	-	(10U)
Tetrachloroethene	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
1,1,2,2-Tetrachloroethane	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
Toluene	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
Chlorobenzene	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
Ethylbenzene	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
Styrene	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
Total Xylenes	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
2-Chloroethyl vinyl ether	-	(10U)	-	(10U)	-	(10U)	-	(10U)	-	(10U)
Tetrahydrofuran	7J	(10U)	8J	(10U)	-	(10U)	50	(10U)	6J	(10U)
Total Volatiles:	21		8		4		109		6	

DATA QUALIFIERS:

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R = Data rejected as a result of quality control review.

HOTTOLD RI/FS
RAYMOND, NH

Sample Location	MW8D		MW8S		MW9D		MW11D		MW12S	
Sample Number	GW-MW8D-213		GW-MW8S-214		GW-MW9D-215		GW-MW11D-216		GW-MW12S-217	
Compound										
Chloromethane	-	(50U)		(10U)	-	(10U)	-	(10U)	-	(10U)
Bromomethane		(50U)	-	(10U)	-	(10U)	-	(10U)		(10U)
Vinyl Chloride		(50U)	-	(10U)	-	(10U)		(10U)		(10U)
Chloroethane		(50U)	-	(10U)	-	(10U)	-	(10U)	-	(10U)
Methylene Chloride	-	(25U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
Acetone	-	(50U)	-	(70UJ)	-	(10U)	-	(70UJ)		(70UJ)
Carbon Disulfide	-	(25U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
1,1-Dichloroethene	-	(25U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
1,1-Dichloroethane	-	(25U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
1,2-Dichloroethene (total)	110	(25U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
Chloroform	-	(25U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
1,2-Dichloroethane	-	(25U)		(5U)	-	(5U)	-	(5U)	-	(5U)
2-Butanone	-	(250UJ)	-	(10U)	-	(50UJ)	-	(50UJ)	-	(50UJ)
1,1,1-Trichloroethane	-	(25U)	-	(5U)	-	(5U)	-	(5U)		(5U)
Carbon Tetrachloride	-	(25U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
Vinyl Acetate	-	(50U)	-	(10U)	-	(10U)	-	(10U)	-	(10U)
Bromodichloromethane	-	(25U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
1,2-Dichloropropane	-	(25U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
cis-1,3-Dichloropropene	-	(25U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
Trichloroethene	790	(25U)	76	(5U)	-	(5U)	-	(5U)	-	(5U)
Dibromochloromethane	-	(25U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
1,1,2-Trichloroethane	-	(25U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
Benzene	-	(25U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
trans-1,3-Dichloropropene	-	(25U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
Bromoform	-	(25U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
4-Methyl-2-Pentanone	-	(50U)	-	(10U)	-	(10U)	-	(10U)	-	(10U)
2-Hexanone	-	(50U)	-	(10U)	-	(10U)	-	(10U)	-	(10U)
Tetrachloroethene	-	(25U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
1,1,2,2-Tetrachloroethane	-	(25U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
Toluene	-	(25U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
Chlorobenzene	-	(25U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
Ethylbenzene	-	(25U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
Styrene	-	(25U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
Total Xylenes	-	(25U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
2-Chloroethyl vinyl ether	-	(50U)	-	(10U)	-	(10U)	-	(10U)	-	(10U)
Tetrahydrofuran	230	(50U)	-	(10U)	-	(10U)	-	(10U)	-	(10U)
Total Volatiles:	1130		76		0		0		0	

DATA QUALIFIERS:

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(U) = Method Detection Limit (MDL).
(UJ) = Detection limit approximated as a result of quality control review.
R = Data rejected as a result of quality control review.

VALIDATED DATA - PHASE III GROUND WATER SAMPLING
HSL VOLATILE ORGANIC ANALYSES (Concentration in PPB)

Balsam Project 5105

NOTICED RI/FS
RAYMOND, NH

Sample Location	MW12D		MW13S		MW13D		MW14S		MW14D	
Sample Number	GW-MW12D-218		GW-MW13S-219		GW-MW13D-220		GW-MW14S-221		GW-MW14D-222	
Compound										
Chloromethane		(10U)	-	(10U)	-	(10U)		(10U)	-	(10U)
Bromomethane		(10U)		(10U)	-	(10U)		(10U)		(10U)
Vinyl Chloride	-	(10U)	-	(10U)		(10U)	-	(10U)	-	(10U)
Chloroethane		(10U)	-	(10U)	-	(10U)		(10U)	-	(10U)
Methylene Chloride		(20UJ)		(5U)	-	(5U)	-	(20UJ)	-	(20UJ)
Acetone	-	(70UJ)	-	(10U)	-	(70UJ)	-	(70UJ)	-	(70UJ)
Carbon Disulfide	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
1,1-Dichloroethene		(5U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
1,1-Dichloroethane	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
1,2-Dichloroethene (total)	11	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
Chloroform	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
1,2-Dichloroethane		(5U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
2-Butanone		(10U)	-	(50UJ)	-	(10U)		(10U)	-	(10U)
1,1,1-Trichloroethane	-	(5U)		(5U)	-	(5U)	-	(5U)	-	(5U)
Carbon Tetrachloride	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
Vinyl Acetate		(10U)		(10U)	-	(10U)		(10U)	-	(10U)
Bromodichloromethane	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
1,2-Dichloropropane	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
cis-1,3-Dichloropropene	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
Trichloroethene	2J	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
Dibromochloromethane	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
1,1,2-Trichloroethane	-	(5U)		(5U)	-	(5U)	-	(5U)	-	(5U)
Benzene	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
trans-1,3-Dichloropropene	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
Bromoform	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
4-Methyl-2-Pentanone	2J	(10U)		(10U)		(10U)		(10U)	-	(10U)
2-Hexanone	-	(10U)	-	(10U)	-	(10U)	-	(10U)	-	(10U)
Tetrachloroethene	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
1,1,2,2-Tetrachloroethane	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
Toluene	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
Chlorobenzene	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
Ethylbenzene	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
Styrene	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
Total Xylenes	-	(5U)	-	(5U)	-	(5U)	-	(5U)	-	(5U)
2-Chloroethyl vinyl ether	-	(10U)	-	(10U)	-	(10U)	-	(10U)	-	(10U)
Tetrahydrofuran	16	(10U)	-	(10U)	-	(10U)	-	(10U)	-	(10U)
Total Volatiles:	31		0		0		0		0	

DATA QUALIFIERS:

- = Not detected.
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(U) = Method Detection Limit (MDL).
(UJ) = Detection limit approximated as a result of quality control review.
R = Data rejected as a result of quality control review.

MOTTOLO RI/FS
RAYMOND, NH

Sample Location	MW18D	MW20S	MW20D	MW21S	MW21D
Sample Number	GW-MW18D 223	GW MW20S 224	GW MW20D 225	GW MW21S 226	GW MW21D 227
Compound					
Chloromethane	- (10U)	(10U)	(10U)	(10U)	(20U)
Bromomethane	(10U)	(10U)	(10U)	- (10U)	- (20U)
Vinyl Chloride	- (10U)	(10U)	- (10U)	- (10U)	- (20U)
Chloroethane	(10U)	- (10U)	- (10U)	- (10U)	- (20U)
Methylene Chloride	- (5U)	- (5U)	- (5U)	- (5U)	- (60UJ)
Acetone	- (10U)	- (10U)	- (10U)	(10U)	(140UJ)
Carbon Disulfide	- (5U)	- (5U)	- (5U)	- (5U)	- (10U)
1,1-Dichloroethene	- (5U)	- (5U)	- (5U)	- (5U)	- (10U)
1,1-Dichloroethane	- (5U)	- (5U)	- (5U)	- (5U)	- (10U)
1,2-Dichloroethene (total)	(5U)	- (5U)	- (5U)	- (5U)	7J (10U)
Chloroform	- (5U)	- (5U)	- (5U)	- (5U)	- (10U)
1,2-Dichloroethane	- (5U)	- (5U)	- (5U)	- (5U)	- (10U)
2-Butanone	- (10U)	- (40UJ)	- (10U)	- (40UJ)	- (20U)
1,1,1-Trichloroethane	- (5U)	- (5U)	- (5U)	- (5U)	- (10U)
Carbon Tetrachloride	(5U)	- (5U)	- (5U)	- (5U)	- (10U)
Vinyl Acetate	- (10U)	- (10U)	- (10U)	- (10U)	- (20U)
Bromodichloromethane	- (5U)	- (5U)	- (5U)	- (5U)	- (10U)
1,2-Dichloropropane	- (5U)	- (5U)	- (5U)	- (5U)	- (10U)
cis-1,3-Dichloropropene	- (5U)	- (5U)	- (5U)	- (5U)	- (10U)
Trichloroethene	- (5U)	- (5U)	- (5U)	- (5U)	220 (10U)
Dibromochloromethane	- (5U)	- (5U)	- (5U)	- (5U)	- (10U)
1,1,2-Trichloroethane	- (5U)	- (5U)	- (5U)	- (5U)	- (10U)
Benzene	- (5U)	- (5U)	- (5U)	- (5U)	(10U)
trans-1,3-Dichloropropene	- (5U)	- (5U)	- (5U)	- (5U)	(10U)
Bromoform	- (5U)	- (5U)	- (5U)	- (5U)	- (10U)
4-Methyl-2-Pentanone	- (10U)	- (10U)	- (10U)	- (10U)	- (20U)
2-Hexanone	- (10U)	- (10U)	- (10U)	- (10U)	- (20U)
Tetrachloroethene	- (5U)	- (5U)	- (5U)	- (5U)	- (10U)
1,1,2,2-Tetrachloroethane	- (5U)	- (5U)	- (5U)	- (5U)	- (10U)
Toluene	- (5U)	- (5U)	- (5U)	- (5U)	- (10U)
Chlorobenzene	- (5U)	- (5U)	- (5U)	- (5U)	- (10U)
Ethylbenzene	- (5U)	- (5U)	- (5U)	- (5U)	- (10U)
Styrene	- (5U)	- (5U)	- (5U)	- (5U)	- (10U)
Total Xylenes	- (5U)	- (5U)	- (5U)	- (5U)	- (10U)
2-Chloroethyl vinyl ether	- (10U)	- (10U)	- (10U)	- (10U)	- (20U)
Tetrahydrofuran	- (10U)	- (10U)	- (10U)	- (10U)	- (20U)
Total Volatiles:	0	1	0	3	293

DATA QUALIFIERS:

- = Not detected.
J = Data approximated as a result of quality control review.
(U) = Method Detection Limit (MDL).
(UJ) = Detection limit approximated as a result of quality control review.
R = Data rejected as a result of quality control review.

MOTTOLO RI/FS
RAYMOND, NH

Sample Location	OW2SR		OW2DR		OW3R		OW4SR		OW4SR	
Sample Number	GW-OW2SR-228		GW-OW2DR-229		GW-OW3R-230		GW-OW4SR-231		GW-DUP-233 DUPLICATE	
Compound										
Chloromethane		(250U)	-	(100U)	-	(10U)		(10U)	-	(100U)
Bromomethane	-	(250U)	-	(100U)		(10U)	-	(10U)		(100U)
Vinyl Chloride	360	(250U)	330	(100U)		(10U)	2J	(10U)		(100U)
Chloroethane	-	(250U)	-	(100U)	-	(10U)	-	(10U)	-	(100U)
Methylene Chloride	-	(125U)	-	(50U)		(5U)	-	(5U)	-	(500UJ)
Acetone	-	(250U)		(100U)	-	(70UJ)		(70UJ)	-	(1800UJ)
Carbon Disulfide	-	(125U)	-	(50U)	-	(5U)	-	(5U)	-	(50U)
1,1-Dichloroethene	-	(125U)		(50U)	-	(5U)	-	(5U)	-	(50U)
1,1-Dichloroethane	280	(125U)	120	(50U)	-	(5U)	390	(5U)	380	(50U)
1,2-Dichloroethene (total)	4700	(125U)	1200	(50U)	-	(5U)	2J	(5U)	-	(50U)
Chloroform	-	(125U)	-	(50U)	-	(5U)	-	(5U)	-	(50U)
1,2-Dichloroethane	-	(125U)	-	(50U)	-	(5U)	-	(5U)	-	(50U)
2-Butanone	-	(250U)	-	(100U)	-	(40UJ)	-	(40UJ)	-	(400UJ)
1,1,1-Trichloroethane	200	(125U)	-	(50U)	-	(5U)	16	(5U)	-	(50U)
Carbon Tetrachloride	-	(125U)	-	(50U)	-	(5U)	-	(5U)	-	(50U)
Vinyl Acetate		(250U)		(100U)		(10U)	-	(10U)	-	(100U)
Bromodichloromethane	-	(125U)	-	(50U)	-	(5U)		(5U)	-	(50U)
1,2-Dichloropropane	-	(125U)	-	(50U)	-	(5U)	-	(5U)	-	(50U)
cis-1,3-Dichloropropene	-	(125U)		(50U)	-	(5U)	-	(5U)	-	(50U)
Trichloroethene	-	(125U)	120	(50U)		(5U)	-	(5U)	-	(50U)
Dibromochloromethane	-	(125U)	-	(50U)	-	(5U)	-	(5U)	-	(50U)
1,1,2-Trichloroethane	-	(125U)	-	(50U)	-	(5U)	-	(5U)	-	(50U)
Benzene	-	(125U)	-	(50U)	-	(5U)	-	(5U)	-	(50U)
trans-1,3-Dichloropropene	-	(125U)	-	(50U)	-	(5U)	-	(5U)	-	(50U)
Bromoform	-	(125U)	-	(50U)	-	(5U)	-	(5U)	-	(50U)
4-Methyl-2-Pentanone	-	(250U)	-	(100U)	-	(10U)	18	(10U)	24J	(100U)
2-Hexanone	-	(250U)	-	(100U)	-	(10U)	-	(10U)	-	(100U)
Tetrachloroethene	-	(125U)	-	(50U)	-	(5U)	-	(5U)	-	(50U)
1,1,2,2-Tetrachloroethane	-	(125U)	-	(50U)	-	(5U)	-	(5U)	-	(50U)
Toluene	3500	(125U)	-	(50U)	-	(5U)	7	(5U)	12J	(50U)
Chlorobenzene	-	(125U)	-	(50U)	-	(5U)	-	(5U)	-	(50U)
Ethylbenzene	1100	(125U)	-	(50U)	-	(5U)	60	(5U)	73	(50U)
Styrene	-	(125U)	-	(50U)	-	(5U)	-	(5U)	-	(50U)
Total Xylenes	2900	(125U)	-	(50U)	-	(5U)	120	(5U)	120	(50U)
Tetrahydrofuran	-	(250U)	1600	(100U)	16	(10U)	12	(10U)	-	(100U)
2-Chloroethyl vinyl ether	-	(250U)	-	(100U)	-	(10U)	-	(10U)	-	(100U)
Total Volatiles:	13040		3370		45		666		609	

DATA QUALIFIERS:

- = Not detected.
J = Data approximated as a result of quality control review.
(U) = Method Detection Limit (MDL).
(UJ) = Detection limit approximated as a result of quality control review.
R = Data rejected as a result of quality control review.

MOTTOLO RI/FS
RAYMOND, NH

Sample Location	OW4D2
Sample Number	GW-OW4D2-222

Compound		
Chloromethane		(10U)
Bromomethane		(10U)
Vinyl Chloride	-	(10U)
Chloroethane	-	(10U)
Methylene Chloride		(5U)
Acetone	70	(70UJ)
Carbon Disulfide	-	(5U)
1,1 Dichloroethene	-	(5U)
1,1-Dichloroethane	32	(5U)
1,2-Dichloroethene (total)	6	(5U)
Chloroform	-	(5U)
1,2-Dichloroethane	-	(5U)
2-Butanone		(40UJ)
1,1,1-Trichloroethane	-	(5U)
Carbon Tetrachloride	-	(5U)
Vinyl Acetate	-	(10U)
Bromodichloromethane	-	(5U)
1,2 Dichloropropane	-	(5U)
cis 1,3-Dichloropropene	-	(5U)
Trichloroethene	-	(5U)
Dibromochloromethane		(5U)
1,1,2-Trichloroethane	-	(5U)
Benzene	-	(5U)
trans-1,3-Dichloropropene	-	(5U)
Bromoform	-	(5U)
4-Methyl-2-Pentanone	-	(10U)
2-Hexanone	-	(10U)
Tetrachloroethene	-	(5U)
1,1,2,2-Tetrachloroethane	-	(5U)
Toluene	210	(5U)
Chlorobenzene	-	(5U)
Ethylbenzene	49	(5U)
Styrene	-	(5U)
Total Xylenes	110	(5U)
2-Chloroethyl vinyl ether	-	(10U)
Tetrahydrofuran	190	(10U)
Total Volatiles:	684	

DATA QUALIFIERS:

- = Not detected.
J = Data approximated as a result of quality control review.
(U) = Method Detection Limit (MDL).
(UJ) = Detection limit approximated as a result of quality control review.
R = Data rejected as a result of quality control review.

VALIDATED DATA - PHASE III SURFACE WATER SAMPLING — Balsam Project 6105
HSL VOLATILE ORGANIC ANALYSIS (Concentrations in PPB)

HOTTOLO RI/FS
RAYMOND, NH

Sample Location	S1		S2		S3		S3	
Sample Number	SW-S1 201		SW-S2 202		SW S3 203		SW-DUP 209 DUPLICATE	
Compound								
Chloromethane		(10U)		(10U)	-	(10U)	-	(10U)
Bromomethane		(10U)	-	(10U)	-	(10U)		(10U)
Vinyl Chloride	-	(10U)	-	(10U)	-	(10U)	-	(10U)
Chloroethane	-	(10U)	-	(10U)	-	(10U)	-	(10U)
Methylene Chloride	-	(20UJ)	-	(20UJ)	-	(20UJ)	-	(20UJ)
Acetone	-	(120UJ)	-	(120UJ)	-	(120UJ)		(120UJ)
Carbon Disulfide	-	(5U)	-	(5U)	-	(5U)	-	(5U)
1,1-Dichloroethene	-	(5U)	-	(5U)	-	(5U)		(5U)
1,1-Dichloroethane	-	(5U)	-	(5U)	3J	(5U)	3J	(5U)
1,2-Dichloroethene (total)		(5U)	-	(5U)	-	(5U)	-	(5U)
Chloroform		(5U)	-	(5U)	-	(5U)	-	(5U)
1,2-Dichloroethane	-	(5U)	-	(5U)	-	(5U)	-	(5U)
2-Butanone	-	(40UJ)	-	(40UJ)	-	(40UJ)	-	(40UJ)
1,1,1-Trichloroethane	-	(5U)	-	(5U)	-	(5U)	-	(5U)
Carbon Tetrachloride	-	(5U)	-	(5U)	-	(5U)	-	(5U)
Vinyl Acetate	-	(10U)	-	(10U)	-	(10U)	-	(10U)
Bromodichloromethane	-	(5U)	-	(5U)	-	(5U)	-	(5U)
1,2-Dichloropropane	-	(5U)	-	(5U)	-	(5U)	-	(5U)
cis-1,3-Dichloropropene	-	(5U)	-	(5U)	-	(5U)	-	(5U)
Trichloroethene		(5U)	-	(5U)	-	(5U)	-	(5U)
Dibromochloromethane	-	(5U)	-	(5U)	-	(5U)	-	(5U)
1,1,2-Trichloroethane	-	(5U)	-	(5U)	-	(5U)	-	(5U)
Benzene	-	(5U)	-	(5U)	-	(5U)	-	(5U)
trans-1,3-Dichloropropene	-	(5U)		(5U)	-	(5U)	-	(5U)
Bromoform	-	(5U)	-	(5U)	-	(5U)	-	(5U)
4-Methyl-2-Pentanone	-	(10U)	-	(10U)	-	(10U)	-	(10U)
2-Hexanone	-	(10U)	-	(10U)	-	(10U)	-	(10U)
Tetrachloroethene	-	(5U)	-	(5U)	-	(5U)	-	(5U)
1,1,2,2-Tetrachloroethane	-	(5U)	-	(5U)	-	(5U)	-	(5U)
Toluene	-	(5U)	-	(5U)	-	(5U)	-	(5U)
Chlorobenzene	-	(5U)	-	(5U)	-	(5U)	-	(5U)
Ethylbenzene	-	(5U)	-	(5U)	1J	(5U)	1J	(5U)
Styrene	-	(5U)	-	(5U)	-	(5U)	-	(5U)
Total Xylenes	-	(5U)	-	(5U)	-	(5U)	-	(5U)
2-Chloroethyl vinyl ether	-	(10U)	-	(10U)	-	(10U)	-	(10U)
Tetrahydrofuran	-	(10U)	-	(10U)	3J	(10U)	4J	(10U)
Total Volatiles:	0		0		7		8	

DATA QUALIFIERS:

- = Not detected.
J = Data approximated as a result of quality control review.
(U) = Method Detection Limit (MDL).
(UJ) = Detection limit approximated as a result of quality control review.
R = Data rejected as a result of quality control review.

VALIDATED DATA PHASE III SURFACE WATER SAMPLING
HSL VOLATILE ORGANIC ANALYSES (Concentrations in PPB)

Balsam Project 6105

MOTTOLO RI/FS
RAYMOND, NH

Sample Location	S5		S6		S10	
Sample Number	SW-S5-205		SW-S6-206		SW-S10-208	
Compound						
Chloromethane	-	(10U)		(10U)	-	(10U)
Bromomethane		(10U)	-	(10U)	-	(10U)
Vinyl Chloride		(10U)	-	(10U)	-	(10U)
Chloroethane	-	(10U)	-	(10U)	-	(10U)
Methylene Chloride	-	(5U)	-	(5U)	-	(5U)
Acetone	-	(70UJ)	-	(120UJ)	-	(70UJ)
Carbon Disulfide	-	(5U)	-	(5U)	-	(5U)
1,1-Dichloroethene	-	(5U)	-	(5U)	-	(5U)
1,1-Dichloroethane	2J	(5U)	-	(5U)	-	(5U)
1,2-Dichloroethene (total)	-	(5U)	-	(5U)	-	(5U)
Chloroform	-	(5U)	-	(5U)	-	(5U)
1,2-Dichloroethane	-	(5U)	-	(5U)	-	(5U)
2-Butanone	-	(40UJ)	-	(40UJ)	-	(40UJ)
1,1,1-Trichloroethane	-	(5U)	-	(5U)	-	(5U)
Carbon Tetrachloride	-	(5U)		(5U)	-	(5U)
Vinyl Acetate	-	(10U)	-	(10U)		(10U)
Bromodichloromethane	-	(5U)	-	(5U)	-	(5U)
1,2-Dichloropropane	-	(5U)	-	(5U)	-	(5U)
cis-1,3-Dichloropropene	-	(5U)	-	(5U)	-	(5U)
Trichloroethene	-	(5U)	-	(5U)	-	(5U)
Dibromochloromethane	-	(5U)	-	(5U)	-	(5U)
1,1,2-Trichloroethane	-	(5U)	-	(5U)	-	(5U)
Benzene	-	(5U)	-	(5U)	-	(5U)
trans-1,3-Dichloropropene	-	(5U)	-	(5U)	-	(5U)
Bromoform	-	(5U)	-	(5U)	-	(5U)
4-Methyl-2-Pentanone	-	(10U)	-	(10U)	-	(10U)
2-Hexanone	-	(10U)	-	(10U)	-	(10U)
Tetrachloroethene	-	(5U)	-	(5U)	-	(5U)
1,1,2,2-Tetrachloroethane	-	(5U)	-	(5U)	-	(5U)
Toluene	-	(5U)	-	(5U)	-	(5U)
Chlorobenzene	-	(5U)	-	(5U)	-	(5U)
Ethylbenzene	-	(5U)	-	(5U)	-	(5U)
Styrene	-	(5U)	-	(5U)	-	(5U)
Total Xylenes	-	(5U)	-	(5U)	-	(5U)
2-Chloroethyl vinyl ether	-	(10U)	-	(10U)	-	(10U)
Tetrahydrofuran	-	(10U)	-	(10U)	-	(10U)
Total Volatiles:	2		0		0	

DATA QUALIFIERS:

- = Not detected.
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(U) = Method Detection Limit (MDL).
(UJ) = Detection limit approximated as a result of quality control review.
R = Data rejected as a result of quality control review.

BALSAM
ENVIRONMENTAL CONSULTANTS, INC
59 Stiles Road, Salem, NH 03079 (603) 893-0616

MEMORANDUM

TO: File

FROM: Brian T. Quinlan BTQ

DATE: March 15, 1990

SUBJECT: Mottolo Site - Balsam Project 6185/831
Phase III Ground Water Sampling
Data Validation - Inorganics Analyses

The data package consisted of 10 aqueous samples collected at the Mottolo Site which were analyzed by Enseco, Incorporated (Enseco) for arsenic. The analyses were performed in accordance with the U.S. Environmental Protection Agency (EPA) document, "Methods for Chemical Analysis of Water and Wastes," dated 1983. A validation review of these data was performed using the criteria established in the Mottolo Project Operations Plan (POP) and was also based, where applicable, on the EPA document, "Laboratory Data Validation, Functional Guidelines for Evaluating Inorganic Analyses," dated July 1988 and subsequently referred to as "guidelines" in this memorandum. The parameters evaluated in review of this data package included:

- integrity and completeness of the data package;
- holding times;
- blank samples;
- laboratory control sample;
- duplicate sample analyses; and
- field duplicate samples.

INTEGRITY AND COMPLETENESS OF THE DATA PACKAGE

In accordance with the Mottolo POP, analyses were performed using EPA Method 206.2. The arsenic analytical data package prepared by Enseco included sample results and quality control information in the form of duplicate control sample results and laboratory method blank results. The transmittal letter for the data package indicated no difficulties in sample analysis. The quality control review was based upon information provided in the data package.

HOLDING TIMES

Holding times were assessed in terms of the EPA analytical method requirements and the Mottolo POP criteria. The maximum acceptable holding time specified in the POP from sample collection to analysis was six months for an arsenic analysis. All sample analyses were performed within five to seven days of sample collection and were, therefore, well within the six-month holding time limits.

BLANK SAMPLES

Laboratory method blank sample data were reviewed to assess the existence and magnitude of possible laboratory contamination problems. The field blank sample data, QA-203, were reviewed to assess whether contaminants were introduced during field sampling. The guidelines indicate that sample detection limits should be adjusted when contaminants are detected in any associated blank sample.

Arsenic was not detected in the laboratory method blank sample or in the field blank sample, QA-203. On this basis, data qualification actions with respect to blank analyses were not necessary.

LABORATORY CONTROL SAMPLE

In accordance with the guidelines, analyses performed on laboratory control samples (LCSs), referred to as duplicate control samples (DCSs) by Enseco, were reviewed to provide an indication of the laboratory's performance of routine analytical methods. The guidelines specify that the LCS percent recovery (%R) fall within the specified control limits of 80 to 120 percent. Laboratory calculation of %R should be verified from raw data.

The %R value for the LCS was 105 percent and was, therefore, within specified control limits. The %R value as recalculated for the LCS sample and the reported recovery was confirmed. Data qualifications actions relative to the LCS parameter were not necessary.

DUPLICATE SAMPLE ANALYSIS

The laboratory duplicate sample analysis result was reviewed to provide an indication of laboratory precision. The guidelines establish control limits of +/- 20 percent for the Relative Percent Difference (RPD) for sample concentrations greater than five times the contract required detection limit (CRDL). Control limits for sample concentrations less than five times the CRDL are +/- the CRDL. The guidelines indicate that a check of RPD calculations should be performed.

Laboratory duplicate sample comparative results for the arsenic analysis were acceptable with a RPD value of 2.6 percent. The RPD value was recalculated from reported data and the reported result was confirmed. Data qualification actions based on the laboratory duplicate sample were not necessary.

FIELD DUPLICATE SAMPLE

A field duplicate sample was submitted and analyzed as a means of evaluating field and laboratory precision. Duplicate results were assessed in terms of general comparability, although specific review criterion are not established and actions are not specified in the guidelines. The RPD criteria used for assessing inorganic laboratory duplicate sample analyses were also used to compare data for the set of field duplicates analyzed.

The RPD value for field duplicate samples GW-OW4SR-231/GW-DUP-233 was calculated as 14.3 percent, which is within the acceptable RPD control limits of +/- 20 percent for inorganic substances.

SUMMARY

Sample holding times, laboratory blank sample analyses, laboratory control sample analyses and duplicate sample analyses were considered acceptable based on established criteria and control limits set forth in the validation guidelines and in the Mottolo POP. As a result, data qualification actions were not necessary. Laboratory reported data and validated data are provided in Tables 1 and 2, respectively.

In general, data in these packages were found to meet the Data Quality Objectives (DQOs) set forth in the Mottolo POP and the Scoping of Response Actions Phase I report. In these references, specific data quality requirements for the Mottolo site were outlined. Review for consistency with DQOs focused on the following areas; contaminants of concern, analytical methods, detection limits, data precision, accuracy and completeness. It should be noted that the DQO criteria presented in the Scoping of Response Actions Phase I report were for volatile organic compounds. Similar criteria were used to assess arsenic data.

The contaminant of concern in this data package was arsenic. The analyses were performed by Enseco using the EPA method presented in the Mottolo POP, in accordance with the DQOs.

According to the DQOs, the analytical detection limits utilized should be less than or equivalent to the CRDLs defined in the POP. A review of method detection limits indicated that the detection limits for seven of the ten samples were greater than the CRDL. However, it was determined that these detection limits were appropriately raised in response to sample dilution in samples where arsenic was detected in relatively high concentrations.

Data precision and accuracy of samples in the data package were addressed during the validation review process. Laboratory accuracy was assessed in terms of spike recovery performance for the laboratory control sample. The spike recovery was found to be acceptable and within specified control limits. Laboratory precision was addressed in terms of comparability of laboratory duplicate sample analyses. These values were within the range of laboratory values presented in the analytical method for arsenic, EPA Method 206.2.

The objective for data completeness stated in the Scoping of Response Actions Phase I report was to obtain a minimum of 85 percent valid data. This objective was achieved in this data packages as 100 percent of the data were judged to be valid.

lg/3228

TABLE I Laboratory Reported Results

HSL INORGANIC ANALYSIS
ARSENIC RESULTS (ppb)

PROJECT NAME: Mattolo RI/FS
PROJECT NUMBER: 6185/831
PAGE 1 of 2

Sample Number		MO2S 202	MO2DR 203	MO3SR 204	MO3DR 205	MW8S 214	OW2SR 228	OW2DR 229	OW4SR 231	DUP 233	QA 203
Inorganics											
Aluminum	P										
Antimony	P										
Arsenic	F	190	80	540	51	—	360	140	130	150	—
Barium	P										
Beryllium	P										
Cadmium	P										
Calcium	P										
Chromium	P										
Cobalt	P										
Copper	P										
Iron	P										
Lead	F										
Magnesium	P										
Manganese	P										
Mercury	CV										
Nickel	P										
Potassium	P										
Selenium	F										
Silver	P										
Sodium	P										
Thallium	F										
Vanadium	P										
Zinc	P										
Other: Cyanide											

LABORATORY QUALIFIERS:

— = Not detected

TABLE I Laboratory Reported Results

HSL INORGANIC ANALYSIS

Method Blank RESULTS (ppb)

PROJECT NAME: Mattolo RI/FS

PROJECT NUMBER: 6185/831

PAGE 2 of 2

Sample Number		AS-FAA-AT									
Inorganics											
Aluminum	P										
Antimony	P										
Arsenic	F	—									
Barium	P										
Beryllium	P										
Cadmium	P										
Calcium	P										
Chromium	P										
Cobalt	P										
Copper	P										
Iron	P										
Lead	F										
Magnesium	P										
Manganese	P										
Mercury	CV										
Nickel	P										
Potassium	P										
Selenium	F										
Silver	P										
Sodium	P										
Thallium	F										
Vanadium	P										
Zinc	P										
Other: Cyanide											

LABORATORY QUALIFIERS:

— = Not detected

TABLE II

VALIDATED DATA PHASE III GROUND WATER SAMPLING — Balsam Project 6185
HSL INORGANIC ANALYSES (Concentrations in PPB)

MOTTOLO RI/FS
RAYMOND, NH

Sample Location	MO2S	MO2DR	MO3SR	MO3DR	MW8S
Sample Number	GW-MO2S-202	GW-MO2DR-203	GW-MO3SR-204	GW-MO3DR 205	GW-MW8S-214
Inorganic					
Arsenic	190 (20U)	80 (20U)	540 (50U)	51 (5U)	- (5U)

Sample Location	OW2SR	OW2DR	OW4SR	OW4SR
Sample Number	GW-OW2SR-228	GW-OW2DR-229	GW-OW4SR-231	GW-DUP-233
Inorganic				
Arsenic	360 (50U)	140 (20U)	130 (20U)	150 (20U)

DATA QUALIFIERS:

- = Not detected.
J = Data approximated as a result of quality control review.
(U) = Method detection limit.
(UJ) = Detection limit approximated as a result of quality control review.
R = Data rejected as a result of quality control review.

NOTE: Samples were filtered in the field using a 0.45 micron filter.

MEMORANDUM

TO: File

FROM: Stefan C. Sokol SSokol

DATE: June 10, 1990

SUBJECT: Mottolo Site - Balsam Project 6185/831
Supplemental Ground Water Sampling
Data Validation - Volatile Organic Compound Analyses

The data package under evaluation consisted of 2 aqueous samples and 2 aqueous blank samples analyzed for the Hazardous Substance List (HSL) volatile organic compounds (VOCs) and tetrahydrofuran (THF). Samples were analyzed and results were presented by Aquatec, Inc. (Aquatec) as a commercial data package with Level III deliverables, with the analyses being performed in general accordance with the U.S. Environmental Protection Agency (EPA) Contract Laboratory Program (CLP) Statement of Work (SOW) for Organic Analyses. A validation review of the data was performed, where applicable, using criteria established in the Mottolo Project Operations Plan (POP) and the EPA document "Laboratory Data Validation, Functional Guidelines for Evaluating Organic Analyses", dated February 1988 and hereafter referred to as guidelines in this memorandum. The parameters evaluated in this review of the data package included:

- integrity and completeness of the data package;
- holding times;
- blank samples;
- surrogate recoveries; and
- tentatively identified compounds.

INTEGRITY AND COMPLETENESS OF THE DATA PACKAGE

The data package under review consisted of Level III deliverables which include sample results, laboratory method blank data, surrogate recoveries, and tentatively identified compounds (TICs). Review of the data package indicated that sufficient data were present to conduct the data evaluation.

HOLDING TIMES

Holding times were assessed in terms of the SOW and the Mottolo POP criteria. The maximum allowable holding time for VOCs from sample receipt at the laboratory to sample analysis was established as 10 days in the SOW. The holding time from sample collection to analysis for VOCs was established as 14 days in the POP. Review of the sample collection dates and analysis dates indicated that neither of these holding time limits were exceeded.

BLANK SAMPLES

Actions are generally taken to qualify data in environmental samples when contaminants are detected in associated trip blank, field blank, or laboratory blank samples. Blank samples in this data package were evaluated in this context. Sample detection limits should be raised to 10 times the highest concentration encountered in associated blanks for common laboratory contaminants listed in the guidelines. Compounds detected in affected samples at concentrations less than these action levels or adjusted detection limits should be reported as not detected and the adjusted detection limits qualified as approximate (UJ). Results for compounds detected in affected samples at concentrations above the action levels should be reported with no qualifications.

Methylene chloride, acetone, and 2-butanone were reported as present in the laboratory method blank (ERWB002HZV) at concentrations of 3 parts per billion (ppb), 2 ppb, and 5 ppb, respectively. Methylene chloride and 2-butanone were also reported in analytical data for the trip blank sample (QA-301) and the field blank sample (QA-302), but at lower concentrations than reported in the laboratory method blank. As a result, contaminant concentrations reported in the laboratory method blank were used to determine data qualification actions for the two ground water samples because they were the highest levels reported in blank sample data.

Based upon action levels presented in Table 1, the concentrations originally reported by the laboratory for methylene chloride and 2-butanone in samples GW-MW8D-301 and GW-MW21D-302 were reported in the validated data as not detected. The detection limits were adjusted to, and reported in the validated data, as 30 UJ for methylene chloride in the sample data for GW-MW8D-301 and 50 UJ for 2-butanone in the data for samples GW-MW8D-301 and GW-MW21D-302.

SURROGATE SPIKE RECOVERIES

Surrogate spike recoveries were evaluated in accordance with the validation guidelines, which require that recoveries fall within limits specified in the SOW. Surrogate recoveries for samples analyzed and presented in this package were reviewed and found to be within the SOW criteria.

TENTATIVELY IDENTIFIED COMPOUNDS

TICs were not reported as present in the VOC analyses of GW-MW8D-301 and GW-MW21D-302.

SUMMARY

Data qualification actions were taken with respect to analytical data reported for both ground water samples as a result of blank contamination. Detection limits were adjusted for methylene chloride in one sample and 2-butanone in both ground water samples, and the original results were reported as not detected. A summary of laboratory reported results and validated data are provided in Tables 2 and 3, respectively.

Data in this package were found to meet the Data Quality Objectives (DQOs) set forth in the Mottolo POP and the Scoping of Response Actions Phase I report. In these references, specific data quality requirements for the Mottolo site were outlined. The review of consistency with DQOs focused on the following areas: contaminants of concern; analytical methods; detection limits; and data precision, accuracy, and completeness.

The compounds analyzed for and reported in this data package included those defined in the SOW for CLP analyses and were consistent with the Mottolo POP with the exception of MTBE, which was deleted from the parameter list with the approval of EPA. The compounds for which results were reported included the HSL VOCs plus THF and 2-chloroethyl vinyl ether, which was analyzed by Aquatec although not included on the Mottolo target parameter list.

Method detection limits were utilized as the analytical detection limits. In accordance with the POP, the method detection limits were equivalent to the Contract Required Detection Limits (CRDLs) defined in the SOW. These detection limits were adjusted for some compounds as the result of the validation review, but the adjustments were consistent with the criteria presented in the EPA validation guidelines.

Data precision was not addressed during this validation review process since field duplicates were not collected, and were therefore not analyzed by the laboratory. Data accuracy was assessed by reviewing surrogate spike recoveries and was found to be within acceptable criteria.

The objective for data completeness stated in the scoping in the Scoping of Response Actions Phase I report was to obtain a minimum of 85 percent valid data. This objective was achieved in this data package as 100 percent of the data were judged to be valid.

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attachments

TABLE 1

BLANK CONTAMINANT ACTIONS (VOCs)

Blank Sample #	Compound	Concentration Detected (ppb)	Action Level (ppb)	Affected Samples
QA-301	Methylene Chloride	2	20	GW-MW8D-301
(trip blank)	2-Butanone	4	40	GW-MW21D-302
QA-302	Methylene Chloride	2	20	GW-MW8D-301
(field blank)	2-Butanone	4	40	GW-MW21D-302
ERWB002HZV	Methylene Chloride	3	30	GW-MW8D-301
(laboratory	Acetone	2	20	GW-MW21D-302
method blank)	2-Butanone	5	50	

TABLE 2

LABORATORY REPORTED DATA
HSL VOLATILE ORGANIC ANALYSIS
GROUND WATER RESULTS (ppb)

PROJECT NAME: Mattolo RI/FS
PROJECT NUMBER: 6185/886
PAGE 1 of 1

		LAB METHOD				MTL-GW	MTL-GW					
Sample Location		BLANK	TRIP BLANK	FIELDBLANK		MW8D	MW21D					
Sample Number						-301	-302					
Compound		ERWBC02 HZV	QA-301	QA-302								
Chloromethane												
Bromomethane												
Vinyl Chloride												
Chloroethane												
Methylene Chloride		3J	2J	2J								
Acetone		2J					43					
Carbon Disulfide												
1,1-Dichloroethene												
1,1-Dichloroethane												
~~trans~~-1,2-Dichloroethene (total)						50	8					
Chloroform												
1,2-Dichloroethane												
2-Butanone		5J	4J	4J		5J	3J					
1,1,1-Trichloroethane												
Carbon Tetrachloride												
Vinyl Acetate												
Bromodichloromethane												
1,1,2,2-Tetrachloroethane												
1,2-Dichloropropane												
trans-1,3-Dichloropropene												
Trichloroethene						220	170					
Dibromochloromethane												
1,1,2-Trichloroethane												
Benzene												
Cis-1,3-Dichloropropene												
2-Chloroethylvinyl ether												
Bromoform												
2-Hexanone												
4-Methyl-2-Pentanone												
Tetrachloroethene												
Toluene												
Chlorobenzene												
Ethylbenzene												
Styrene												
Total Xylenes												
~~Tetrahydrofuran~~						110	47					
Concentration/Dilution Factor		1	1	1		1	1					
Date of Sampling		—	3/6/90	3/9/90		3/9/90	3/9/90					
Date of Sample Receipt		—	3/10/90	3/10/90		3/10/90	3/10/90					
Date of Analysis		3/13/90	3/13/90	3/13/90		3/13/90	3/13/90					
Instrument Identification		—	—	—		—	—					
Holding Times Acceptable		—	yes	yes		yes	yes					

NOTES: "Blank Space" -indicates compound was not detected.

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TABLE 3

VALIDATED DATA - SUPPLEMENTAL GROUND WATER SAMPLING
HSL VOLATILE ORGANIC ANALYSIS (Concentrations in PPB)

MOTTOLO RI/FS
RAYMOND, NEW HAMPSHIRE

Sample Location	MW8D		MW21D	
Sample Number	GW-MW8D-301		GW-MW21D-302	
Compound				
Chloromethane	-	(10U)	-	(10U)
Bromomethane	-	(10U)	-	(10U)
Vinyl Chloride	-	(10U)	-	(10U)
Chloroethane	-	(10U)	-	(10U)
Methylene Chloride	-	(5U)	-	(30UJ)
Acetone	-	(10U)	43	(10U)
Carbon Disulfide	-	(5U)	-	(5U)
1,1-Dichloroethene	-	(5U)	-	(5U)
1,1-Dichloroethane	-	(5U)	-	(5U)
1,2-Dichloroethene (total)	50	(5U)	8	(5U)
Chloroform	-	(5U)	-	(5U)
1,2-Dichloroethane	-	(5U)	-	(5U)
2-Butanone	-	(50UJ)	-	(50UJ)
1,1,1-Trichloroethane	-	(5U)	-	(5U)
Carbon Tetrachloride	-	(5U)	-	(5U)
Vinyl Acetate	-	(10U)	-	(10U)
Bromodichloromethane	-	(5U)	-	(5U)
1,2-Dichloropropane	-	(5U)	-	(5U)
cis-1,3-Dichloropropene	-	(5U)	-	(5U)
Trichloroethene	220	(5U)	170	(5U)
Dibromochloromethane	-	(5U)	-	(5U)
1,1,2-Trichloroethane	-	(5U)	-	(5U)
Benzene	-	(5U)	-	(5U)
trans-1,3-Dichloropropene	-	(5U)	-	(5U)
Bromoform	-	(5U)	-	(5U)
4-Methyl-2-Pentanone	-	(10U)	-	(10U)
2-Hexanone	-	(10U)	-	(10U)
Tetrachloroethene	-	(5U)	-	(5U)
1,1,2,2-Tetrachloroethane	-	(5U)	-	(5U)
Toluene	-	(5U)	-	(5U)
Chlorobenzene	-	(5U)	-	(5U)
Ethylbenzene	-	(5U)	-	(5U)
Styrene	-	(5U)	-	(5U)
Total Xylenes	-	(5U)	-	(5U)
2-Chloroethyl vinyl ether	-	(10U)	-	(10U)
Tetrahydrofuran	110	(10U)	47	(10U)
Total Volatiles:	380		268	

DATA QUALIFIERS:

- = Not detected.
J = Data approximated as a result of quality control review.
(U) = Method Detection Limit (MDL).
(UJ) = Detection limit approximated as a result of quality control review.

APPENDIX C-6

PHOTOVAC GAS CHROMATOGRAPH HEADSPACE ANALYTICAL DATA
PHASE II SOIL INVESTIGATION

(4024)

APPENDIX C-6

PHOTOVAC GC HEADSPACE ANALYTICAL DATA (Concentrations in PPM)

MOTTOLO SITE RI/FS
RAYMOND, NEW HAMPSHIRE

BORING BE-5

Sample Number	SS-BE5-001	SS-BE5-002	SS-BE5-002A	SS-BE5-003	SS-BE5-004	SS-BE5-005	SS-BE5-005
Sampling Interval	0.0'-2.3'	2.5'-2.9'	2.5'-5.0'	5.0-6.8'	6.8'-8.8'	9.3'-10.7'	REPLICATE
Compound							
Acetone	ND	ND	ND	ND	ND	ND	ND
Benzene	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND
Tetrahydrofuran	ND	ND	ND	ND	ND	ND	ND
Toluene	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND
meta-Xylene	ND	0.03	ND	ND	0.06	0.02	0.03
ortho-Xylene	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND
TOTAL VOLATILES:	0	0.03	0	0	0.06	0.02	0.03
NO. OF UNKNOWNS:	0	2	1	1	0	1	2

NOTES: ND = not detected

Replicate analyses were conducted for quality control purposes by removing replicate aliquots from the original sample.

Screening analyses were conducted by Balsam Environmental Consultants, Inc. using a Photovac 10S50 Gas Chromatograph (GC).

Approximate instrument detection limits for the target compounds are presented at the end of this table.

APPENDIX C-6

PHOTOVAC GC HEADSPACE ANALYTICAL DATA (Concentrations in PPM)

MOTTOLO SITE RI/FS
RAYMOND, NEW HAMPSHIRE

BORING BE-6

Sample Number	SS-BE6-001	SS-BE6-002
Sampling Interval	0.0'-2.0'	2.3'-3.7'
Compound		
Acetone	ND	ND
Benzene	ND	ND
trans-1,2-Dichloroethene	ND	ND
Tetrahydrofuran	ND	ND
Toluene	ND	0.04
Trichloroethene	ND	ND
2-Butanone	ND	ND
4-Methyl-2-Pentanone	ND	ND
1,1,1-Trichloroethane	ND	ND
Ethylbenzene	0.06	ND
meta-Xylene	ND	ND
ortho-Xylene	ND	ND
Tetrachloroethene	ND	ND
1,1-Dichloroethene	ND	ND
TOTAL VOLATILES:	0.06	0.04
NO. OF UNKNOWNS:	1	1

NOTES: ND = not detected

Replicate analyses were conducted for quality control purposes by removing replicate aliquots from the original sample.

Screening analyses were conducted by Balsam Environmental Consultants, Inc. using a Photovac 10S50 Gas Chromatograph (GC).

Approximate instrument detection limits for the target compounds are presented at the end of this table.

APPENDIX C-6

PHOTOVAC GC HEADSPACE ANALYTICAL DATA (Concentrations in PPM)

MOTTOLO SITE RI/FS
RAYMOND, NEW HAMPSHIRE

BORING BE-7

Sample Number	SS-BE7-001	SS-BE7-002	SS-BE7-003	SS-BE7-004
Sampling Interval	0.0'-2.3'	2.3'-3.3'	4.3'-6.0'	6.0'-6.3'
Compound				
Acetone	ND	0.38	ND	0.24
Benzene	ND	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND
Tetrahydrofuran	ND	ND	ND	ND
Toluene	ND	0.11	ND	ND
Trichloroethene	ND	0.03	ND	ND
2-Butanone	ND	ND	ND	ND
4-Methyl-2-Pentanone	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	1.23	ND	ND
Ethylbenzene	ND	ND	ND	ND
meta-Xylene	ND	ND	ND	ND
ortho-Xylene	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND
TOTAL VOLATILES:	0	1.75	0	0.24
NO. OF UNKNOWNS:	4	3	0	2

NOTES: ND = not detected

Replicate analyses were conducted for quality control purposes by removing replicate aliquots from the original sample.

Screening analyses were conducted by Balsam Environmental Consultants, Inc. using a Photovac 10S50 Gas Chromatograph (GC).

Approximate instrument detection limits for the target compounds are presented at the end of this table.

APPENDIX C-6

PHOTOVAC GC HEADSPACE ANALYTICAL DATA (Concentrations in PPM)

MOTTOLO SITE RI/FS
RAYMOND, NEW HAMPSHIRE

BORING BE-8

Sample Number	SS-BE8-001	SS-BE8-002	SS-BE8-003	SS-BE8-004
Sampling Interval	0.0'-2.0'	2.0'-4.0'	4.0'-6.0'	6.1'-8.1'
Compound				
Acetone	ND	ND	ND	ND
Benzene	ND	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND
Tetrahydrofuran	ND	ND	ND	ND
Toluene	ND	ND	ND	0.05
Trichloroethene	ND	ND	ND	0.42
2-Butanone	ND	ND	ND	ND
4-Methyl-2-Pentanone	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND
meta-Xylene	ND	ND	ND	ND
ortho-Xylene	ND	ND	ND	ND
Tetrachloroethene	0.02	0.07	ND	0.03
1,1-Dichloroethene	ND	ND	ND	ND
TOTAL VOLATILES:	0.02	0.07	0	0.50
NO. OF UNKNOWNS:	2	1	2	0

NOTES: ND = not detected

Replicate analyses were conducted for quality control purposes by removing replicate aliquots from the original sample.

Screening analyses were conducted by Balsam Environmental Consultants, Inc. using a Photovac 10S50 Gas Chromatograph (GC).

Approximate instrument detection limits for the target compounds are presented at the end of this table.

APPENDIX C-6

PHOTOVAC GC HEADSPACE ANALYTICAL DATA (Concentrations in PPM)

MOTTOLO SITE RI/FS
RAYMOND, NEW HAMPSHIRE

BORING BE-8

Sample Number	SS-BE8-005	SS-BE8-006	SS-BE8-007	SS-BE8-007
Sampling Interval	8.0'-10.0'	10.0'-12.0'	12.0'-13.1'	REPLICATE
Compound				
Acetone	ND	ND	ND	ND
Benzene	ND	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND
Tetrahydrofuran	ND	ND	ND	ND
Toluene	0.58	ND	0.37	0.40
Trichloroethene	0.39	0.28	0.14	0.14
2-Butanone	ND	ND	ND	ND
4-Methyl-2-Pentanone	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND
meta-Xylene	ND	ND	ND	ND
ortho-Xylene	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND
TOTAL VOLATILES:	0.97	0.28	0.51	0.54
NO. OF UNKNOWNS:	2	1	0	2

NOTES: ND = not detected

Replicate analyses were conducted for quality control purposes by removing replicate aliquots from the original sample.

Screening analyses were conducted by Balsam Environmental Consultants, Inc. using a Photovac 10S50 Gas Chromatograph (GC).

Approximate instrument detection limits for the target compounds are presented at the end of this table.

APPENDIX C-6

PHOTOVAC GC HEADSPACE ANALYTICAL DATA (Concentrations in PPM)

MOTTOLO SITE RI/FS
RAYMOND, NEW HAMPSHIRE

BORING BE-9

Sample Number	SS-BE9-001	SS-BE9-002	SS-BE9-003	SS-BE9-003	SS-BE9-004	SS-BE9-005	SS-BE9-006
Sampling Interval	0.0'-2.0'	2.0'-4.0'	4.0'-6.0'	REPLICATE	6.0'-6.6'	7.5'-9.5'	9.5'-10.9'
Compound							
Acetone	0.09	1.10	0.05	ND	ND	0.09	0.05
Benzene	ND	0.45	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ND	6.1	ND	ND	ND	ND	ND
Tetrahydrofuran	ND	16.7	ND	ND	ND	ND	ND
Toluene	ND	635	ND	ND	ND	0.20	0.28
Trichloroethene	ND	1.87	ND	ND	ND	ND	ND
2-Butanone	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND
meta-Xylene	ND	ND	ND	ND	ND	ND	ND
ortho-Xylene	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	0.08	2.28	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND
TOTAL VOLATILES:	0.17	663.5	0.05	0	0	0.29	0.33
NO. OF UNKNOWNS:	4	7	2	2	4	1	2

NOTES: ND = not detected

Replicate analyses were conducted for quality control purposes by removing replicate aliquots from the original sample.

Screening analyses were conducted by Balsam Environmental Consultants, Inc. using a Photovac 10S50 Gas Chromatograph (GC).

Approximate instrument detection limits for the target compounds are presented at the end of this table.

APPENDIX C-6

PHOTOVAC GC HEADSPACE ANALYTICAL DATA (Concentrations in PPM)

MOTTOLO SITE RI/FS
RAYMOND, NEW HAMPSHIRE

BORING BE-10

Sample Number	SS-BE10-001	SS-BE10-002	SS-BE10-003	SS-BE10-004	SS-BE10-005	SS-BE10-006	SS-BE10-007
Sampling Interval	0.0'-2.0'	2.0'-4.0'	4.0'-6.0'	6.0'-8.3'	8.3'-10.3'	10.5'-12.5'	13.0'-13.3'
Compound							
Acetone	0.23	ND	1.71	1.1	ND	ND	ND
Benzene	ND	ND	0.74	ND	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	6.92	ND	ND	ND	ND
Tetrahydrofuran	ND	ND	ND	ND	ND	ND	ND
Toluene	ND	ND	312	0.33	ND	0.12	ND
Trichloroethene	ND	ND	1.46	ND	ND	ND	ND
2-Butanone	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	4.31	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND
meta-Xylene	ND	ND	ND	ND	ND	ND	ND
ortho-Xylene	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	ND	0.35	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND
TOTAL VOLATILES:	0.23	0	327.5	1.43	0	0.12	0
NO. OF UNKNOWNS:	3	2	7	2	2	2	4

NOTES: ND = not detected

Replicate analyses were conducted for quality control purposes by removing replicate aliquots from the original sample.

Screening analyses were conducted by Balsam Environmental Consultants, Inc. using a Photovac 10S50 Gas Chromatograph (GC).

Approximate instrument detection limits for the target compounds are presented at the end of this table.

APPENDIX C-6

PHOTOVAC GC HEADSPACE ANALYTICAL DATA (Concentrations in PPM)

MOTTOLO SITE RI/FS
RAYMOND, NEW HAMPSHIRE

BORING BE-11

Sample Number	SS-BE11-001	SS-BE11-002A	SS-BE11-003	SS-BE11-003A	SS-BE11-004	SS-BE11-005	SS-BE11-006
Sampling Interval	0.0'-2.0'	2.0'-4.0'	4.0'-6.0'	4.0'-6.0'	6.0'-8.0'	8.0'-10.0'	10.0'-12.0'
Compound							
Acetone	0.30	0.08	ND	ND	ND	0.11	ND
Benzene	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND
Tetrahydrofuran	ND	ND	ND	ND	ND	ND	ND
Toluene	ND	0.05	0.08	ND	ND	ND	ND
Trichloroethene	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND
meta-Xylene	ND	ND	ND	ND	ND	ND	ND
ortho-Xylene	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND
TOTAL VOLATILES:	0.30	0.13	0.08	0	0	0.11	0
NO. OF UNKNOWNS:	0	2	0	1	0	1	2

NOTES: ND = not detected

Replicate analyses were conducted for quality control purposes by removing replicate aliquots from the original sample.

Screening analyses were conducted by Balsam Environmental Consultants, Inc. using a Photovac 10S50 Gas Chromatograph (GC).

Approximate instrument detection limits for the target compounds are presented at the end of this table.

APPENDIX C-6

PHOTOVAC GC HEADSPACE ANALYTICAL DATA (Concentrations in PPM)

MOTTOLO SITE RI/FS
RAYMOND, NEW HAMPSHIRE

BORING BE-12

Sample Number	SS-BE12-001	SS-BE12-002	SS-BE12-003	SS-BE12-004	SS-BE12-005	SS-BE12-005	SS-BE12-006
Sampling Interval	0.0'-1.9'	2.0'-4.0'	4.0'-6.0'	6.0'-8.0'	8.5'-10.5'	REPLICATE	10.5'-12.3'
Compound							
Acetone	ND	ND	ND	ND	0.09	ND	0.12
Benzene	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.75	ND	ND	ND	ND	ND	ND
Tetrahydrofuran	ND	ND	ND	ND	ND	ND	ND
Toluene	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND
meta-Xylene	ND	ND	ND	ND	ND	ND	ND
ortho-Xylene	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND
TOTAL VOLATILES:	0.75	0	0	0	0.09	0	0.12
NO. OF UNKNOWNS:	2	1	1	1	1	0	0

NOTES: ND = not detected

Replicate analyses were conducted for quality control purposes by removing replicate aliquots from the original sample.

Screening analyses were conducted by Balsam Environmental Consultants, Inc. using a Photovac 10S50 Gas Chromatograph (GC).

Approximate instrument detection limits for the target compounds are presented at the end of this table.

APPENDIX C-6

PHOTOVAC GC HEADSPACE ANALYTICAL DATA (Concentrations in PPM)

MOTTOLO SITE RI/FS
RAYMOND, NEW HAMPSHIRE

BORING BE-13

Sample Number	SS-BE13-001	SS-BE13-002	SS-BE13-003	SS-BE13-004	SS-BE13-005	SS-BE13-006	SS-BE13-007
Sampling Interval	0.0'-2.0'	2.0'-4.0'	4.0'-6.5'	6.5'-7.5'	8.5'-10.5'	10.5'-12.2'	12.3'-13.5'
Compound							
Acetone	ND	0.09	ND	0.13	0.22	0.74	0.89
Benzene	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND
Tetrahydrofuran	ND	ND	ND	ND	ND	ND	ND
Toluene	ND	ND	ND	0.10	0.22	0.35	0.4
Trichloroethene	0.09	ND	0.03	ND	ND	ND	0.04
2-Butanone	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	ND	ND	ND	ND	ND	ND	0.52
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND
meta-Xylene	ND	ND	ND	ND	ND	ND	ND
ortho-Xylene	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND
TOTAL VOLATILES:	0.09	0.09	0.03	0.23	0.44	1.09	1.85
NO. OF UNKNOWNS:	0	1	1	1	0	1	1

NOTES: ND = not detected

Replicate analyses were conducted for quality control purposes by removing replicate aliquots from the original sample.

Screening analyses were conducted by Balsam Environmental Consultants, Inc. using a Photovac 10S50 Gas Chromatograph (GC).

Approximate instrument detection limits for the target compounds are presented at the end of this table.

APPENDIX C-6

PHOTOVAC GC HEADSPACE ANALYTICAL DATA (Concentrations in PPM)

MOTTOLO SITE RI/FS
RAYMOND, NEW HAMPSHIRE

BORING BE-14

Sample Number	SS-BE14-001	SS-BE14-002	SS-BE14-003	SS-BE14-004	SS-BE14-005	SS-BE14-006	SS-BE14-007
Sampling Interval	0.0'-2.0'	2.0'-4.0'	4.0'-4.7'	5.8'-7.6'	7.8'-9.8'	9.8'-11.8'	12.5'-14.5'
Compound							
Acetone	ND	ND	1.48	ND	0.24	1.06	0.42
Benzene	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.21	0.11	ND	ND	3.69	0.08	ND
Tetrahydrofuran	ND	ND	ND	ND	7.93	ND	ND
Toluene	0.51	0.07	7.0	0.13	54.62	7.12	0.38
Trichloroethene	ND	ND	ND	0.10	ND	ND	ND
2-Butanone	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	ND	ND	18.67	ND	ND	2.28	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND
meta-Xylene	ND	ND	ND	ND	ND	ND	ND
ortho-Xylene	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5.4	0.03	0.03	ND	0.10	0.06	ND
1,1-Dichloroethene	0.07	ND	ND	ND	ND	ND	ND
TOTAL VOLATILES:	6.19	0.21	27.18	0.23	66.58	10.6	0.8
NO. OF UNKNOWNS:	3	3	3	2	6	4	0

NOTES: ND = not detected

Replicate analyses were conducted for quality control purposes by removing replicate aliquots from the original sample.

Screening analyses were conducted by Balsam Environmental Consultants, Inc. using a Photovac 10S50 Gas Chromatograph (GC).

Approximate instrument detection limits for the target compounds are presented at the end of this table.

APPENDIX C-6

PHOTOVAC GC HEADSPACE ANALYTICAL DATA (Concentrations in PPM)

MOTTOLO SITE RI/FS
RAYMOND, NEW HAMPSHIRE

BORING BE-15

Sample Number	SS-BE15-001	SS-BE15-002	SS-BE15-003	SS-BE15-004	SS-BE15-005
Sampling Interval	0.0'-2.0'	2.0'-4.0'	4.0'-4.3'	6.0'-8.0'	8.0'-10.0'
Compound					
Acetone	0.13	ND	ND	ND	0.10
Benzene	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND
Tetrahydrofuran	ND	ND	ND	ND	ND
Toluene	ND	ND	ND	ND	0.15
Trichloroethene	ND	ND	ND	ND	ND
2-Butanone	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND	ND
meta-Xylene	ND	ND	ND	ND	ND
ortho-Xylene	ND	ND	ND	ND	ND
Tetrachloroethene	0.02	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND
TOTAL VOLATILES:	0.15	0	0	0	0.25
NO. OF UNKNOWNS:	1	1	1	3	3

NOTES: ND = not detected

Replicate analyses were conducted for quality control purposes by removing replicate aliquots from the original sample.

Screening analyses were conducted by Balsam Environmental Consultants, Inc. using a Photovac 10S50 Gas Chromatograph (GC).

Approximate instrument detection limits for the target compounds are presented at the end of this table.

APPENDIX C-6

PHOTOVAC GC HEADSPACE ANALYTICAL DATA (Concentrations in PPM)

MOTTOLO SITE RI/FS
RAYMOND, NEW HAMPSHIRE

BORING BE-16

Sample Number	SS-BE16-001	SS-BE16-002	SS-BE16-003	SS-BE16-004
Sampling Interval	0.0'-2.0'	2.0'-2.8'	3.1'-5.1'	5.0'-6.3'
Compound				
Acetone	0.08	0.11	0.27	0.10
Benzene	ND	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND
Tetrahydrofuran	ND	ND	ND	ND
Toluene	ND	ND	ND	ND
Trichloroethene	ND	ND	ND	ND
2-Butanone	ND	ND	ND	ND
4-Methyl-2-Pentanone	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND
meta-Xylene	ND	ND	ND	ND
ortho-Xylene	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND
TOTAL VOLATILES:	0.08	0.11	0.27	0.10
NO. OF UNKNOWNS:	0	0	0	0

NOTES: ND = not detected

Replicate analyses were conducted for quality control purposes by removing replicate aliquots from the original sample.

Screening analyses were conducted by Balsam Environmental Consultants, Inc. using a Photovac 10S50 Gas Chromatograph (GC).

Approximate instrument detection limits for the target compounds are presented at the end of this table.

APPENDIX C-6

PHOTOVAC GC HEADSPACE ANALYTICAL DATA (Concentrations in PPM)

MOTTOLO SITE RI/FS
RAYMOND, NEW HAMPSHIRE

BORING BE-17

Sample Number	SS-BE17-001	SS-BE17-002
Sampling Interval	0.0'-2.0'	2.0'-3.3'
Compound		
Acetone	0.48	0.11
Benzene	ND	ND
trans-1,2-Dichloroethene	ND	ND
Tetrahydrofuran	ND	ND
Toluene	ND	ND
Trichloroethene	ND	ND
2-Butanone	ND	ND
4-Methyl-2-Pentanone	ND	ND
1,1,1-Trichloroethane	ND	ND
Ethylbenzene	ND	ND
meta-Xylene	ND	ND
ortho-Xylene	ND	ND
Tetrachloroethene	ND	ND
1,1-Dichloroethene	ND	ND
TOTAL VOLATILES:	0.48	0.11
NO. OF UNKNOWNS:	1	1

NOTES: ND = not detected

Replicate analyses were conducted for quality control purposes by removing replicate aliquots from the original sample.

Screening analyses were conducted by Balsam Environmental Consultants, Inc. using a Photovac 10S50 Gas Chromatograph (GC).

Approximate instrument detection limits for the target compounds are presented at the end of this table.

APPENDIX C-6

PHOTOVAC GC HEADSPACE ANALYTICAL DATA (Concentrations in PPM)

MOTTOLO SITE RI/FS
RAYMOND, NEW HAMPSHIRE

BORING BE-18

Sample Number	SS-BE18-001	SS-BE18-002	SS-BE18-003	SS-BE18-003	SS-BE18-004
Sampling Interval	0.0'-2.0'	2.0'-2.7'	4.0'-6.0'	REPLICATE	6.0'-6.8'
Compound					
Acetone	0.23	0.91	0.44	0.13	0.14
Benzene	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND
Tetrahydrofuran	ND	ND	ND	ND	ND
Toluene	ND	ND	ND	ND	ND
Trichloroethene	ND	ND	ND	ND	ND
2-Butanone	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND	ND
meta-Xylene	ND	ND	ND	ND	ND
ortho-Xylene	ND	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND
TOTAL VOLATILES:	0.23	0.91	0.44	0.13	0.14
NO. OF UNKNOWNS:	0	1	0	0	0

NOTES: ND = not detected

Replicate analyses were conducted for quality control purposes by removing replicate aliquots from the original sample.

Screening analyses were conducted by Balsam Environmental Consultants, Inc. using a Photovac 10S50 Gas Chromatograph (GC).

Approximate instrument detection limits for the target compounds are presented at the end of this table.

APPENDIX C-6

PHOTOVAC GC HEADSPACE ANALYTICAL DATA (Concentrations in PPM)

MOTTOLO SITE RI/FS
RAYMOND, NEW HAMPSHIRE

BORING BE-19

Sample Number	SS-BE19-001	SS-BE19-002	SS-BE19-002	SS-BE19-003	SS-BE19-004
Sampling Interval	0.0'-2.0'	2.0'-4.0'	REPLICATE	4.0'-6.5'	6.5'-7.8'
Compound					
Acetone	0.35	ND	ND	ND	ND
Benzene	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND
Tetrahydrofuran	ND	ND	ND	ND	ND
Toluene	ND	ND	ND	0.06	ND
Trichloroethene	0.06	ND	ND	0.03	ND
2-Butanone	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND	ND
meta-Xylene	ND	ND	ND	ND	ND
ortho-Xylene	ND	ND	ND	ND	ND
Tetrachloroethene	0.04	0.17	0.17	0.04	0.03
1,1-Dichloroethene	ND	ND	ND	ND	ND
TOTAL VOLATILES:	0.45	0.17	0.17	0.13	0.03
NO. OF UNKNOWNS:	2	0	0	1	1

NOTES: ND = not detected

Replicate analyses were conducted for quality control purposes by removing replicate aliquots from the original sample.

Screening analyses were conducted by Balsam Environmental Consultants, Inc. using a Photovac 10S50 Gas Chromatograph (GC).

Approximate instrument detection limits for the target compounds are presented at the end of this table.

APPENDIX C-6

PHOTOVAC GC HEADSPACE ANALYTICAL DATA (Concentrations in PPM)

MOTTOLO SITE RI/FS
RAYMOND, NEW HAMPSHIRE

BORING BE-20

Sample Number	SS-BE20-001	SS-BE20-002	SS-BE20-003	SS-BE20-004
Sampling Interval	0.0'-2.0'	2.0'-4.0'	4.0'-5.3'	5.3'-6.6'
Compound				
Acetone	ND	ND	0.14	0.11
Benzene	ND	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND
Tetrahydrofuran	ND	ND	ND	ND
Toluene	ND	ND	ND	ND
Trichloroethene	ND	ND	ND	ND
2-Butanone	ND	ND	ND	ND
4-Methyl-2-Pentanone	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND
meta-Xylene	ND	ND	ND	ND
ortho-Xylene	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND
TOTAL VOLATILES:	0	0	0.14	0.11
NO. OF UNKNOWNS:	0	1	1	0

NOTES: ND = not detected

Replicate analyses were conducted for quality control purposes by removing replicate aliquots from the original sample.

Screening analyses were conducted by Balsam Environmental Consultants, Inc. using a Photovac 10S50 Gas Chromatograph (GC).

Approximate instrument detection limits for the target compounds are presented at the end of this table.

APPENDIX C-6

PHOTOVAC GC HEADSPACE ANALYTICAL DATA (Concentrations in PPM)

MOTTOLO SITE RI/FS
RAYMOND, NEW HAMPSHIRE

Sample Location	BE5	BE6	BE7	BE8
Sample Number	SS-BE5-001	SS-BE6-001	SS-BE7-001	SS-BE8-001
Sampling Interval	0.0'-0.5'	0.0'-0.5'	0.0'-0.5'	0.0'-0.5'
Compound				
Acetone	ND	ND	3.96	ND
Benzene	ND	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND
Tetrahydrofuran	ND	ND	ND	ND
Toluene	ND	0.30	ND	ND
Trichloroethene	ND	ND	0.03	0.17
2-Butanone	ND	ND	ND	ND
4-Methyl-2-Pentanone	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND
meta-Xylene	ND	ND	ND	ND
ortho-Xylene	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND
TOTAL VOLATILES:	0	0.30	3.99	0.17
NO. OF UNKNOWNS:	0	2	2	1

NOTES: *ND = not detected*

Replicate analyses were conducted for quality control purposes by removing replicate aliquots from the original sample.

Screening analyses were conducted by Balsam Environmental Consultants, Inc. using a Photvac 10S50 Gas Chromatograph (GC).

Approximate instrument detection limits for the target compounds are presented at the end of this table.

APPENDIX C-6

PHOTOVAC GC HEADSPACE ANALYTICAL DATA (Concentrations in PPM)

MOTTOLO SITE RI/FS
RAYMOND, NEW HAMPSHIRE

Sample Location	BE9	BE10	BE11	BE12
Sample Number	SS-BE9-001	SS-BE10-001	SS-BE11-001	SS-BE12-001
Sampling Interval	0.0'-0.5'	0.0'-0.5'	0.0'-0.5'	0.0'-0.5'
Compound				
Acetone	ND	0.22	0.10	ND
Benzene	ND	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND	0.80
Tetrahydrofuran	ND	ND	ND	ND
Toluene	ND	ND	ND	ND
Trichloroethene	ND	ND	ND	0.22
2-Butanone	ND	ND	ND	ND
4-Methyl-2-Pentanone	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND
meta-Xylene	ND	ND	ND	ND
ortho-Xylene	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND
TOTAL VOLATILES:	0	0.22	0.10	1.02
NO. OF UNKNOWNS:	4	3	1	1

NOTES: ND = not detected

Replicate analyses were conducted for quality control purposes by removing replicate aliquots from the original sample.

Screening analyses were conducted by Balsam Environmental Consultants, Inc. using a Photvac 10S50 Gas Chromatograph (GC).

Approximate instrument detection limits for the target compounds are presented at the end of this table.

APPENDIX C-6

PHOTOVAC GC HEADSPACE ANALYTICAL DATA (Concentrations in PPM)

MOTTOLO SITE RI/FS
RAYMOND, NEW HAMPSHIRE

Sample Location	BE13	BE14	BE15	BE16
Sample Number	SS-BE13-001	SS-BE14-001	SS-BE15-001	SS-BE16-001
Sampling Interval	0.0'-0.5'	0.0'-0.5'	0.0'-0.5'	0.0'-0.5'
Compound				
Acetone	ND	ND	0.08	0.31
Benzene	ND	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND
Tetrahydrofuran	ND	ND	ND	ND
Toluene	ND	ND	ND	ND
Trichloroethene	0.19	0.07	ND	ND
2-Butanone	ND	ND	ND	ND
4-Methyl-2-Pentanone	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND
meta-Xylene	ND	ND	ND	ND
ortho-Xylene	ND	ND	ND	ND
Tetrachloroethene	ND	0.11	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND
TOTAL VOLATILES:	0.19	0.18	0.08	0.31
NO. OF UNKNOWNS:	0	0	0	2

NOTES: ND = not detected

Replicate analyses were conducted for quality control purposes by removing replicate aliquots from the original sample.

Screening analyses were conducted by Balsam Environmental Consultants, Inc. using a Photvac 10S50 Gas Chromatograph (GC).

Approximate instrument detection limits for the target compounds are presented at the end of this table.

APPENDIX C-6

PHOTOVAC GC HEADSPACE ANALYTICAL DATA (Concentrations in PPM)

MOTTOLO SITE RI/FS
RAYMOND, NEW HAMPSHIRE

Sample Location	BE17	BE18	BE19	BE20
Sample Number	SS-BE17-001	SS-BE18-001	SS-BE19-001	SS-BE20-001
Sampling Interval	0.0'-0.5'	0.0'-0.5'	0.0'-0.5'	0.0'-0.5'
Compound				
Acetone	0.08	ND	ND	0.10
Benzene	ND	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND
Tetrahydrofuran	ND	ND	ND	ND
Toluene	ND	ND	ND	ND
Trichloroethene	ND	ND	ND	ND
2-Butanone	ND	ND	ND	ND
4-Methyl-2-Pentanone	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND
meta-Xylene	ND	ND	ND	ND
ortho-Xylene	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND
TOTAL VOLATILES:	0.08	0	0	0.10
NO. OF UNKNOWNS:	0	2	2	2

NOTES: ND = not detected

Replicate analyses were conducted for quality control purposes by removing replicate aliquots from the original sample.

Screening analyses were conducted by Balsam Environmental Consultants, Inc. using a Photvac 10S50 Gas Chromatograph (GC).

Approximate instrument detection limits for the target compounds are presented at the end of this table.

APPENDIX C-6

PHOTOVAC GC HEADSPACE ANALYTICAL DATA (Concentrations in PPM)

MOTTOLO SITE RI/FS
RAYMOND, NEW HAMPSHIRE

APPROXIMATE INSTRUMENT DETECTION LIMITS

COMPOUND	
Acetone	0.010
Benzene	0.001
trans-1,2-Dichloroethene	0.001
Tetrahydrofuran	0.020
Toluene	0.005
Trichloroethene	0.001
2-Butanone	0.010
4-Methyl-2-Pentanone	0.010
1,1,1-Trichloroethane	0.100
Ethylbenzene	0.005
meta-Xylene	0.005
ortho-Xylene	0.005
Tetrachloroethene	0.010
1,1-Dichloroethene	0.050

NOTES: The above values represent theoretical detection limits for the compounds detected. Actual detection limits may vary due to matrix interference.

APPENDIX C-7

RESIDENTIAL WELL ANALYTICAL DATA
APRIL, SEPTEMBER, AND DECEMBER 1989

RECEIVED JUN 05 1989

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
WASTE MANAGEMENT DIVISION
6 Hazen Drive, Concord, NH 03301-6509
603-271-2900

ALDEN H. HOWARD, P.E.
COMMISSIONER

JOHN A. MINICHIELLO
DIRECTOR

MICHAEL A. SILLS, Ph.D., P.E.
CHIEF ENGINEER

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PHILIP MACALLISTER
FREDERICK MCGARRY
JOHN OSGOOD
LORRAINE SANDER
T. TAYLOR EIGHMY, Ph.D.

May 22, 1989

Mr. Timothy Stone, CPG
Balsam Environmental Consultants, Inc.
59 Stiles Road
Salem, NH 03878

Re: Domestic Well Sampling

Dear Mr. Stone:

Please find enclosed the water quality results from the State's April sampling round. Sample #'s 121939-121949, 122011-122018 and 122087-122088. We are still recieving questionaires from the home owners and will forward them under seperate cover. If you have any questions or comments, please call me at (603)271-2908.

Sincerely,

Michael J. Robinette

Michael J. Robinette, P.G.
Supervisor, Pre-Remedial Section

MJR/jd/05790
cc: Roger Duwart, USEPA, w/o enclosures
Carl W. Baxter, P.E., DES-WMEB, w/o enclosures
John Peltonen, Esq., w/o enclosures

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 122087

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = J.N.D.

DATE SAMPLED = 04-24-89,10:00
DATE LOGGED IN = 04-24-89,13:20
DATE COMPLETED = 05-11-89

OWNERS NAME = OUDEKERK
ADDRESS = 1 HUCKLEBERRY RD.
CITY OR TOWN = RAYMOND

MATRIX = WATER
WATER

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	05-11-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	05-11-89	5.00
Methane, tribromo-	ppb	Below Det.	05-11-89	5.00
Methane, trichloro-	ppb	Below Det.	05-11-89	.50
Methane, tetrachloro-	ppb	Below Det.	05-11-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	05-11-89	5.00
Ethane, chloro-	ppb	Below Det.	05-11-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	05-11-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	05-11-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	05-11-89	.40
Ethane, 1,1,2trichloro	ppb	Below Det.	05-11-89	5.00
Ethane, tetrachloro(1122)	ppb	Below Det.	05-11-89	5.00
Ethylene, 1,1 dichloro	ppb	Below Det.	05-11-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	05-11-89	.70
Ethylene, trichloro	ppb	Below Det.	05-11-89	.60
Ethylene, tetrachloro	ppb	Below Det.	05-11-89	1.20
Propane, 1,2 dichloro	ppb	Below Det.	05-11-89	5.00
Propane, 1,3 dichloro	ppb	Below Det.	05-11-89	5.00
Ethylene, chloro	ppb	Below Det.	05-11-89	5.00
Cyclohexane	ppb	Below Det.	05-11-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	05-11-89	1.70
Benzene	ppb	Below Det.	05-11-89	.50
Benzene, ethyl	ppb	Below Det.	05-11-89	1.10
Toluene	ppb	Below Det.	05-11-89	1.70
Xylene meta isomer	ppb	Below Det.	05-11-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	05-11-89	1.20
Styrene	ppb	Below Det.	05-11-89	.90

[illegible] NUMBER 122087 CONTINUED

[illegible]

[illegible], chloro	ppb	Below Det.	05-11-89	1.00
[illegible](s), dichloro	ppb	Below Det.	05-11-89	9.60
[illegible]	ppb	Below Det.	05-11-89	50.70
Tetrahydrofuran	ppb	Below Det.	05-11-89	36.30
[illegible], diethyl	ppb	Below Det.	05-11-89	3.30
[illegible], methyl ethyl	ppb	Below Det.	05-11-89	27.70
[illegible], isobutyl ketone	ppb	Below Det.	05-11-89	4.36
[illegible]	ppb	Below Det.	05-11-89	66.20
[illegible], trichlorofluoro	ppb	Below Det.	05-11-89	5.00
[illegible],tri(chloro-fluoro)	ppb	Below Det.	05-11-89	1.40
[illegible], chloro fluoro	ppb	Below Det.	05-11-89	5.00
[illegible],di(chloro-fluoro)	ppb	Below Det.	05-11-89	5.00
[illegible], dichloro,trifluor	ppb	Below Det.	05-11-89	5.00
[illegible] 1,3 dimethyl t	ppb	Below Det.	05-11-89	5.00

Lab Comments

[illegible]RK

[illegible] Det.= Below Detection Limit
[illegible] greater than, < = less than
[illegible] parts per billion

05-15-89,13:51

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 122088

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = GOFFSTOWN, BEDFORD COMPUTER,SI
PROGRAM OR HW ID# = 45.07
PERSON SAMPLING = J.N.D.

DATE SAMPLED = 04-24-89,08:15
DATE LOGGED IN = 04-24-89,13:24
DATE COMPLETED = 05-03-89

OWNERS NAME = TRIP BLANK
ADDRESS =
CITY OR TOWN =

MATRIX = WATER
WATER

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	05-03-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	05-03-89	5.00
Methane, tribromo-	ppb	Below Det.	05-03-89	5.00
Methane, trichloro-	ppb	Below Det.	05-03-89	.50
Methane, tetrachloro-	ppb	Below Det.	05-03-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	05-03-89	5.00
Ethane, chloro-	ppb	Below Det.	05-03-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	05-03-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	05-03-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	05-03-89	.40
Ethane, 1,1,2trichloro	ppb	Below Det.	05-03-89	5.00
Ethane, tetrachloro(1122)	ppb	Below Det.	05-03-89	5.00
Ethylene, 1,1 dichloro	ppb	Below Det.	05-03-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	05-03-89	.70
Ethylene, trichloro	ppb	Below Det.	05-03-89	.60
Ethylene, tetrachloro	ppb	Below Det.	05-03-89	1.20
Propane, 1,2 dichloro	ppb	Below Det.	05-03-89	5.00
Propane, 1,3 dichloro	ppb	Below Det.	05-03-89	5.00
Ethylene, chloro	ppb	Below Det.	05-03-89	5.00
Cyclohexane	ppb	Below Det.	05-03-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	05-03-89	1.70
Benzene	ppb	Below Det.	05-03-89	.50
Benzene, ethyl	ppb	Below Det.	05-03-89	1.10
Toluene	ppb	Below Det.	05-03-89	1.70
Xylene meta isomer	ppb	Below Det.	05-03-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	05-03-89	1.20
Styrene	ppb	Below Det.	05-03-89	.90

SAMPLE NUMBER 122088 CONTINUED
WATER

Benzene, chloro	ppb	Below Det.	05-03-89	1.00
Benzene(s), dichloro	ppb	Below Det.	05-03-89	9.60
Acetone	ppb	Below Det.	05-03-89	50.70
Tetrahydrofuran	ppb	Below Det.	05-03-89	36.30
Ether, diethyl	ppb	Below Det.	05-03-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	05-03-89	27.70
Ketone, isobutyl ketone	ppb	Below Det.	05-03-89	4.36
Camphor	ppb	Below Det.	05-03-89	66.20
Methane, trichlorofluoro	ppb	Below Det.	05-03-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	05-03-89	1.40
Methane, chloro fluoro	ppb	Below Det.	05-03-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	05-03-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	05-03-89	5.00
Propene 1,3 dimethyl t	ppb	Below Det.	05-03-89	5.00

Lab Comments

TRIP BLANK

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

05-15-89,14:00

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 122015

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = J.N.D.

DATE SAMPLED = 04-21-89,11:15
DATE LOGGED IN = 04-21-89,14:24
DATE COMPLETED = 05-11-89

OWNERS NAME = STILINGS
ADDRESS = 18 JENNIFER LANE
CITY OR TOWN = RAYMOND

MATRIX = WATER
WATER

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	05-11-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	05-11-89	5.00
Methane, tribromo-	ppb	Below Det.	05-11-89	5.00
Methane, trichloro-	ppb	Below Det.	05-11-89	.50
Methane, tetrachloro-	ppb	Below Det.	05-11-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	05-11-89	5.00
Ethane, chloro-	ppb	Below Det.	05-11-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	05-11-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	05-11-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	05-11-89	.40
Ethane, 1,1,2trichloro	ppb	Below Det.	05-11-89	5.00
Ethane, tetrachloro(1122)	ppb	Below Det.	05-11-89	5.00
Ethylene, 1,1 dichloro	ppb	Below Det.	05-11-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	05-11-89	.70
Ethylene, trichloro	ppb	Below Det.	05-11-89	.60
Ethylene, tetrachloro	ppb	Below Det.	05-11-89	1.20
Propane, 1,2 dichloro	ppb	Below Det.	05-11-89	5.00
Propane, 1,3 dichloro	ppb	Below Det.	05-11-89	5.00
Ethylene, chloro	ppb	Below Det.	05-11-89	5.00
Cyclohexane	ppb	Below Det.	05-11-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	05-11-89	1.70
Benzene	ppb	Below Det.	05-11-89	.50
Benzene, ethyl	ppb	Below Det.	05-11-89	1.10
Toluene	ppb	Below Det.	05-11-89	1.70
Xylene meta isomer	ppb	Below Det.	05-11-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	05-11-89	1.20
Styrene	ppb	Below Det.	05-11-89	.90

SAMPLE NUMBER 122015 CONTINUED
WATER

Benzene, chloro	ppb	Below Det.	05-11-89	1.00
Benzene(s), dichloro	ppb	Below Det.	05-11-89	9.60
Acetone	ppb	Below Det.	05-11-89	50.70
Tetrahydrofuran	ppb	Below Det.	05-11-89	36.30
Ether, diethyl	ppb	Below Det.	05-11-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	05-11-89	27.70
Ketone, isobutyl ketone	ppb	Below Det.	05-11-89	4.36
Camphor	ppb	Below Det.	05-11-89	66.20
Methane, trichlorofluoro	ppb	Below Det.	05-11-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	05-11-89	1.40
Methane, chloro fluoro	ppb	Below Det.	05-11-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	05-11-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	05-11-89	5.00
Propene 1,3 dimethyl t	ppb	Below Det.	05-11-89	5.00

Lab Comments

STILINGS

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

05-15-89,13:42

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 122016

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = J.N.D.

DATE SAMPLED = 04-21-89,11:25
DATE LOGGED IN = 04-21-89,14:25
DATE COMPLETED = 05-11-89

OWNERS NAME = FERNALDS
ADDRESS = 16 JENNIFER LANE
CITY OR TOWN = RAYMOND

MATRIX = WATER
WATER

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	05-11-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	05-11-89	5.00
Methane, tribromo-	ppb	Below Det.	05-11-89	5.00
Methane, trichloro-	ppb	Below Det.	05-11-89	.50
Methane, tetrachloro-	ppb	Below Det.	05-11-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	05-11-89	5.00
Ethane, chloro-	ppb	Below Det.	05-11-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	05-11-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	05-11-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	05-11-89	.40
Ethane, 1,1,2trichloro	ppb	Below Det.	05-11-89	5.00
Ethane, tetrachloro(1122)	ppb	Below Det.	05-11-89	5.00
Ethylene, 1,1 dichloro	ppb	Below Det.	05-11-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	05-11-89	.70
Ethylene, trichloro	ppb	Below Det.	05-11-89	.60
Ethylene, tetrachloro	ppb	Below Det.	05-11-89	1.20
Propane, 1,2 dichloro	ppb	Below Det.	05-11-89	5.00
Propane, 1,3 dichloro	ppb	Below Det.	05-11-89	5.00
Ethylene, chloro	ppb	Below Det.	05-11-89	5.00
Cyclohexane	ppb	Below Det.	05-11-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	05-11-89	1.70
Benzene	ppb	Below Det.	05-11-89	.50
Benzene, ethyl	ppb	Below Det.	05-11-89	1.10
Toluene	ppb	Below Det.	05-11-89	1.70
Xylene meta isomer	ppb	Below Det.	05-11-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	05-11-89	1.20
Styrene	ppb	Below Det.	05-11-89	.90

SAMPLE NUMBER 122016 CONTINUED
WATER

Benzene, chloro	ppb	Below Det.	05-11-89	1.00
Benzene(s), dichloro	ppb	Below Det.	05-11-89	9.60
Acetone	ppb	Below Det.	05-11-89	50.70
Tetrahydrofuran	ppb	Below Det.	05-11-89	36.30
Ether, diethyl	ppb	Below Det.	05-11-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	05-11-89	27.70
Ketone, isobutyl ketone	ppb	Below Det.	05-11-89	4.36
Camphor	ppb	Below Det.	05-11-89	66.20
Methane, trichlorofluoro	ppb	Below Det.	05-11-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	05-11-89	1.40
Methane, chloro fluoro	ppb	Below Det.	05-11-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	05-11-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	05-11-89	5.00
Propene 1,3 dimethyl t	ppb	Below Det.	05-11-89	5.00

Lab Comments

FERNALDS

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

05-15-89,13:45

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 122017

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = J.N.D.

DATE SAMPLED = 04-21-89,11:40
DATE LOGGED IN = 04-21-89,14:27
DATE COMPLETED = 05-11-89

OWNERS NAME = ROBINSON
ADDRESS = JENNIFER LANE
CITY OR TOWN = RAYMOND

MATRIX = WATER
WATER

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	05-11-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	05-11-89	5.00
Methane, tribromo-	ppb	Below Det.	05-11-89	5.00
Methane, trichloro-	ppb	Below Det.	05-11-89	.50
Methane, tetrachloro-	ppb	Below Det.	05-11-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	05-11-89	5.00
Ethane, chloro-	ppb	Below Det.	05-11-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	05-11-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	05-11-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	05-11-89	.40
Ethane, 1,1,2trichloro	ppb	Below Det.	05-11-89	5.00
Ethane, tetrachloro(1122)	ppb	Below Det.	05-11-89	5.00
Ethylene, 1,1 dichloro	ppb	Below Det.	05-11-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	05-11-89	.70
Ethylene, trichloro	ppb	Below Det.	05-11-89	.60
Ethylene, tetrachloro	ppb	Below Det.	05-11-89	1.20
Propane, 1,2 dichloro	ppb	Below Det.	05-11-89	5.00
Propane, 1,3 dichloro	ppb	Below Det.	05-11-89	5.00
Ethylene, chloro	ppb	Below Det.	05-11-89	5.00
Cyclohexane	ppb	Below Det.	05-11-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	05-11-89	1.70
Benzene	ppb	Below Det.	05-11-89	.50
Benzene, ethyl	ppb	Below Det.	05-11-89	1.10
Toluene	ppb	Below Det.	05-11-89	1.70
Xylene meta isomer	ppb	Below Det.	05-11-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	05-11-89	1.20
Styrene	ppb	Below Det.	05-11-89	.90

SAMPLE NUMBER 122017 CONTINUED
WATER

Benzene, chloro	ppb	Below Det.	05-11-89	1.00
Benzene(s), dichloro	ppb	Below Det.	05-11-89	9.60
Acetone	ppb	Below Det.	05-11-89	50.70
Tetrahydrofuran	ppb	Below Det.	05-11-89	36.30
Ether, diethyl	ppb	Below Det.	05-11-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	05-11-89	27.70
Ketone, isobutyl ketone	ppb	Below Det.	05-11-89	4.36
Camphor	ppb	Below Det.	05-11-89	66.20
Methane, trichlorofluoro	ppb	Below Det.	05-11-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	05-11-89	1.40
Methane, chloro fluoro	ppb	Below Det.	05-11-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	05-11-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	05-11-89	5.00
Propene 1,3 dimethyl t	ppb	Below Det.	05-11-89	5.00

Lab Comments

ROBINSON

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

05-15-89,13:47

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 122018

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = J.N.D.

DATE SAMPLED = 04-20-89,03:00
DATE LOGGED IN = 04-21-89,14:28
DATE COMPLETED = 05-11-89

OWNERS NAME = TRIP BLANK
ADDRESS =
CITY OR TOWN = RAYMOND

MATRIX = WATER
WATER

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	05-11-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	05-11-89	5.00
Methane, tribromo-	ppb	Below Det.	05-11-89	5.00
Methane, trichloro-	ppb	Below Det.	05-11-89	.50
Methane, tetrachloro-	ppb	Below Det.	05-11-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	05-11-89	5.00
Ethane, chloro-	ppb	Below Det.	05-11-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	05-11-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	05-11-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	05-11-89	.40
Ethane, 1,1,2trichloro	ppb	Below Det.	05-11-89	5.00
Ethane, tetrachloro(1122)	ppb	Below Det.	05-11-89	5.00
Ethylene, 1,1 dichloro	ppb	Below Det.	05-11-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	05-11-89	.70
Ethylene, trichloro	ppb	Below Det.	05-11-89	.60
Ethylene, tetrachloro	ppb	Below Det.	05-11-89	1.20
Propane, 1,2 dichloro	ppb	Below Det.	05-11-89	5.00
Propane, 1,3 dichloro	ppb	Below Det.	05-11-89	5.00
Ethylene, chloro	ppb	Below Det.	05-11-89	5.00
Cyclohexane	ppb	Below Det.	05-11-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	05-11-89	1.70
Benzene	ppb	Below Det.	05-11-89	.50
Benzene, ethyl	ppb	Below Det.	05-11-89	1.10
Toluene	ppb	Below Det.	05-11-89	1.70
Xylene meta isomer	ppb	Below Det.	05-11-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	05-11-89	1.20
Styrene	ppb	Below Det.	05-11-89	.90

SAMPLE NUMBER 122018 CONTINUED
WATER

Benzene, chloro	ppb	Below Det.	05-11-89	1.00
Benzene(s), dichloro	ppb	Below Det.	05-11-89	9.60
Acetone	ppb	Below Det.	05-11-89	50.70
Tetrahydrofuran	ppb	Below Det.	05-11-89	36.30
Ether, diethyl	ppb	Below Det.	05-11-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	05-11-89	27.70
Ketone, isobutyl ketone	ppb	Below Det.	05-11-89	4.36
Camphor	ppb	Below Det.	05-11-89	66.20
Methane, trichlorofluoro	ppb	Below Det.	05-11-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	05-11-89	1.40
Methane, chloro fluoro	ppb	Below Det.	05-11-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	05-11-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	05-11-89	5.00
Propene 1,3 dimethyl t	ppb	Below Det.	05-11-89	5.00

Lab Comments

TRIP BLANK

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

05-15-89,13:49

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 122011

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = J.N.D.

DATE SAMPLED = 04-21-89,10:10
DATE LOGGED IN = 04-21-89,14:16
DATE COMPLETED = 05-11-89

OWNERS NAME = MCDERMOTT
ADDRESS = 12 BLUEBERRY HILL RD.
CITY OR TOWN = RAYMOND

MATRIX = WATER
WATER

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	05-11-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	05-11-89	5.00
Methane, tribromo-	ppb	Below Det.	05-11-89	5.00
Methane, trichloro-	ppb	Below Det.	05-11-89	.50
Methane, tetrachloro-	ppb	Below Det.	05-11-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	05-11-89	5.00
Ethane, chloro-	ppb	Below Det.	05-11-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	05-11-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	05-11-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	05-11-89	.40
Ethane, 1,1,2trichloro	ppb	Below Det.	05-11-89	5.00
Ethane, tetrachloro(1122)	ppb	Below Det.	05-11-89	5.00
Ethylene, 1,1 dichloro	ppb	Below Det.	05-11-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	05-11-89	.70
Ethylene, trichloro	ppb	Below Det.	05-11-89	.60
Ethylene, tetrachloro	ppb	Below Det.	05-11-89	1.20
Propane, 1,2 dichloro	ppb	Below Det.	05-11-89	5.00
Propane, 1,3 dichloro	ppb	Below Det.	05-11-89	5.00
Ethylene, chloro	ppb	Below Det.	05-11-89	5.00
Cyclohexane	ppb	Below Det.	05-11-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	05-11-89	1.70
Benzene	ppb	Below Det.	05-11-89	.50
Benzene, ethyl	ppb	Below Det.	05-11-89	1.10
Toluene	ppb	Below Det.	05-11-89	1.70
Xylene meta isomer	ppb	Below Det.	05-11-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	05-11-89	1.20
Styrene	ppb	Below Det.	05-11-89	.90

SAMPLE NUMBER 122011 CONTINUED
WATER

Benzene, chloro	ppb	Below Det.	05-11-89	1.00
Benzene(s), dichloro	ppb	Below Det.	05-11-89	9.60
Acetone	ppb	Below Det.	05-11-89	50.70
Tetrahydrofuran	ppb	Below Det.	05-11-89	36.30
Ether, diethyl	ppb	Below Det.	05-11-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	05-11-89	27.70
Ketone, isobutyl ketone	ppb	Below Det.	05-11-89	4.36
Camphor	ppb	Below Det.	05-11-89	66.20
Methane, trichlorofluoro	ppb	Below Det.	05-11-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	05-11-89	1.40
Methane, chloro fluoro	ppb	Below Det.	05-11-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	05-11-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	05-11-89	5.00
Propene 1,3 dimethyl t	ppb	Below Det.	05-11-89	5.00

Lab Comments

MCDERMOTT

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

05-15-89,13:34

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 122012

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = J.N.D.

DATE SAMPLED = 04-21-89,10:23
DATE LOGGED IN = 04-21-89,14:20
DATE COMPLETED = 05-11-89

OWNERS NAME = STRACKE
ADDRESS = 14 BLUEBERRY HILL RD.
CITY OR TOWN = RAYMOND

MATRIX = WATER
WATER

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	05-11-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	05-11-89	5.00
Methane, tribromo-	ppb	Below Det.	05-11-89	5.00
Methane, trichloro-	ppb	Below Det.	05-11-89	.50
Methane, tetrachloro-	ppb	Below Det.	05-11-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	05-11-89	5.00
Ethane, chloro-	ppb	Below Det.	05-11-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	05-11-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	05-11-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	05-11-89	.40
Ethane, 1,1,2trichloro	ppb	Below Det.	05-11-89	5.00
Ethane, tetrachloro(1122)	ppb	Below Det.	05-11-89	5.00
Ethylene, 1,1 dichloro	ppb	Below Det.	05-11-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	05-11-89	.70
Ethylene, trichloro	ppb	Below Det.	05-11-89	.60
Ethylene, tetrachloro	ppb	Below Det.	05-11-89	1.20
Propane, 1,2 dichloro	ppb	Below Det.	05-11-89	5.00
Propane, 1,3 dichloro	ppb	Below Det.	05-11-89	5.00
Ethylene, chloro	ppb	Below Det.	05-11-89	5.00
Cyclohexane	ppb	Below Det.	05-11-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	05-11-89	1.70
Benzene	ppb	Below Det.	05-11-89	.50
Benzene, ethyl	ppb	Below Det.	05-11-89	1.10
Toluene	ppb	Below Det.	05-11-89	1.70
Xylene meta isomer	ppb	Below Det.	05-11-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	05-11-89	1.20
Styrene	ppb	Below Det.	05-11-89	.90

SAMPLE NUMBER 122012 CONTINUED
WATER

Benzene, chloro	ppb	Below Det.	05-11-89	1.00
Benzene(s), dichloro	ppb	Below Det.	05-11-89	9.60
Acetone	ppb	Below Det.	05-11-89	50.70
Tetrahydrofuran	ppb	Below Det.	05-11-89	36.30
Ether, diethyl	ppb	Below Det.	05-11-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	05-11-89	27.70
Ketone, isobutyl ketone	ppb	Below Det.	05-11-89	4.36
Camphor	ppb	Below Det.	05-11-89	66.20
Methane, trichlorofluoro	ppb	Below Det.	05-11-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	05-11-89	1.40
Methane, chloro fluoro	ppb	Below Det.	05-11-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	05-11-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	05-11-89	5.00
Propene 1,3 dimethyl t	ppb	Below Det.	05-11-89	5.00

Lab Comments

STRACKE

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

05-15-89,13:36

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 122013

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = J.N.D.

DATE SAMPLED = 04-21-89,10:50
DATE LOGGED IN = 04-21-89,14:21
DATE COMPLETED = 05-11-89

OWNERS NAME = IVERSON
ADDRESS = 7 JENNIFER LANE
CITY OR TOWN = RAYMOND

MATRIX = WATER
WATER

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	05-11-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	05-11-89	5.00
Methane, tribromo-	ppb	Below Det.	05-11-89	5.00
Methane, trichloro-	ppb	Below Det.	05-11-89	.50
Methane, tetrachloro-	ppb	Below Det.	05-11-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	05-11-89	5.00
Ethane, chloro-	ppb	Below Det.	05-11-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	05-11-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	05-11-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	05-11-89	.40
Ethane, 1,1,2trichloro	ppb	Below Det.	05-11-89	5.00
Ethane, tetrachloro(1122)	ppb	Below Det.	05-11-89	5.00
Ethylene, 1,1 dichloro	ppb	Below Det.	05-11-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	05-11-89	.70
Ethylene, trichloro	ppb	Below Det.	05-11-89	.60
Ethylene, tetrachloro	ppb	Below Det.	05-11-89	1.20
Propane, 1,2 dichloro	ppb	Below Det.	05-11-89	5.00
Propane, 1,3 dichloro	ppb	Below Det.	05-11-89	5.00
Ethylene, chloro	ppb	Below Det.	05-11-89	5.00
Cyclohexane	ppb	Below Det.	05-11-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	05-11-89	1.70
Benzene	ppb	Below Det.	05-11-89	.50
Benzene, ethyl	ppb	Below Det.	05-11-89	1.10
Toluene	ppb	Below Det.	05-11-89	1.70
Xylene meta isomer	ppb	Below Det.	05-11-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	05-11-89	1.20
Styrene	ppb	Below Det.	05-11-89	.90

SAMPLE NUMBER 122013 CONTINUED
WATER

Benzene, chloro	ppb	Below Det.	05-11-89	1.00
Benzene(s), dichloro	ppb	Below Det.	05-11-89	9.60
Acetone	ppb	Below Det.	05-11-89	50.70
Tetrahydrofuran	ppb	Below Det.	05-11-89	36.30
Ether, diethyl	ppb	Below Det.	05-11-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	05-11-89	27.70
Ketone, isobutyl ketone	ppb	Below Det.	05-11-89	4.36
Camphor	ppb	Below Det.	05-11-89	66.20
Methane, trichlorofluoro	ppb	Below Det.	05-11-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	05-11-89	1.40
Methane, chloro fluoro	ppb	Below Det.	05-11-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	05-11-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	05-11-89	5.00
Propene 1,3 dimethyl t	ppb	Below Det.	05-11-89	5.00

Lab Comments

IVERSON

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

05-15-89,13:38

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 122014

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = J.N.D.

DATE SAMPLED = 04-21-89,12:10
DATE LOGGED IN = 04-21-89,14:23
DATE COMPLETED = 05-11-89

OWNERS NAME = WILKINSON
ADDRESS = JENNIFER LANE
CITY OR TOWN = RAYMOND

MATRIX = WATER
WATER

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	05-11-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	05-11-89	5.00
Methane, tribromo-	ppb	Below Det.	05-11-89	5.00
Methane, trichloro-	ppb	1.44	05-11-89	.60
Methane, tetrachloro-	ppb	Below Det.	05-11-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	05-11-89	5.00
Ethane, chloro-	ppb	Below Det.	05-11-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	05-11-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	05-11-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	05-11-89	.40
Ethane, 1,1,2trichloro	ppb	Below Det.	05-11-89	5.00
Ethane, tetrachloro(1122)	ppb	Below Det.	05-11-89	5.00
Ethylene, 1,1 dichloro	ppb	Below Det.	05-11-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	05-11-89	.70
Ethylene, trichloro	ppb	Below Det.	05-11-89	.60
Ethylene, tetrachloro	ppb	Below Det.	05-11-89	1.20
Propane, 1,2 dichloro	ppb	Below Det.	05-11-89	5.00
Propane, 1,3 dichloro	ppb	Below Det.	05-11-89	5.00
Ethylene, chloro	ppb	Below Det.	05-11-89	5.00
Cyclohexane	ppb	Below Det.	05-11-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	05-11-89	1.70
Benzene	ppb	Below Det.	05-11-89	.50
Benzene, ethyl	ppb	Below Det.	05-11-89	1.10
Toluene	ppb	Below Det.	05-11-89	1.70
Xylene meta isomer	ppb	Below Det.	05-11-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	05-11-89	1.20
Styrene	ppb	Below Det.	05-11-89	.90

SAMPLE NUMBER 122014 CONTINUED
WATER

Benzene, chloro	ppb	Below Det.	05-11-89	1.00
Benzene(s), dichloro	ppb	Below Det.	05-11-89	9.60
Acetone	ppb	Below Det.	05-11-89	50.70
Tetrahydrofuran	ppb	Below Det.	05-11-89	36.30
Ether, diethyl	ppb	Below Det.	05-11-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	05-11-89	27.70
Ketone, isobutyl ketone	ppb	Below Det.	05-11-89	4.36
Camphor	ppb	Below Det.	05-11-89	66.20
Methane, trichlorofluoro	ppb	Below Det.	05-11-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	05-11-89	1.40
Methane, chloro fluoro	ppb	Below Det.	05-11-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	05-11-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	05-11-89	5.00
Propene 1,3 dimethyl t	ppb	Below Det.	05-11-89	5.00

Lab Comments

WILKINSON

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

05-15-89,13:40

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 121946

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = J.N.D.

DATE SAMPLED = 04-20-89,11:55
DATE LOGGED IN = 04-20-89,15:14
DATE COMPLETED = 05-08-89

OWNERS NAME = CARLETON
ADDRESS = 4 BLACKBERRY RD.
CITY OR TOWN = RAYMOND

MATRIX = WATER
WATER

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	05-08-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	05-08-89	5.00
Methane, tribromo-	ppb	Below Det.	05-08-89	5.00
Methane, trichloro-	ppb	Below Det.	05-08-89	.50
Methane, tetrachloro-	ppb	Below Det.	05-08-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	05-08-89	5.00
Ethane, chloro-	ppb	Below Det.	05-08-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	05-08-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	05-08-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	05-08-89	.40
Ethane, 1,1,2trichloro	ppb	Below Det.	05-08-89	5.00
Ethane, tetrachloro(1122)	ppb	Below Det.	05-08-89	5.00
Ethylene, 1,1 dichloro	ppb	Below Det.	05-08-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	05-08-89	.70
Ethylene, trichloro	ppb	Below Det.	05-08-89	.60
Ethylene, tetrachloro	ppb	Below Det.	05-08-89	1.20
Propane, 1,2 dichloro	ppb	Below Det.	05-08-89	5.00
Propane, 1,3 dichloro	ppb	Below Det.	05-08-89	5.00
Ethylene, chloro	ppb	Below Det.	05-08-89	5.00
Cyclohexane	ppb	Below Det.	05-08-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	05-08-89	1.70
Benzene	ppb	Below Det.	05-08-89	.50
Benzene, ethyl	ppb	Below Det.	05-08-89	1.10
Toluene	ppb	Below Det.	05-08-89	1.70
Xylene meta isomer	ppb	Below Det.	05-08-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	05-08-89	1.20
Styrene	ppb	Below Det.	05-08-89	.90

SAMPLE NUMBER 121946 CONTINUED
WATER

Benzene, chloro	ppb	Below Det.	05-08-89	1.00
Benzene(s), dichloro	ppb	Below Det.	05-08-89	9.60
Acetone	ppb	Below Det.	05-08-89	50.70
Tetrahydrofuran	ppb	Below Det.	05-08-89	36.30
Ether, diethyl	ppb	Below Det.	05-08-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	05-08-89	27.70
Ketone, isobutyl ketone	ppb	Below Det.	05-08-89	4.36
Camphor	ppb	Below Det.	05-08-89	66.20
Methane, trichlorofluoro	ppb	Below Det.	05-08-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	05-08-89	1.40
Methane, chloro fluoro	ppb	Below Det.	05-08-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	05-08-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	05-08-89	5.00
Propene 1,3 dimethyl t	ppb	Below Det.	05-08-89	5.00

Lab Comments

CARLETON

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

05-15-89,14:32

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 121947

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = J.N.D.

DATE SAMPLED = 04-20-89,12:08
DATE LOGGED IN = 04-20-89,15:16
DATE COMPLETED = 05-08-89

OWNERS NAME = JAMES CADORET
ADDRESS = 5 HUCKLEBERRY RD.
CITY OR TOWN = RAYMOND

MATRIX = WATER
WATER

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	05-08-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	05-08-89	5.00
Methane, tribromo-	ppb	Below Det.	05-08-89	5.00
Methane, trichloro-	ppb	Below Det.	05-08-89	.50
Methane, tetrachloro-	ppb	Below Det.	05-08-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	05-08-89	5.00
Ethane, chloro-	ppb	Below Det.	05-08-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	05-08-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	05-08-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	05-08-89	.40
Ethane, 1,1,2trichloro	ppb	Below Det.	05-08-89	5.00
Ethane, tetrachloro(1122)	ppb	Below Det.	05-08-89	5.00
Ethylene, 1,1 dichloro	ppb	Below Det.	05-08-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	05-08-89	.70
Ethylene, trichloro	ppb	Below Det.	05-08-89	.60
Ethylene, tetrachloro	ppb	Below Det.	05-08-89	1.20
Propane, 1,2 dichloro	ppb	Below Det.	05-08-89	5.00
Propane, 1,3 dichloro	ppb	Below Det.	05-08-89	5.00
Ethylene, chloro	ppb	Below Det.	05-08-89	5.00
Cyclohexane	ppb	Below Det.	05-08-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	05-08-89	1.70
Benzene	ppb	Below Det.	05-08-89	.50
Benzene, ethyl	ppb	Below Det.	05-08-89	1.10
Toluene	ppb	Below Det.	05-08-89	1.70
Xylene meta isomer	ppb	Below Det.	05-08-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	05-08-89	1.20
Styrene	ppb	Below Det.	05-08-89	.90

SAMPLE NUMBER 121947 CONTINUED
WATER

Benzene, chloro	ppb	Below Det.	05-08-89	1.00
Benzene(s), dichloro	ppb	Below Det.	05-08-89	9.60
Acetone	ppb	Below Det.	05-08-89	50.70
Tetrahydrofuran	ppb	Below Det.	05-08-89	36.30
Ether, diethyl	ppb	Below Det.	05-08-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	05-08-89	27.70
Ketone, isobutyl ketone	ppb	Below Det.	05-08-89	4.36
Camphor	ppb	Below Det.	05-08-89	66.20
Methane, trichlorofluoro	ppb	Below Det.	05-08-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	05-08-89	1.40
Methane, chloro fluoro	ppb	Below Det.	05-08-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	05-08-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	05-08-89	5.00
Propene 1,3 dimethyl t	ppb	Below Det.	05-08-89	5.00

Lab Comments

JAMES CADORET

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

05-15-89,14:34

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 121948

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = J.N.D.

DATE SAMPLED = 04-20-89,12:20
DATE LOGGED IN = 04-20-89,15:17
DATE COMPLETED = 05-08-89

OWNERS NAME = BERUBE
ADDRESS = 7 HUCKLEBERRY RD.
CITY OR TOWN = RAYMOND

MATRIX = WATER
WATER

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	05-08-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	05-08-89	5.00
Methane, tribromo-	ppb	Below Det.	05-08-89	5.00
Methane, trichloro-	ppb	Below Det.	05-08-89	.50
Methane, tetrachloro-	ppb	Below Det.	05-08-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	05-08-89	5.00
Ethane, chloro-	ppb	Below Det.	05-08-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	05-08-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	05-08-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	05-08-89	.40
Ethane, 1,1,2trichloro	ppb	Below Det.	05-08-89	5.00
Ethane, tetrachloro(1122)	ppb	Below Det.	05-08-89	5.00
Ethylene, 1,1 dichloro	ppb	Below Det.	05-08-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	05-08-89	.70
Ethylene, trichloro	ppb	Below Det.	05-08-89	.60
Ethylene, tetrachloro	ppb	Below Det.	05-08-89	1.20
Propane, 1,2 dichloro	ppb	Below Det.	05-08-89	5.00
Propane, 1,3 dichloro	ppb	Below Det.	05-08-89	5.00
Ethylene, chloro	ppb	Below Det.	05-08-89	5.00
Cyclohexane	ppb	Below Det.	05-08-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	05-08-89	1.70
Benzene	ppb	Below Det.	05-08-89	.50
Benzene, ethyl	ppb	Below Det.	05-08-89	1.10
Toluene	ppb	Below Det.	05-08-89	1.70
Xylene meta isomer	ppb	Below Det.	05-08-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	05-08-89	1.20
Styrene	ppb	Below Det.	05-08-89	.90

SAMPLE NUMBER 121948 CONTINUED
WATER

Benzene, chloro	ppb	Below Det.	05-08-89	1.00
Benzene(s), dichloro	ppb	Below Det.	05-08-89	9.60
Acetone	ppb	Below Det.	05-08-89	50.70
Tetrahydrofuran	ppb	Below Det.	05-08-89	36.30
Ether, diethyl	ppb	Below Det.	05-08-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	05-08-89	27.70
Ketone, isobutyl ketone	ppb	Below Det.	05-08-89	4.36
Camphor	ppb	Below Det.	05-08-89	66.20
Methane, trichlorofluoro	ppb	Below Det.	05-08-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	05-08-89	1.40
Methane, chloro fluoro	ppb	Below Det.	05-08-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	05-08-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	05-08-89	5.00
Propene 1,3 dimethyl t	ppb	Below Det.	05-08-89	5.00

Lab Comments

BERUBE Q.C. BOTTLE

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

05-15-89,14:36

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 121950

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = J.N.D.

DATE SAMPLED = 04-20-89,12:35
DATE LOGGED IN = 04-20-89,15:20
DATE COMPLETED = 05-08-89

OWNERS NAME = GRAVES
ADDRESS = 10 HUCKLEBERRY RD.
CITY OR TOWN = RAYMOND

MATRIX = WATER
WATER

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	05-08-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	05-08-89	5.00
Methane, tribromo-	ppb	Below Det.	05-08-89	5.00
Methane, trichloro-	ppb	Below Det.	05-08-89	.50
Methane, tetrachloro-	ppb	Below Det.	05-08-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	05-08-89	5.00
Ethane, chloro-	ppb	Below Det.	05-08-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	05-08-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	05-08-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	05-08-89	.40
Ethane, 1,1,2trichloro	ppb	Below Det.	05-08-89	5.00
Ethane, tetrachloro(1122)	ppb	Below Det.	05-08-89	5.00
Ethylene, 1,1 dichloro	ppb	Below Det.	05-08-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	05-08-89	.70
Ethylene, trichloro	ppb	Below Det.	05-08-89	.60
Ethylene, tetrachloro	ppb	Below Det.	05-08-89	1.20
Propane, 1,2 dichloro	ppb	Below Det.	05-08-89	5.00
Propane, 1,3 dichloro	ppb	Below Det.	05-08-89	5.00
Ethylene, chloro	ppb	Below Det.	05-08-89	5.00
Cyclohexane	ppb	Below Det.	05-08-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	05-08-89	1.70
Benzene	ppb	Below Det.	05-08-89	.50
Benzene, ethyl	ppb	Below Det.	05-08-89	1.10
Toluene	ppb	Below Det.	05-08-89	1.70
Xylene meta isomer	ppb	Below Det.	05-08-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	05-08-89	1.20
Styrene	ppb	Below Det.	05-08-89	.90

SAMPLE NUMBER 121950 CONTINUED
WATER

Benzene, chloro	ppb	Below Det.	05-08-89	1.00
Benzene(s), dichloro	ppb	Below Det.	05-08-89	9.60
Acetone	ppb	Below Det.	05-08-89	50.70
Tetrahydrofuran	ppb	Below Det.	05-08-89	36.30
Ether, diethyl	ppb	Below Det.	05-08-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	05-08-89	27.70
Ketone, isobutyl ketone	ppb	Below Det.	05-08-89	4.36
Camphor	ppb	Below Det.	05-08-89	66.20
Methane, trichlorofluoro	ppb	Below Det.	05-08-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	05-08-89	1.40
Methane, chloro fluoro	ppb	Below Det.	05-08-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	05-08-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	05-08-89	5.00
Propene 1,3 dimethyl t	ppb	Below Det.	05-08-89	5.00

Lab Comments

GRAVES

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

05-15-89,14:38

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 121951

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = J.N.D.

DATE SAMPLED = 04-20-89,01:10
DATE LOGGED IN = 04-20-89,15:22
DATE COMPLETED = 05-08-89

OWNERS NAME = VALLET
ADDRESS = 18 BLUEBERRY HILL RD.
CITY OR TOWN = RAYMOND

MATRIX = WATER
WATER

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	05-08-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	05-08-89	5.00
Methane, tribromo-	ppb	Below Det.	05-08-89	5.00
Methane, trichloro-	ppb	Below Det.	05-08-89	.50
Methane, tetrachloro-	ppb	Below Det.	05-08-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	05-08-89	5.00
Ethane, chloro-	ppb	Below Det.	05-08-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	05-08-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	05-08-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	05-08-89	.40
Ethane, 1,1,2trichloro	ppb	Below Det.	05-08-89	5.00
Ethane, tetrachloro(1122)	ppb	Below Det.	05-08-89	5.00
Ethylene, 1,1 dichloro	ppb	Below Det.	05-08-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	05-08-89	.70
Ethylene, trichloro	ppb	Below Det.	05-08-89	.60
Ethylene, tetrachloro	ppb	Below Det.	05-08-89	1.20
Propane, 1,2 dichloro	ppb	Below Det.	05-08-89	5.00
Propane, 1,3 dichloro	ppb	Below Det.	05-08-89	5.00
Ethylene, chloro	ppb	Below Det.	05-08-89	5.00
Cyclohexane	ppb	Below Det.	05-08-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	05-08-89	1.70
Benzene	ppb	Below Det.	05-08-89	.50
Benzene, ethyl	ppb	Below Det.	05-08-89	1.10
Toluene	ppb	Below Det.	05-08-89	1.70
Xylene meta isomer	ppb	Below Det.	05-08-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	05-08-89	1.20
Styrene	ppb	Below Det.	05-08-89	.90

SAMPLE NUMBER 121951 CONTINUED
WATER

Benzene, chloro	ppb	Below Det.	05-08-89	1.00
Benzene(s), dichloro	ppb	Below Det.	05-08-89	9.60
Acetone	ppb	Below Det.	05-08-89	50.70
Tetrahydrofuran	ppb	Below Det.	05-08-89	36.30
Ether, diethyl	ppb	Below Det.	05-08-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	05-08-89	27.70
Ketone, isobutyl ketone	ppb	Below Det.	05-08-89	4.36
Camphor	ppb	Below Det.	05-08-89	66.20
Methane, trichlorofluoro	ppb	Below Det.	05-08-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	05-08-89	1.40
Methane, chloro fluoro	ppb	Below Det.	05-08-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	05-08-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	05-08-89	5.00
Propene 1,3 dimethyl t	ppb	Below Det.	05-08-89	5.00

Lab Comments

VALLET

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

05-15-89,14:41

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 121952

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = J.N.D.

DATE SAMPLED = 04-20-89,09:00
DATE LOGGED IN = 04-20-89,15:24
DATE COMPLETED = 05-08-89

OWNERS NAME = TRIP BLANK
ADDRESS =
CITY OR TOWN = RAYMOND

MATRIX = WATER
WATER

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	05-08-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	05-08-89	5.00
Methane, tribromo-	ppb	Below Det.	05-08-89	5.00
Methane, trichloro-	ppb	Below Det.	05-08-89	.50
Methane, tetrachloro-	ppb	Below Det.	05-08-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	05-08-89	5.00
Ethane, chloro-	ppb	Below Det.	05-08-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	05-08-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	05-08-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	05-08-89	.40
Ethane, 1,1,2trichloro	ppb	Below Det.	05-08-89	5.00
Ethane, tetrachloro(1122)	ppb	Below Det.	05-08-89	5.00
Ethylene, 1,1 dichloro	ppb	Below Det.	05-08-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	05-08-89	.70
Ethylene, trichloro	ppb	Below Det.	05-08-89	.60
Ethylene, tetrachloro	ppb	Below Det.	05-08-89	1.20
Propane, 1,2 dichloro	ppb	Below Det.	05-08-89	5.00
Propane, 1,3 dichloro	ppb	Below Det.	05-08-89	5.00
Ethylene, chloro	ppb	Below Det.	05-08-89	5.00
Cyclohexane	ppb	Below Det.	05-08-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	05-08-89	1.70
Benzene	ppb	Below Det.	05-08-89	.50
Benzene, ethyl	ppb	Below Det.	05-08-89	1.10
Toluene	ppb	Below Det.	05-08-89	1.70
Xylene meta isomer	ppb	Below Det.	05-08-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	05-08-89	1.20
Styrene	ppb	Below Det.	05-08-89	.90

SAMPLE NUMBER 121952 CONTINUED
WATER

Benzene, chloro	ppb	Below Det.	05-08-89	1.00
Benzene(s), dichloro	ppb	Below Det.	05-08-89	9.60
Acetone	ppb	Below Det.	05-08-89	50.70
Tetrahydrofuran	ppb	Below Det.	05-08-89	36.30
Ether, diethyl	ppb	Below Det.	05-08-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	05-08-89	27.70
Ketone, isobutyl ketone	ppb	Below Det.	05-08-89	4.36
Camphor	ppb	Below Det.	05-08-89	66.20
Methane, trichlorofluoro	ppb	Below Det.	05-08-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	05-08-89	1.40
Methane, chloro fluoro	ppb	Below Det.	05-08-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	05-08-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	05-08-89	5.00
Propene 1,3 dimethyl t	ppb	Below Det.	05-08-89	5.00

Lab Comments

TRIP BLANK

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

05-15-89,14:43

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 121941

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = J.N.D.

DATE SAMPLED = 04-20-89,10:45
DATE LOGGED IN = 04-20-89,15:05
DATE COMPLETED = 05-08-89

OWNERS NAME = JOHN CADORET
ADDRESS = 3 RANDY LANE
CITY OR TOWN = RAYMOND

MATRIX = WATER
WATER

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	05-08-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	05-08-89	5.00
Methane, tribromo-	ppb	Below Det.	05-08-89	5.00
Methane, trichloro-	ppb	Below Det.	05-08-89	.50
Methane, tetrachloro-	ppb	Below Det.	05-08-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	05-08-89	5.00
Ethane, chloro-	ppb	Below Det.	05-08-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	05-08-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	05-08-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	05-08-89	.40
Ethane, 1,1,2trichloro	ppb	Below Det.	05-08-89	5.00
Ethane, tetrachloro(1122)	ppb	Below Det.	05-08-89	5.00
Ethylene, 1,1 dichloro	ppb	Below Det.	05-08-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	05-08-89	.70
Ethylene, trichloro	ppb	Below Det.	05-08-89	.60
Ethylene, tetrachloro	ppb	Below Det.	05-08-89	1.20
Propane, 1,2 dichloro	ppb	Below Det.	05-08-89	5.00
Propane, 1,3 dichloro	ppb	Below Det.	05-08-89	5.00
Ethylene, chloro	ppb	Below Det.	05-08-89	5.00
Cyclohexane	ppb	Below Det.	05-08-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	05-08-89	1.70
Benzene	ppb	Below Det.	05-08-89	.50
Benzene, ethyl	ppb	Below Det.	05-08-89	1.10
Toluene	ppb	Below Det.	05-08-89	1.70
Xylene meta isomer	ppb	Below Det.	05-08-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	05-08-89	1.20
Styrene	ppb	Below Det.	05-08-89	.90

SAMPLE NUMBER 121941 CONTINUED
WATER

Benzene, chloro	ppb	Below Det.	05-08-89	1.00
Benzene(s), dichloro	ppb	Below Det.	05-08-89	9.60
Acetone	ppb	Below Det.	05-08-89	50.70
Tetrahydrofuran	ppb	Below Det.	05-08-89	36.30
Ether, diethyl	ppb	Below Det.	05-08-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	05-08-89	27.70
Ketone, isobutyl ketone	ppb	Below Det.	05-08-89	4.36
Camphor	ppb	Below Det.	05-08-89	66.20
Methane, trichlorofluoro	ppb	Below Det.	05-08-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	05-08-89	1.40
Methane, chloro fluoro	ppb	Below Det.	05-08-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	05-08-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	05-08-89	5.00
Propene 1,3 dimethyl t	ppb	Below Det.	05-08-89	5.00

Lab Comments

JOHN CADORET

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

05-15-89,14:21

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 121942

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = J.N.D.

DATE SAMPLED = 04-20-89,11:00
DATE LOGGED IN = 04-20-89,15:08
DATE COMPLETED = 05-08-89

OWNERS NAME = SENSALE
ADDRESS = 15 HUCKLEBERRY RD.
CITY OR TOWN = RAYMOND

MATRIX = WATER
WATER

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	05-08-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	05-08-89	5.00
Methane, tribromo-	ppb	Below Det.	05-08-89	5.00
Methane, trichloro-	ppb	Below Det.	05-08-89	.50
Methane, tetrachloro-	ppb	Below Det.	05-08-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	05-08-89	5.00
Ethane, chloro-	ppb	Below Det.	05-08-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	05-08-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	05-08-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	05-08-89	.40
Ethane, 1,1,2trichloro	ppb	Below Det.	05-08-89	5.00
Ethane, tetrachloro(1122)	ppb	Below Det.	05-08-89	5.00
Ethylene, 1,1 dichloro	ppb	Below Det.	05-08-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	05-08-89	.70
Ethylene, trichloro	ppb	Below Det.	05-08-89	.60
Ethylene, tetrachloro	ppb	Below Det.	05-08-89	1.20
Propane, 1,2 dichloro	ppb	Below Det.	05-08-89	5.00
Propane, 1,3 dichloro	ppb	Below Det.	05-08-89	5.00
Ethylene, chloro	ppb	Below Det.	05-08-89	5.00
Cyclohexane	ppb	Below Det.	05-08-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	05-08-89	1.70
Benzene	ppb	Below Det.	05-08-89	.50
Benzene, ethyl	ppb	Below Det.	05-08-89	1.10
Toluene	ppb	Below Det.	05-08-89	1.70
Xylene meta isomer	ppb	Below Det.	05-08-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	05-08-89	1.20
Styrene	ppb	Below Det.	05-08-89	.90

SAMPLE NUMBER 121942 CONTINUED
WATER

Benzene, chloro	ppb	Below Det.	05-08-89	1.00
Benzene(s), dichloro	ppb	Below Det.	05-08-89	9.60
Acetone	ppb	Below Det.	05-08-89	50.70
Tetrahydrofuran	ppb	Below Det.	05-08-89	36.30
Ether, diethyl	ppb	Below Det.	05-08-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	05-08-89	27.70
Ketone, isobutyl ketone	ppb	Below Det.	05-08-89	4.36
Camphor	ppb	Below Det.	05-08-89	66.20
Methane, trichlorofluoro	ppb	Below Det.	05-08-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	05-08-89	1.40
Methane, chloro fluoro	ppb	Below Det.	05-08-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	05-08-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	05-08-89	5.00
Propene 1,3 dimethyl t	ppb	Below Det.	05-08-89	5.00

Lab Comments

SENSALE

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

05-15-89,14:23

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 121943

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = J.N.D.

DATE SAMPLED = 04-20-89,11:10
DATE LOGGED IN = 04-20-89,15:09
DATE COMPLETED = 05-08-89

OWNERS NAME = DAWSON
ADDRESS = 10 BLAKE RD.
CITY OR TOWN = RAYMOND

MATRIX = WATER
WATER

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	05-08-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	05-08-89	5.00
Methane, tribromo-	ppb	Below Det.	05-08-89	5.00
Methane, trichloro-	ppb	Below Det.	05-08-89	.50
Methane, tetrachloro-	ppb	Below Det.	05-08-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	05-08-89	5.00
Ethane, chloro-	ppb	Below Det.	05-08-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	05-08-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	05-08-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	05-08-89	.40
Ethane, 1,1,2trichloro	ppb	Below Det.	05-08-89	5.00
Ethane, tetrachloro(1122)	ppb	Below Det.	05-08-89	5.00
Ethylene, 1,1 dichloro	ppb	Below Det.	05-08-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	05-08-89	.70
Ethylene, trichloro	ppb	Below Det.	05-08-89	.60
Ethylene, tetrachloro	ppb	Below Det.	05-08-89	1.20
Propane, 1,2 dichloro	ppb	Below Det.	05-08-89	5.00
Propane, 1,3 dichloro	ppb	Below Det.	05-08-89	5.00
Ethylene, chloro	ppb	Below Det.	05-08-89	5.00
Cyclohexane	ppb	Below Det.	05-08-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	05-08-89	1.70
Benzene	ppb	Below Det.	05-08-89	.50
Benzene, ethyl	ppb	Below Det.	05-08-89	1.10
Toluene	ppb	Below Det.	05-08-89	1.70
Xylene meta isomer	ppb	Below Det.	05-08-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	05-08-89	1.20
Styrene	ppb	Below Det.	05-08-89	.90

SAMPLE NUMBER 121943 CONTINUED
WATER

Benzene, chloro	ppb	Below Det.	05-08-89	1.00
Benzene(s), dichloro	ppb	Below Det.	05-08-89	9.60
Acetone	ppb	Below Det.	05-08-89	50.70
Tetrahydrofuran	ppb	Below Det.	05-08-89	36.30
Ether, diethyl	ppb	Below Det.	05-08-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	05-08-89	27.70
Ketone, isobutyl ketone	ppb	Below Det.	05-08-89	4.36
Camphor	ppb	Below Det.	05-08-89	66.20
Methane, trichlorofluoro	ppb	Below Det.	05-08-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	05-08-89	1.40
Methane, chloro fluoro	ppb	Below Det.	05-08-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	05-08-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	05-08-89	5.00
Propene 1,3 dimethyl t	ppb	Below Det.	05-08-89	5.00

Lab Comments

DAWSON

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

05-15-89,14:25

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 121944

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = J.N.D.

DATE SAMPLED = 04-20-89,11:25
DATE LOGGED IN = 04-20-89,15:11
DATE COMPLETED = 05-08-89

OWNERS NAME = SCUTO
ADDRESS = BLAKE RD.
CITY OR TOWN = RAYMOND

MATRIX = WATER
WATER

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	05-08-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	05-08-89	5.00
Methane, tribromo-	ppb	Below Det.	05-08-89	5.00
Methane, trichloro-	ppb	Below Det.	05-08-89	.50
Methane, tetrachloro-	ppb	Below Det.	05-08-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	05-08-89	5.00
Ethane, chloro-	ppb	Below Det.	05-08-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	05-08-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	05-08-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	05-08-89	.40
Ethane, 1,1,2trichloro	ppb	Below Det.	05-08-89	5.00
Ethane, tetrachloro(1122)	ppb	Below Det.	05-08-89	5.00
Ethylene, 1,1 dichloro	ppb	Below Det.	05-08-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	05-08-89	.70
Ethylene, trichloro	ppb	Below Det.	05-08-89	.60
Ethylene, tetrachloro	ppb	Below Det.	05-08-89	1.20
Propane, 1,2 dichloro	ppb	Below Det.	05-08-89	5.00
Propane, 1,3 dichloro	ppb	Below Det.	05-08-89	5.00
Ethylene, chloro	ppb	Below Det.	05-08-89	5.00
Cyclohexane	ppb	Below Det.	05-08-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	05-08-89	1.70
Benzene	ppb	Below Det.	05-08-89	.50
Benzene, ethyl	ppb	Below Det.	05-08-89	1.10
Toluene	ppb	Below Det.	05-08-89	1.70
Xylene meta isomer	ppb	Below Det.	05-08-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	05-08-89	1.20
Styrene	ppb	Below Det.	05-08-89	.90

SAMPLE NUMBER 121944 CONTINUED
WATER

Benzene, chloro	ppb	Below Det.	05-08-89	1.00
Benzene(s), dichloro	ppb	Below Det.	05-08-89	9.60
Acetone	ppb	Below Det.	05-08-89	50.70
Tetrahydrofuran	ppb	Below Det.	05-08-89	36.30
Ether, diethyl	ppb	Below Det.	05-08-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	05-08-89	27.70
Ketone, isobutyl ketone	ppb	Below Det.	05-08-89	4.36
Camphor	ppb	Below Det.	05-08-89	66.20
Methane, trichlorofluoro	ppb	Below Det.	05-08-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	05-08-89	1.40
Methane, chloro fluoro	ppb	Below Det.	05-08-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	05-08-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	05-08-89	5.00
Propene 1,3 dimethyl t	ppb	Below Det.	05-08-89	5.00

Lab Comments

SCUTO

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

05-15-89,14:28

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 121945

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = J.N.D.

DATE SAMPLED = 04-20-89,11:40
DATE LOGGED IN = 04-20-89,15:12
DATE COMPLETED = 05-08-89

OWNERS NAME = CASHMAN
ADDRESS = 12 BLACKBERRY RD.
CITY OR TOWN = RAYMOND

MATRIX = WATER
WATER

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	05-08-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	05-08-89	5.00
Methane, tribromo-	ppb	Below Det.	05-08-89	5.00
Methane, trichloro-	ppb	Below Det.	05-08-89	.50
Methane, tetrachloro-	ppb	Below Det.	05-08-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	05-08-89	5.00
Ethane, chloro-	ppb	Below Det.	05-08-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	05-08-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	05-08-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	05-08-89	.40
Ethane, 1,1,2trichloro	ppb	Below Det.	05-08-89	5.00
Ethane, tetrachloro(1122)	ppb	Below Det.	05-08-89	5.00
Ethylene, 1,1 dichloro	ppb	Below Det.	05-08-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	05-08-89	.70
Ethylene, trichloro	ppb	Below Det.	05-08-89	.60
Ethylene, tetrachloro	ppb	Below Det.	05-08-89	1.20
Propane, 1,2 dichloro	ppb	Below Det.	05-08-89	5.00
Propane, 1,3 dichloro	ppb	Below Det.	05-08-89	5.00
Ethylene, chloro	ppb	Below Det.	05-08-89	5.00
Cyclohexane	ppb	Below Det.	05-08-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	05-08-89	1.70
Benzene	ppb	Below Det.	05-08-89	.50
Benzene, ethyl	ppb	Below Det.	05-08-89	1.10
Toluene	ppb	Below Det.	05-08-89	1.70
Xylene meta isomer	ppb	Below Det.	05-08-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	05-08-89	1.20
Styrene	ppb	Below Det.	05-08-89	.90

SAMPLE NUMBER 121945 CONTINUED
WATER

Benzene, chloro	ppb	Below Det.	05-08-89	1.00
Benzene(s), dichloro	ppb	Below Det.	05-08-89	9.60
Acetone	ppb	Below Det.	05-08-89	50.70
Tetrahydrofuran	ppb	Below Det.	05-08-89	36.30
Ether, diethyl	ppb	Below Det.	05-08-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	05-08-89	27.70
Ketone, isobutyl ketone	ppb	Below Det.	05-08-89	4.36
Camphor	ppb	Below Det.	05-08-89	66.20
Methane, trichlorofluoro	ppb	Below Det.	05-08-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	05-08-89	1.40
Methane, chloro fluoro	ppb	Below Det.	05-08-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	05-08-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	05-08-89	5.00
Propene 1,3 dimethyl t	ppb	Below Det.	05-08-89	5.00

Lab Comments

CASHMAN

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

05-15-89,14:30

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 121939

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = J.N.D.

DATE SAMPLED = 04-20-89,10:15
DATE LOGGED IN = 04-20-89,14:56
DATE COMPLETED = 05-08-89

OWNERS NAME = MCLAUGHLIN
ADDRESS = 40 BLUEBERRY HILL RD.
CITY OR TOWN = RAYMOND

MATRIX = WATER
WATER

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	05-08-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	05-08-89	5.00
Methane, tribromo-	ppb	Below Det.	05-08-89	5.00
Methane, trichloro-	ppb	Below Det.	05-08-89	.50
Methane, tetrachloro-	ppb	Below Det.	05-08-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	05-08-89	5.00
Ethane, chloro-	ppb	Below Det.	05-08-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	05-08-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	05-08-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	05-08-89	.40
Ethane, 1,1,2trichloro	ppb	Below Det.	05-08-89	5.00
Ethane, tetrachloro(1122)	ppb	Below Det.	05-08-89	5.00
Ethylene, 1,1 dichloro	ppb	Below Det.	05-08-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	05-08-89	.70
Ethylene, trichloro	ppb	Below Det.	05-08-89	.60
Ethylene, tetrachloro	ppb	Below Det.	05-08-89	1.20
Propane, 1,2 dichloro	ppb	Below Det.	05-08-89	5.00
Propane, 1,3 dichloro	ppb	Below Det.	05-08-89	5.00
Ethylene, chloro	ppb	Below Det.	05-08-89	5.00
Cyclohexane	ppb	Below Det.	05-08-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	05-08-89	1.70
Benzene	ppb	Below Det.	05-08-89	.50
Benzene, ethyl	ppb	Below Det.	05-08-89	1.10
Toluene	ppb	Below Det.	05-08-89	1.70
Xylene meta isomer	ppb	Below Det.	05-08-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	05-08-89	1.20
Styrene	ppb	Below Det.	05-08-89	.90

SAMPLE NUMBER 121939 CONTINUED
WATER

Benzene, chloro	ppb	Below Det.	05-08-89	1.00
Benzene(s), dichloro	ppb	Below Det.	05-08-89	9.60
Acetone	ppb	Below Det.	05-08-89	50.70
Tetrahydrofuran	ppb	Below Det.	05-08-89	36.30
Ether, diethyl	ppb	Below Det.	05-08-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	05-08-89	27.70
Ketone, isobutyl ketone	ppb	Below Det.	05-08-89	4.36
Camphor	ppb	Below Det.	05-08-89	66.20
Methane, trichlorofluoro	ppb	Below Det.	05-08-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	05-08-89	1.40
Methane, chloro fluoro	ppb	Below Det.	05-08-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	05-08-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	05-08-89	5.00
Propene 1,3 dimethyl t	ppb	Below Det.	05-08-89	5.00

Lab Comments

MCLAUGHLIN

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

05-15-89,14:17

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 121940

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = J.N.D.

DATE SAMPLED = 04-20-89,10:35
DATE LOGGED IN = 04-20-89,15:02
DATE COMPLETED = 05-08-89

OWNERS NAME = SULIVAN
ADDRESS = 24 BLUEBERRY HILL RD.
CITY OR TOWN = RAYMOND

MATRIX = WATER
WATER

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	05-08-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	05-08-89	5.00
Methane, tribromo-	ppb	Below Det.	05-08-89	5.00
Methane, trichloro-	ppb	Below Det.	05-08-89	.50
Methane, tetrachloro-	ppb	Below Det.	05-08-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	05-08-89	5.00
Ethane, chloro-	ppb	Below Det.	05-08-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	05-08-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	05-08-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	05-08-89	.40
Ethane, 1,1,2trichloro	ppb	Below Det.	05-08-89	5.00
Ethane, tetrachloro(1122)	ppb	Below Det.	05-08-89	5.00
Ethylene, 1,1 dichloro	ppb	Below Det.	05-08-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	05-08-89	.70
Ethylene, trichloro	ppb	Below Det.	05-08-89	.60
Ethylene, tetrachloro	ppb	Below Det.	05-08-89	1.20
Propane, 1,2 dichloro	ppb	Below Det.	05-08-89	5.00
Propane, 1,3 dichloro	ppb	Below Det.	05-08-89	5.00
Ethylene, chloro	ppb	Below Det.	05-08-89	5.00
Cyclohexane	ppb	Below Det.	05-08-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	05-08-89	1.70
Benzene	ppb	Below Det.	05-08-89	.50
Benzene, ethyl	ppb	Below Det.	05-08-89	1.10
Toluene	ppb	Below Det.	05-08-89	1.70
Xylene meta isomer	ppb	Below Det.	05-08-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	05-08-89	1.20
Styrene	ppb	Below Det.	05-08-89	.90

SAMPLE NUMBER 121940 CONTINUED
WATER

Benzene, chloro	ppb	Below Det.	05-08-89	1.00
Benzene(s), dichloro	ppb	Below Det.	05-08-89	9.60
Acetone	ppb	Below Det.	05-08-89	50.70
Tetrahydrofuran	ppb	Below Det.	05-08-89	36.30
Ether, diethyl	ppb	Below Det.	05-08-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	05-08-89	27.70
Ketone, isobutyl ketone	ppb	Below Det.	05-08-89	4.36
Camphor	ppb	Below Det.	05-08-89	66.20
Methane, trichlorofluoro	ppb	Below Det.	05-08-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	05-08-89	1.40
Methane, chloro fluoro	ppb	Below Det.	05-08-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	05-08-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	05-08-89	5.00
Propene 1,3 dimethyl t	ppb	Below Det.	05-08-89	5.00

Lab Comments

SULLIVAN

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

05-15-89,14:19

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
WATER SUPPLY & POLLUTION CONTROL DIVISION
6 Hazen Drive, P.O. Box 95, Concord, NH 03301
603-271-3504

ALDEN H. HOWARD
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DAVID G. SCOTT
JAMES VAROTSIS
WILLIAM J. WALLACE, M.D., M.P.H.

CHAIN OF CUSTODY

Site/Location/Code: 021.04

Date Samples Collected: 4/20/89 Date Sample Received: 4/20/89

	Sample Number	Description
a.	121939	McLaughlin (VOC)
b.	121940	Sulivan (VOC)
c.	121941	John Cadoret (VOC)
d.	121942	Sensale (VOC)
e.	121943	Dawson (VOC)
f.	121944	Scuto (VOC)
g.	121945	Cashman (VOC)
h.	121946	Carleton (VOC)
i.	121947	James Cadoret (VOC)
j.	121949	Berube (VOC)

over →

Persons(s) and Division Relinquishing Samples: Joe Donovan

Person(s)/ Lab Receiving Samples: Patricia Bedford

Date Samples Analyzed: 5-1-89

Analyst(s): Ellen M. Eckerson

Notebook and/or Reference Number:

Additional Comments:

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
WATER SUPPLY & POLLUTION CONTROL DIVISION
6 Hazen Drive, P.O. Box 95, Concord, NH 03301
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WAYNE E. PATENAUDE
DAVID G. SCOTT
JAMES VAROTSIS
WILLIAM F. WALLACE, M.D., M.P.H.

CHAIN OF CUSTODY

Site/Location/Code: 021.04

Date Samples Collected: 4/21/89 Date Sample Received: 4/21/89

	Sample Number	Description
a.	122011	Mc Dermott
b.	122012	Stracke
c.	122013	Iverson
d.	122014	Wilkinson
e.	122015	Stilings
f.	122016	Fernalds
g.	122017	Robinson
h.	122018	Trip Blank
i.		
j.		

Persons(s) and Division Relinquishing Samples:
Joseph M. Donovan

Person(s)/ Lab Receiving Samples:
[illegible] 4-21-89

Date Samples Analyzed: 5-4-89

Analyst(s): Ellen M. Eckerson

Notebook and/or Reference Number:

Additional Comments:

State of New Hampshire

DEPARTMENT OF ENVIRONMENTAL SERVICES

WATER SUPPLY & POLLUTION CONTROL DIVISION

6 Hazen Drive, P.O. Box 95, Concord, NH 03301

603-271-3504

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WAYNE L. PATENAUDE
DAVID G. SCOTT
JAMES VAROUSIS
WILLIAM F. WALLACE, M.D., M.P.H.

CHAIN OF CUSTODY

Site/Location/Code: Potollo 021.04 / BCC 045.07

Date Samples Collected: 4/24/89

Date Sample Received: 4/24/89

Sample Number	Description
a. 122087	Potollo Site CODEKERK well
b. 122088	TRIP BLANK
c. 122089	BCC AIR STRIPPER INFLUENT
d. 122090	BCC AIR STRIPPER INFLUENT (DUP)
e. 122091	BCC BOUCHER SHALLOW well
f. 122092	BCC BOUCHER SHALLOW well (DUP)
g. 122093	BCC Pawlowski shallow well
h. 122094	BCC Pawlowski shallow well (DUP)
i.	
j.	

Persons(s) and Division Relinquishing Samples: Joseph Mitrowicz

Person(s)/ Lab Receiving Samples: Barbara McKay 4-24-89

Date Samples Analyzed: 5/5/89

Analyst(s): Patricia Bickford.

Notebook and/or Reference Number:

Additional Comments:

RECEIVED JUN 0 6 1989

STATE OF NEW HAMPSHIRE
DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH SERVICES

William T. Wallace, Jr., M.D., M.P.H.
Director
Division of Public Health Services

Health & Welfare Bldg.
6 Hazen Drive
Concord, NH 03301-6527
Tel. (603) 271-

June 2, 1989

Mr. Kent Wilkinson
Jennifer Lane
Raymond, NH 03077

Dear Mr. Wilkinson:

The Division of Public Health Services Bureau of Health Risk Assessment (DPHS) has reviewed the results of the recent test conducted on your water supply well by the Department of Environmental Services. The test results reported to us were as follows:

Date of Sampling	Chemical	Concentration* micrograms/liter (ug/L)
April 21, 1989	Trichloromethane	1.44

* ug/L = parts per billion (ppb)

In order to help you understand the possible adverse health effects resulting from exposure to trichloromethane, the DPHS has prepared and enclosed a health information summary for trihalomethanes, the class of chemicals to which trichloromethane belongs.

In the assessment of health risks associated with chemical exposure there are a number of sources of significant uncertainty. For example, much of the data we have are obtained from animal experimentation which may not be directly comparable to actual human exposure. Further, in the few instances where we do have data on human exposure, it is often the result of short-term high-level exposure such as in an industrial accident or other occupational exposure. While we do not commonly have data from long-term low dose exposures, such as would be seen in residential contamination by hazardous chemicals, we often make recommendations by scientific estimate based on data

from animal studies and short-term high-level human exposure. In addition, when humans are exposed to more than one toxic chemical simultaneously, health effects may differ from those found by experiment or in incidences of single chemical exposure.

Health Evaluation

Of concern to the DPHS is the detection of trichloromethane at a level of 1.44 ppb in your water supply on April 21, 1989. The U.S. EPA considers trichloromethane (chloroform) to be a probable human carcinogen (cancer-causing agent). The U.S. EPA has established a Maximum Contaminant Level (MCL) of 100 ppb for total trihalomethanes in municipal water supplies. Trihalomethanes may be formed during the chlorination of water supplies for disinfection purposes. In establishing the MCL, federal and state regulatory agencies have balanced the benefit of chlorination to reduce the risk of infectious disease transmission against the possible health risks of exposure to trihalomethanes.

Unless you have intentionally chlorinated your well for disinfection purposes, the DPHS considers oral exposure above 6.0 ppb to represent an unnecessary health risk. Exposure to trichloromethane can also potentially occur during bathing or showering by inhalation of vapors or by penetration through the skin.

Recommendations

The concentration of trichloromethane in your water supply is currently below both the federal drinking water standard (MCL) of 100 ppb and the DPHS health criteria of 6.0 ppb. However, concentrations of a contaminant in water may fluctuate over time. Therefore, the DPHS is concerned that if your water supply is not tested frequently, any increase in a contaminant level may go unnoticed, exposing you to an undue risk. Based upon the above considerations, the DPHS makes the following recommendations.

1. That no restrictions on water usage are currently necessary;

2. That periodic retesting of this water supply be conducted in order to monitor any change in contaminants such as trichloromethane. A list of New Hampshire certified commercial water testing laboratories is enclosed for your convenience. The DPHS would be glad to review any future water test data you may receive.

Please understand that our recommendations are based on the latest available scientific research and that scientific investigations regarding adverse health effects from exposure to toxic chemicals are continuing. The basis for our recommendations is subject to a continual review of new scientific data and therefore may change in the future as new information about toxic chemicals becomes available.

You or your family may wish to share this information with your physician. Should you or your physician have any questions regarding possible health hazards from exposure to trichloromethane, please feel free to contact me or John Dreisig at 271-4664.

Sincerely,

Amy Juchatz

Amy Juchatz, MPH
Toxicologist
NH Division of Public Health Services

AJ/bw/2529s
enc. Health information summary for trihalomethanes
Glossary
List of water testing laboratories
cc: Richard Beck - Sagharbor Dev., Inc., Auburn, NH
G. Dana Bisbee, Esq. - NH AGO
Daniel Coughlin - U.S. EPA
Paul Currier - DES-WSPCD
DES - WMD
Michael Robinette
Joseph Donovan
Richard Mailhot - Raymond Health Officer
Raymond Board of Selectmen - Attn: Dana Kingston, Administrative Assistant
Tim Stone - Balsam Environmental Consultants

RECEIVED MAY 30 1989

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
WASTE MANAGEMENT DIVISION
6 Hazen Drive, Concord, NH 03301-6509
603-271-2900

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LORRAINE SANDER
T. TAYLOR EIGHMY, Ph.D.

May 26, 1989

Mr. Kent Wilkinson
Jennifer Lane
Raymond, NH 03077

Re: Water Quality Analysis, Sample # 108002

Dear Mr. Wilkinson:

On April 21, 1989, a representative of the New Hampshire Department of Environmental Services collected a sample from your water supply well. The sample was collected as part of the Department's effort to monitor the water quality of residential wells in the area of the Mottolo Hazardous Waste Site.

The sample was analyzed for the presence of volatile organic compounds using a Gas Chromatograph/Mass Spectrometer. The results of the analyses are:

Date	Sample	Results (parts per billion)
4/21/89	122014	Trichloromethane 1.44 ppb

The results have been forwarded to the Division of Public Health Services for their review in preparing a health risk assessment including any restrictions on the use of the well water.

In the meantime, please contact myself or Joseph Donovan of this office at (603)271-2908 should you have any questions.

Sincerely,

Michael J. Robinette

Michael J. Robinette, P.G.
Supervisor, Pre-Remedial Section

MJR/jd/05930
cc: Michael J. Robinette, P.G., DES-WMEB
Daniel Coughlin, USEPA
Paul Currier, P.E., DES-WSPCD
Dana Kingston, Administrative Assistant, Raymond, NH
G. Dana Bisbee, Esq., NHAGO
Richard Beck, Sagharbor Dev., Inc., Auburn, NH
Amy Juchatz, DPHS
Tim Stone, Balsam Environmental Consultants
Richard Mailhot, Health Officer, Raymond, NH

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MICHAEL A. SILLS, Ph.D., P.E.
CHIEF ENGINEER

May 25, 1989

Mr. Oudekerk
1 Huckleberry Rd.
Raymond, NH 03077

Re: Water Quality Analysis, Sample #122087

Dear Mr. Oudekerk:

On 4/24/89, a representative of the Department of Environmental Services, Waste Management Division, collected a sample from your water supply well. The sample was collected as part of the Division's efforts to monitor the water quality in the vicinity of the Mottolo Hazardous Waste Site.

The sample was analyzed for the presence of volatile organic compounds using a Gas Chromatograph/Mass Spectrometer. The results of the analysis indicated that no volatile organic compounds were detected in your well. This test, which analyzed for specific compounds associated with the Mottolo hazardous Waste Site, is only one measure which may be used to evaluate the quality of your water supply.

Please contact myself or Carl W. Baxter, P.E. at 271-2908 should you have any questions.

Sincerely,

Joseph N. Donovan

Joseph N. Donovan,
Environmentalist III

JND/jd/05920
cc: Michael J. Robinette, P.G., DES-WMEB
Daniel Coughlin, USEPA
Paul Currier, P.E., DES-WSPCD
Dana Kingston, Administrative Assistant, Raymond, NH
G. Dana Bisbee, Esq., NHAGO
Richard Beck, Sagharbor Dev. Inc., Auburn, NH
Jim Stone, Balsam Environmental Consultants

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LORRAINE SANDER
T. TAYLOR EIGHMY, Ph.D.

May 25, 1989

Mr. William Robinson
6 Jennifer Lane
Raymond, NH 03077

Re: Water Quality Analysis, Sample #122017

Dear Mr. Robinson:

On 4/21/89, a representative of the Department of Environmental Services, Waste Management Division, collected a sample from your water supply well. The sample was collected as part of the Division's efforts to monitor the water quality in the vicinity of the Mottolo Hazardous Waste Site.

The sample was analyzed for the presence of volatile organic compounds using a Gas Chromatograph/Mass Spectrometer. The results of the analysis indicated that no volatile organic compounds were detected in your well. This test, which analyzed for specific compounds associated with the Mottolo hazardous Waste Site, is only one measure which may be used to evaluate the quality of your water supply.

Please contact myself or Carl W. Baxter, P.E. at 271-2908 should you have any questions.

Sincerely,

Joseph N. Donovan

Joseph N. Donovan,
Environmentalist III

JND/jd/05920
cc: Michael J. Robinette, P.G., DES-WMEB
Daniel Coughlin, USEPA
Paul Currier, P.E., DES-WSPCD
Dana Kingston, Administrative Assistant, Raymond, NH
G. Dana Bisbee, Esq., NHAGO
Richard Beck, Sagharbor Dev. Inc., Auburn, NH
Tim Stone, Balsam Environmental Consultants

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JOHN OSGOOD
LORRAINE SANDER
T. TAYLOR EIGHMY, Ph.D.

May 25, 1989

Ms. Virginia Fernalds
16 Jennifer Lane
Raymond, NH 03077

Re: Water Quality Analysis, Sample #122016

Dear Ms. Fernalds:

On 4/21/89, a representative of the Department of Environmental Services, Waste Management Division, collected a sample from your water supply well. The sample was collected as part of the Division's efforts to monitor the water quality in the vicinity of the Mottolo Hazardous Waste Site.

The sample was analyzed for the presence of volatile organic compounds using a Gas Chromatograph/Mass Spectrometer. The results of the analysis indicated that no volatile organic compounds were detected in your well. This test, which analyzed for specific compounds associated with the Mottolo hazardous Waste Site, is only one measure which may be used to evaluate the quality of your water supply.

Please contact myself or Carl W. Baxter, P.E. at 271-2908 should you have any questions.

Sincerely,

Joseph N. Donovan

Joseph N. Donovan,
Environmentalist III

JND/jd/05920
cc: Michael J. Robinette, P.G., DES-WMEB
Daniel Coughlin, USEPA
Paul Currier, P.E., DES-WSPCD
Dana Kingston, Administrative Assistant, Raymond, NH
G. Dana Bisbee, Esq., NHAGO
Richard Beck, Sagharbor Dev. Inc., Auburn, NH
Tim Stone, Balsam Environmental Consultants

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JOHN OSGOOD
LORRAINE SANDER
T. TAYLOR EIGHMY, Ph.D.

May 25, 1989

Mr. Michael Stilings
18 Jennifer Lane
Raymond, NH 03077

Re: Water Quality Analysis, Sample #122015

Dear Mr. Stilings:

On 4/21/89, a representative of the Department of Environmental Services, Waste Management Division, collected a sample from your water supply well. The sample was collected as part of the Division's efforts to monitor the water quality in the vicinity of the Mottolo Hazardous Waste Site.

The sample was analyzed for the presence of volatile organic compounds using a Gas Chromatograph/Mass Spectrometer. The results of the analysis indicated that no volatile organic compounds were detected in your well. This test, which analyzed for specific compounds associated with the Mottolo hazardous Waste Site, is only one measure which may be used to evaluate the quality of your water supply.

Please contact myself or Carl W. Baxter, P.E. at 271-2908 should you have any questions.

Sincerely,

Joseph N. Donovan

Joseph N. Donovan,
Environmentalist III

JND/jd/05920
cc: Michael J. Robinette, P.G., DES-WMEB
Daniel Coughlin, USEPA
Paul Currier, P.E., DES-WSPCD
Dana Kingston, Administrative Assistant, Raymond, NH
G. Dana Bisbee, Esq., NHAGO
Richard Beck, Saqharbor Dev. Inc., Auburn, NH
Tim Stone, Balsam Environmental Consultants

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JOHN OSGOOD
LORRAINE SANDER
T. TAYLOR EIGHMY, Ph.D.

May 25, 1989

Mr. Dana Iverson
7 Jennifer Lane
Raymond, NH 03077

Re: Water Quality Analysis, Sample #122013

Dear Mr. Iverson:

On 4/21/89, a representative of the Department of Environmental Services, Waste Management Division, collected a sample from your water supply well. The sample was collected as part of the Division's efforts to monitor the water quality in the vicinity of the Mottolo Hazardous Waste Site.

The sample was analyzed for the presence of volatile organic compounds using a Gas Chromatograph/Mass Spectrometer. The results of the analysis indicated that no volatile organic compounds were detected in your well. This test, which analyzed for specific compounds associated with the Mottolo hazardous Waste Site, is only one measure which may be used to evaluate the quality of your water supply.

Please contact myself or Carl W. Baxter, P.E. at 271-2908 should you have any questions.

Sincerely,

Joseph N. Donovan

Joseph N. Donovan,
Environmentalist III

JND/jd/05920
cc: Michael J. Robinette, P.G., DES-WMEB
Daniel Coughlin, USEPA
Paul Currier, P.E., DES-WSPCD
Dana Kingston, Administrative Assistant, Raymond, NH
G. Dana Bisbee, Esq., NHAGO
Richard Beck, Sagharbor Dev. Inc., Auburn, NH
Tim Stone, Balsam Environmental Consultants

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LORRAINE SANDER
T. TAYLOR EIGHMY, Ph.D.

May 25, 1989

Mr. Stracke
14 Blueberry Hill Road
Raymond, NH 03077

Re: Water Quality Analysis, Sample #122012

Dear Mr. Stracke:

On 4/21/89, a representative of the Department of Environmental Services, Waste Management Division, collected a sample from your water supply well. The sample was collected as part of the Division's efforts to monitor the water quality in the vicinity of the Mottolo Hazardous Waste Site.

The sample was analyzed for the presence of volatile organic compounds using a Gas Chromatograph/Mass Spectrometer. The results of the analysis indicated that no volatile organic compounds were detected in your well. This test, which analyzed for specific compounds associated with the Mottolo hazardous Waste Site, is only one measure which may be used to evaluate the quality of your water supply.

Please contact myself or Carl W. Baxter, P.E. at 271-2908 should you have any questions.

Sincerely,

Joseph N. Donovan

Joseph N. Donovan,
Environmentalist III

JND/jd/05920
cc: Michael J. Robinette, P.G., DES-WMEB
Daniel Coughlin, USEPA
Paul Currier, P.E., DES-WSPCD
Dana Kingston, Administrative Assistant, Raymond, NH
G. Dana Bisbee, Esq., NHAGO
Richard Beck, Sagharbor Dev. Inc., Auburn, NH
Tim Stone, Balsam Environmental Consultants

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JOHN OSGOOD
LORRAINE SANDER
T. TAYLOR EIGHMY, Ph.D.

May 25, 1989

Mr. James McDermott
12 Blueberry Hill Road
Raymond, NH 03077

Re: Water Quality Analysis, Sample #122011

Dear Mr. McDermott:

On 4/21/89, a representative of the Department of Environmental Services, Waste Management Division, collected a sample from your water supply well. The sample was collected as part of the Division's efforts to monitor the water quality in the vicinity of the Mottolo Hazardous Waste Site.

The sample was analyzed for the presence of volatile organic compounds using a Gas Chromatograph/Mass Spectrometer. The results of the analysis indicated that no volatile organic compounds were detected in your well. This test, which analyzed for specific compounds associated with the Mottolo hazardous Waste Site, is only one measure which may be used to evaluate the quality of your water supply.

Please contact myself or Carl W. Baxter, P.E. at 271-2908 should you have any questions.

Sincerely,

Joseph N. Donovan

Joseph N. Donovan,
Environmentalist III

JND/jd/05920
cc: Michael J. Robinette, P.G., DES-WMEB
Daniel Coughlin, USEPA
Paul Currier, P.E., DES-WSPCD
Dana Kingston, Administrative Assistant, Raymond, NH
G. Dana Bisbee, Esq., NHAGO
Richard Beck, Sagharbor Dev. Inc., Auburn, NH
Tim Stone, Balsam Environmental Consultants

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JOHN OSGOOD
LORRAINE SANDER
T. TAYLOR EIGHMY, Ph.D.

May 25, 1989

Mr. Sid Vallet
18 Blueberry Hill Road
Raymond, NH 03077

Re: Water Quality Analysis, Sample #121951

Dear Mr. Vallet:

On 4/20/89, a representative of the Department of Environmental Services, Waste Management Division, collected a sample from your water supply well. The sample was collected as part of the Division's efforts to monitor the water quality in the vicinity of the Mottolo Hazardous Waste Site.

The sample was analyzed for the presence of volatile organic compounds using a Gas Chromatograph/Mass Spectrometer. The results of the analysis indicated that no volatile organic compounds were detected in your well. This test, which analyzed for specific compounds associated with the Mottolo hazardous Waste Site, is only one measure which may be used to evaluate the quality of your water supply.

Please contact myself or Carl W. Baxter, P.E. at 271-2908 should you have any questions.

Sincerely,

Joseph N. Donovan

Joseph N. Donovan,
Environmentalist III

JND/jd/05920
cc: Michael J. Robinette, P.G., DES-WMEB
Daniel Coughlin, USEPA
Paul Currier, P.E., DES-WSPCD
Dana Kingston, Administrative Assistant, Raymond, NH
G. Dana Bisbee, Esq., NHAGO
Richard Beck, Sagharbor Dev. Inc., Auburn, NH
Tim Stone, Balsam Environmental Consultants

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JOHN OSGOOD
LORRAINE SANDER
T. TAYLOR EIGHMY, Ph.D.

May 25, 1989

Mr. Emery Graves
10 Huckleberry Road
Raymond, NH 03077

Re: Water Quality Analysis, Sample #121950

Dear Mr. Graves:

On 4/20/89, a representative of the Department of Environmental Services, Waste Management Division, collected a sample from your water supply well. The sample was collected as part of the Division's efforts to monitor the water quality in the vicinity of the Mottolo Hazardous Waste Site.

The sample was analyzed for the presence of volatile organic compounds using a Gas Chromatograph/Mass Spectrometer. The results of the analysis indicated that no volatile organic compounds were detected in your well. This test, which analyzed for specific compounds associated with the Mottolo hazardous Waste Site, is only one measure which may be used to evaluate the quality of your water supply.

Please contact myself or Carl W. Baxter, P.E. at 271-2908 should you have any questions.

Sincerely,

Joseph N. Donovan

Joseph N. Donovan,
Environmentalist III

JND/jd/05920
cc: Michael J. Robinette, P.G., DES-WMEB
Daniel Coughlin, USEPA
Paul Currier, P.E., DES-WSPCD
Dana Kingston, Administrative Assistant, Raymond, NH
G. Dana Bisbee, Esq., NHAGO
Richard Beck, Sagharbor Dev. Inc., Auburn, NH
Tim Stone, Balsam Environmental Consultants

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JOHN OSGOOD
LORRAINE SANDER
T. TAYLOR EIGHMY, Ph.D.

May 25, 1989

Mr. Russell Berube
7 Huckleberry Road
Raymond, NH 03077

Re: Water Quality Analysis, Sample #121948

Dear Mr. Berube:

On 4/20/89, a representative of the Department of Environmental Services, Waste Management Division, collected a sample from your water supply well. The sample was collected as part of the Division's efforts to monitor the water quality in the vicinity of the Mottolo Hazardous Waste Site.

The sample was analyzed for the presence of volatile organic compounds using a Gas Chromatograph/Mass Spectrometer. The results of the analysis indicated that no volatile organic compounds were detected in your well. This test, which analyzed for specific compounds associated with the Mottolo hazardous Waste Site, is only one measure which may be used to evaluate the quality of your water supply.

Please contact myself or Carl W. Baxter, P.E. at 271-2908 should you have any questions.

Sincerely,

Joseph N. Donovan

Joseph N. Donovan,
Environmentalist III

JND/jd/05920
cc: Michael J. Robinette, P.G., DES-WMEB
Daniel Coughlin, USEPA
Paul Currier, P.E., DES-WSPCD
Dana Kingston, Administrative Assistant, Raymond, NH
G. Dana Bisbee, Esq., NHAGO
Richard Beck, Sagharbor Dev. Inc., Auburn, NH
Tim Stone, Balsam Environmental Consultants

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JOHN OSGOOD
LORRAINE SANDER
T. TAYLOR EIGHMY, Ph.D.

May 25, 1989

Mr. James Cadoret
5 Huckleberry Road
Raymond, NH 03077

Re: Water Quality Analysis, Sample #121947

Dear Mr. Cadoret:

On 4/20/89, a representative of the Department of Environmental Services, Waste Management Division, collected a sample from your water supply well. The sample was collected as part of the Division's efforts to monitor the water quality in the vicinity of the Mottolo Hazardous Waste Site.

The sample was analyzed for the presence of volatile organic compounds using a Gas Chromatograph/Mass Spectrometer. The results of the analysis indicated that no volatile organic compounds were detected in your well. This test, which analyzed for specific compounds associated with the Mottolo hazardous Waste Site, is only one measure which may be used to evaluate the quality of your water supply.

Please contact myself or Carl W. Baxter, P.E. at 271-2908 should you have any questions.

Sincerely,

Joseph N. Donovan

Joseph N. Donovan,
Environmentalist III

JND/jd/05920
cc: Michael J. Robinette, P.G., DES-WMEB
Daniel Coughlin, USEPA
Paul Currier, P.E., DES-WSPCD
Dana Kingston, Administrative Assistant, Raymond, NH
G. Dana Bisbee, Esq., NHAGO
Richard Beck, Sagharbor Dev. Inc., Auburn, NH
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FREDERICK MCGARRY
JOHN OSGOOD
LORRAINE SANDER
T. TAYLOR EIGHMY, Ph.D.

May 25, 1989

Mr. Leonard Carleton
4 Blackberry Road
Raymond, NH 03077

Re: Water Quality Analysis, Sample #121946

Dear Mr. Carleton:

On 4/20/89, a representative of the Department of Environmental Services, Waste Management Division, collected a sample from your water supply well. The sample was collected as part of the Division's efforts to monitor the water quality in the vicinity of the Mottolo Hazardous Waste Site.

The sample was analyzed for the presence of volatile organic compounds using a Gas Chromatograph/Mass Spectrometer. The results of the analysis indicated that no volatile organic compounds were detected in your well. This test, which analyzed for specific compounds associated with the Mottolo hazardous Waste Site, is only one measure which may be used to evaluate the quality of your water supply.

Please contact myself or Carl W. Baxter, P.E. at 271-2908 should you have any questions.

Sincerely,

Joseph N. Donovan

Joseph N. Donovan,
Environmentalist III

JND/jd/05920
cc: Michael J. Robinette, P.G., DES-WMEB
Daniel Coughlin, USEPA
Paul Currier, P.E., DES-WSPCD
Dana Kingston, Administrative Assistant, Raymond, NH
G. Dana Bisbee, Esq., NHAGO
Richard Beck, Sagharbor Dev. Inc., Auburn, NH
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PHILIP MACALLISTER
FREDERICK MCGARRY
JOHN OSGOOD
LORRAINE SANDER
T. TAYLOR EIGHMY, Ph.D.

May 25, 1989

Mr. Cashman
12 Blackberry Road
Raymond, NH 03077

Re: Water Quality Analysis, Sample #121945

Dear Mr. Cashman:

On 4/20/89, a representative of the Department of Environmental Services, Waste Management Division, collected a sample from your water supply well. The sample was collected as part of the Division's efforts to monitor the water quality in the vicinity of the Mottolo Hazardous Waste Site.

The sample was analyzed for the presence of volatile organic compounds using a Gas Chromatograph/Mass Spectrometer. The results of the analysis indicated that no volatile organic compounds were detected in your well. This test, which analyzed for specific compounds associated with the Mottolo hazardous Waste Site, is only one measure which may be used to evaluate the quality of your water supply.

Please contact myself or Carl W. Baxter, P.E. at 271-2908 should you have any questions.

Sincerely,

Joseph N. Donovan

Joseph N. Donovan,
Environmentalist III

JND/jd/05920
cc: Michael J. Robinette, P.G., DES-WMEB
Daniel Coughlin, USEPA
Paul Currier, P.E., DES-WSPCD
Dana Kingston, Administrative Assistant, Raymond, NH
G. Dana Bisbee, Esq., NHAGO
Richard Beck, Sagharbor Dev. Inc., Auburn, NH
Tim Stone, Balsam Environmental Consultants

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
WASTE MANAGEMENT DIVISION
6 Hazen Drive, Concord, NH 03301-6509
603-271-2900

ALDEN H. HOWARD, P.E.
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JOHN OSGOOD
LORRAINE SANDER
T. TAYLOR EIGHMY, Ph.D.

May 25, 1989

Mr. John Scuto
7 Blake Road
Raymond, NH 03077

Re: Water Quality Analysis, Sample #121944

Dear Mr. Scuto:

On 4/20/89, a representative of the Department of Environmental Services, Waste Management Division, collected a sample from your water supply well. The sample was collected as part of the Division's efforts to monitor the water quality in the vicinity of the Mottolo Hazardous Waste Site.

The sample was analyzed for the presence of volatile organic compounds using a Gas Chromatograph/Mass Spectrometer. The results of the analysis indicated that no volatile organic compounds were detected in your well. This test, which analyzed for specific compounds associated with the Mottolo hazardous Waste Site, is only one measure which may be used to evaluate the quality of your water supply.

Please contact myself or Carl W. Baxter, P.E. at 271-2908 should you have any questions.

Sincerely,

Joseph N. Donovan

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JND/jd/05920
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JOHN OSGOOD
LORRAINE SANDER
T. TAYLOR EIGHMY, Ph.D.

May 25, 1989

Mr. Dawson
10 Blake Road
Raymond, NH 03077

Re: Water Quality Analysis, Sample #121943

Dear Mr. Dawson:

On 4/20/89, a representative of the Department of Environmental Services, Waste Management Division, collected a sample from your water supply well. The sample was collected as part of the Division's efforts to monitor the water quality in the vicinity of the Mottolo Hazardous Waste Site.

The sample was analyzed for the presence of volatile organic compounds using a Gas Chromatograph/Mass Spectrometer. The results of the analysis indicated that no volatile organic compounds were detected in your well. This test, which analyzed for specific compounds associated with the Mottolo hazardous Waste Site, is only one measure which may be used to evaluate the quality of your water supply.

Please contact myself or Carl W. Baxter, P.E. at 271-2908 should you have any questions.

Sincerely,

Joseph N. Donovan

Joseph N. Donovan,
Environmentalist III

JND/jd/05920
cc: Michael J. Robinette, P.G., DES-WMEB
Daniel Coughlin, USEPA
Paul Currier, P.E., DES-WSPCD
Dana Kingston, Administrative Assistant, Raymond, NH
G. Dana Bisbee, Esq., NHAGO
Richard Beck, Sagharbor Dev. Inc., Auburn, NH
Tim Stone, Balsam Environmental Consultants

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FREDERICK MCGARRY
JOHN OSGOOD
LORRAINE SANDER
T. TAYLOR EIGHMY, Ph.D.

May 25, 1989

Mr. Robert Sensale
15 Huckleberry Road
Raymond, NH 03077

Re: Water Quality Analysis, Sample #121941

Dear Mr. Sensale:

On 4/20/89, a representative of the Department of Environmental Services, Waste Management Division, collected a sample from your water supply well. The sample was collected as part of the Division's efforts to monitor the water quality in the vicinity of the Mottolo Hazardous Waste Site.

The sample was analyzed for the presence of volatile organic compounds using a Gas Chromatograph/Mass Spectrometer. The results of the analysis indicated that no volatile organic compounds were detected in your well. This test, which analyzed for specific compounds associated with the Mottolo hazardous Waste Site, is only one measure which may be used to evaluate the quality of your water supply.

Please contact myself or Carl W. Baxter, P.E. at 271-2908 should you have any questions.

Sincerely,

Joseph N. Donovan

Joseph N. Donovan,
Environmentalist III

JND/jd/05920
cc: Michael J. Robinette, P.G., DES-WMEB
Daniel Coughlin, USEPA
Paul Currier, P.E., DES-WSPCD
Dana Kingston, Administrative Assistant, Raymond, NH
G. Dana Bisbee, Esq., NHAGO
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JOHN OSGOOD
LORRAINE SANDER
T. TAYLOR EIGHMY, Ph.D.

May 25, 1989

Mr. John Cadoret
3 Randy Lane
Raymond, NH 03077

Re: Water Quality Analysis, Sample #121941

Dear Mr. Cadoret:

On 4/20/89, a representative of the Department of Environmental Services, Waste Management Division, collected a sample from your water supply well. The sample was collected as part of the Division's efforts to monitor the water quality in the vicinity of the Mottolo Hazardous Waste Site.

The sample was analyzed for the presence of volatile organic compounds using a Gas Chromatograph/Mass Spectrometer. The results of the analysis indicated that no volatile organic compounds were detected in your well. This test, which analyzed for specific compounds associated with the Mottolo hazardous Waste Site, is only one measure which may be used to evaluate the quality of your water supply.

Please contact myself or Carl W. Baxter, P.E. at 271-2908 should you have any questions.

Sincerely,

Joseph N. Donovan

Joseph N. Donovan,
Environmentalist III

JND/jd/05920
cc: Michael J. Robinette, P.G., DES-WMEB
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FREDERICK MCGARRY
JOHN OSGOOD
LORRAINE SANDER
T. TAYLOR EIGHMY, Ph.D.

May 25, 1989

Mr. Barry Sullivan
24 Blueberry Hill Road
Raymond, NH 03077

Re: Water Quality Analysis, Sample #121940

Dear Mr. Sullivan:

On 4/20/89, a representative of the Department of Environmental Services, Waste Management Division, collected a sample from your water supply well. The sample was collected as part of the Division's efforts to monitor the water quality in the vicinity of the Mottolo Hazardous Waste Site.

The sample was analyzed for the presence of volatile organic compounds using a Gas Chromatograph/Mass Spectrometer. The results of the analysis indicated that no volatile organic compounds were detected in your well. This test, which analyzed for specific compounds associated with the Mottolo hazardous Waste Site, is only one measure which may be used to evaluate the quality of your water supply.

Please contact myself or Carl W. Baxter, P.E. at 271-2908 should you have any questions.

Sincerely,

Joseph N. Donovan

Joseph N. Donovan,
Environmentalist III

JND/jd/05920
cc: Michael J. Robinette, P.G., DES-WMEB
Daniel Coughlin, USEPA
Paul Currier, P.E., DES-WSPCD
Dana Kingston, Administrative Assistant, Raymond, NH
G. Dana Bisbee, Esq., NHAGO
Richard Beck, Sagharbor Dev. Inc., Auburn, NH
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State of New Hampshire
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PHILIP MACALLISTER
FREDERICK MCGARRY
JOHN OSGOOD
LORRAINE SANDER
T. TAYLOR EIGHMY, Ph.D.

May 25, 1989

Mr. Steven McLaughlin
40 Blueberry Hill Road
Raymond, NH 03077

Re: Water Quality Analysis, Sample #121939

Dear Mr. McLaughlin:

On 4/20/89, a representative of the Department of Environmental Services, Waste Management Division, collected a sample from your water supply well. The sample was collected as part of the Division's efforts to monitor the water quality in the vicinity of the Mottolo Hazardous Waste Site.

The sample was analyzed for the presence of volatile organic compounds using a Gas Chromatograph/Mass Spectrometer. The results of the analysis indicated that no volatile organic compounds were detected in your well. This test, which analyzed for specific compounds associated with the Mottolo hazardous Waste Site, is only one measure which may be used to evaluate the quality of your water supply.

Please contact myself or Carl W. Baxter, P.E. at 271-2908 should you have any questions.

Sincerely,

Joseph N. Donovan

Joseph N. Donovan,
Environmentalist III

JND/jd/05920
cc: Michael J. Robinette, P.G., DES-WMEB
Daniel Coughlin, USEPA
Paul Currier, P.E., DES-WSPCD
Dana Kingston, Administrative Assistant, Raymond, NH
G. Dana Bisbee, Esq., NHAGO
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ROBERT W. VARNEY
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JOHN LECRAW
FREDERICK MCGARRY
JOHN OSGOOD
LORRAINE SANDER
T. TAYLOR EIGHMY, Ph.D
David D. Kibbey

November 3, 1989

Mr. Timothy Stone
BALSAM ENVIRONMENTAL CONSULTANTS, INC.
59 Stiles Road
Salem, NH 03079

Re: Second Round Domestic Well Sampling, September, 1989
Mottolo Pig Farm Site, Raymond, NH

Dear Mr. Stone:

Please find enclosed the water quality analysis of homes sampled as part of the Remedial Investigation of the above site. These analysis correspond to water quality letters forwarded to the homeowners of which you should have received copies. Only one domestic supply had detectable levels of volatile organics. All others were below detection. Those results were forwarded to the Department of Public Health Services (DPHS) for review and recommendations. Results of their review will be forwarded as they become avaliable.

If you have any questions, please contact Kim Margolies, who took the samples, or myself at (603)271-2908.

Sincerely,

Michael J. Robinette

Michael J. Robinette, P.G.
Supervisor, Pre-Remedial Section

MJR/jd/09420
cc: CWB/KAM, DES-WMEB
Roger Duwart, USEPA, Region I, w/enc.

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State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
LABORATORY SERVICES UNIT
6 Hazen Drive, P.O. Box 95, Concord, NH 03302-0095
603-271-3445

ROBERT W. VARNEY
COMMISSIONER
WILLIAM M. RICE
ADMINISTRATOR

CHAIN OF CUSTODY

Site/Location/Code: Moffolo/RAYMOND 021.04

Date Samples Received: 9/27/89

Date Samples Collected: 9/26/89

Sample Number	Description
A. 135405 SEP 27 89	Mr. Charles Stracke VOA
B. 135406 SEP 27 89	Mr Wilkinson VOA
C. 135407 SEP 27 89	Mr. Wilkinson Duplicate VOA
D. 135408 SEP 27 89	Mr. Barry Sullivan VOA
E. 135409 SEP 27 89	Mr. Dana Iverson VOA
F. 135410 SEP 27 89	Mr. Scott Brimicomb VOA
G. 135411 SEP 27 89	Mr. William Robinson VOA
H. 135412 SEP 27 89	Mr Dawson VOA
I. 135413 SEP 27 89	Mr. Oudekerk VOA
J.	

Person (s) and Division Relinquishing Samples: Kim Allison Margolies

Person (s) / Lab Receiving Samples: Laura Langlois Barbara J. McKay 9-27-89

Date Samples Analyzed: 10/13/89 Analyst(s): Patricia Bickford

Date received 10/23/89

Notebook and/or Reference Number:

Additional Comments: 524 method. samples taken by KIM Margolies. see page for additional comments sample preserved $MgCl_2$.

ROBERT W. VARNEY
COMMISSIONER
WILLIAM M. RICE
ADMINISTRATOR

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
LABORATORY SERVICES UNIT
6 Hazen Drive, P.O. Box 95, Concord, NH 03302-0095
603-271-3445

CHAIN OF CUSTODY

Site/Location/Code: Mottolo/Raymond 021.04

Date Samples Received: 9/27/89

Date Samples Collected: 9/26/89

Sample Number	Description
A. 135414 SEP 27 89	McLaughlin VOA
B. 135415 SEP 27 89	Mr. Michael Stillings VOA
C. 135416 SEP 27 89	Mr. Michael Stillings Duplicate VOA
D.	
E.	
F.	
G.	
H.	
I.	
J.	

Person (s) and Division Relinquishing Samples: Kim Margolies

Person (s) / Lab Receiving Samples: Laura Langlois Barbara J. McKay 9-27-89

Date Samples Analyzed: Analyzed 10/13/89 Data received 10/23/89

Analyst(s): Patricia Bishop

Notebook and/or Reference Number:

Additional Comments: 524 – MgCl2 preservative All samples taken by Kim Margolies

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
LABORATORY SERVICES UNIT
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603-271-3445

ROBERT W. VARNEY
COMMISSIONER
WILLIAM M. RICE
ADMINISTRATOR

CHAIN OF CUSTODY

Site/Location/Code: Moffolo / Raymond / ~~100.04~~ 021.04 Date Samples Received: 9/29/89

Date Samples Collected: 9/28/89

Sample Number	Description	Time
A. 135524 SEP 29 89	VOA Leonard Carleton	11:50am No filter Spigot in the box
B. 135525 SEP 29 89	VOA Stewart	12:30pm Kitchen Sink Possibly softn
C. 135526 SEP 29 89	VOA McLaughlin	1:00pm Softer spigot outside
D. 135527 SEP 29 89	VOA Virginia Fernald	12:00pm No filter Kitchen spigot
E. 135528 SEP 29 89	VOA Virginia Fernald	12:00pm No filter Duplicate Kitchen spig
F. 135529 SEP 29 89	VOA TRIPBLANK	4:20pm 9/25/89
G.		
H.		
I.		
J.		

Person (s) and Division Relinquishing Samples: Kim Allison Margolies

Person (s) / Lab Receiving Samples: Tammy Cayton Patricia McKay 9-29-89

Date Samples Analyzed: analyzed 10/4/89 Analyst(s): Date Received 10/23/89 Patricia Bickford

Notebook and/or Reference Number:

Additional Comments: ~~524~~ 524 method preserved MgCl2
All samples taken by Kim Margolies

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
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6 Hazen Drive, P.O. Box 95, Concord, NH 03302-0095
603-271-3445

ROBERT W. VARNEY
COMMISSIONER
WILLIAM M. RICE
ADMINISTRATOR

CHAIN OF CUSTODY

Site/Location/Code: Mottolo /Raymond / ~~[illegible]~~ 021.04 Date Samples Received: 9/29/89

Date Samples Collected: 9/28/89

Sample Number	Description	Time	No filter
A. 135530 SEP 29 89	VOA Mc Dermott	9:10am	no filter tap on well VOA
B. 135531 SEP 29 89	VOA Sid Vallet	9:30am	" " tap in front of house
C. 135532 SEP 29 89	VOA Mr. John Carodet	9:40am	" air bubble problem outside spigot
D. 135533 SEP 29 89	VOA John Carodet	9:40am	" duplicate air bubble problems
E. 135534 SEP 29 89	VOA Robert Sensale	10:30am	" outside spigot
F. 135535 SEP 29 89	VOA Russell Berube	10:40am	" Back spigot
G. 135536 SEP 29 89	VOA James carodet	10:50am	" spigot in the back
H. 135537 SEP 29 89	VOA Mr. Emery Graves	11:00am	" " out front spigot
I. 135538 SEP 29 89	VOA John Scuto	11:30am	" " Back spigot
J. 135539 SEP 29 89	VOA Cashman	11:45am	" " outside spigot

Person (s) and Division Relinquishing Samples: Kim A. Margolies

Person (s) / Lab Receiving Samples: Tammy Cayton Barbara McKay 9-29-89

Date Samples Analyzed: analyzed 10/4/89 Date received 10/23/89 Analyst(s): Patricia Bickford

Notebook and/or Reference Number:

Additional Comments: Std Method Preserved with $MgCl_2$. All sample TAKEN BY KIM MARGOLIES

*it Below Det.= Below Detection Limit

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 135405

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = KIM MARGOLIES

DATE SAMPLED = 09-26-89,08:20
DATE LOGGED IN = 09-27-89,14:21
DATE COMPLETED = 10-10-89

OWNERS NAME = CHARLES STRACKE
ADDRESS = 14 BLUEBERRY HILL ROAD
CITY OR TOWN = RAYMOND, NH 03077

MATRIX = WATER
SAMPLER COMMENTS = TOOK SAMPLE IN THE BASEMENT FEFORE THE FILTERS ~
. WASHING MACHINE
HAD BEEN RUNNING.

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	10-10-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	10-10-89	5.00
Methane, tribromo-	ppb	Below Det.	10-10-89	5.00
Methane, trichloro-	ppb	Below Det.	10-10-89	.50
Methane, tetrachloro-	ppb	Below Det.	10-10-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	10-10-89	5.00
Ethane, chloro-	ppb	Below Det.	10-10-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	10-10-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	10-10-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	10-10-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	10-10-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	10-10-89	.70
Ethylene, trichloro	ppb	Below Det.	10-10-89	.60
Ethylene, tetrachloro	ppb	Below Det.	10-10-89	1.20
Ethylene, chloro	ppb	Below Det.	10-10-89	5.00
Cyclohexane	ppb	Below Det.	10-10-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	10-10-89	1.70
Benzene	ppb	Below Det.	10-10-89	.50
Benzene, ethyl	ppb	Below Det.	10-10-89	1.10
Toluene	ppb	Below Det.	10-10-89	1.70
Xylene meta isomer	ppb	Below Det.	10-10-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	10-10-89	1.20
Styrene	ppb	Below Det.	10-10-89	.90

CONTINUED
SAMPLE NUMBER = 135405
SAMPLER COMMENTS = TOOK SAMPLE IN THE BASEMENT FEFORE THE FILTERS. WASHI ~
NG MACHINE
HAD BEEN RUNNING.

Test Name		Result	Date	Detection Limit
Benzene, chloro	ppb	Below Det.	10-10-89	1.00
Benzene(s), dichloro	ppb	Below Det.	10-10-89	9.60
Acetone	ppb	Below Det.	10-10-89	50.70
Tetrahydrofuran	ppb	Below Det.	10-10-89	36.30
Ether, diethyl	ppb	Below Det.	10-10-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	10-10-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	10-10-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	10-10-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	10-10-89	1.40
Methane, chloro fluoro	ppb	Below Det.	10-10-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	10-10-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	10-10-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

10-24-89,12:09
SAMPLE 135405

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 135406

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = KIM MARGOLIES

DATE SAMPLED = 09-26-89,12:30
DATE LOGGED IN = 09-27-89,14:25
DATE COMPLETED = 10-10-89

OWNERS NAME = MR. WILKINSON
ADDRESS = 11 JENNIFER LANE
CITY OR TOWN = RAYMOND, NH 03077

MATRIX = WATER
SAMPLER COMMENTS = SAMPLE TAKEN OUTSIDE SPICKET, NO FILTER

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	10-10-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	10-10-89	5.00
Methane, tribromo-	ppb	Below Det.	10-10-89	5.00
Methane, trichloro-	ppb	Below Det.	10-10-89	.50
Methane, tetrachloro-	ppb	Below Det.	10-10-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	10-10-89	5.00
Ethane, chloro-	ppb	Below Det.	10-10-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	10-10-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	10-10-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	10-10-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	10-10-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	10-10-89	.70
Ethylene, trichloro	ppb	Below Det.	10-10-89	.60
Ethylene, tetrachloro	ppb	Below Det.	10-10-89	1.20
Ethylene, chloro	ppb	Below Det.	10-10-89	5.00
Cyclohexane	ppb	Below Det.	10-10-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	10-10-89	1.70
Benzene	ppb	Below Det.	10-10-89	.50
Benzene, ethyl	ppb	Below Det.	10-10-89	1.10
Toluene	ppb	Below Det.	10-10-89	1.70
Xylene meta isomer	ppb	Below Det.	10-10-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	10-10-89	1.20
Styrene	ppb	Below Det.	10-10-89	.90

CONTINUED
SAMPLE NUMBER = 135406
SAMPLER COMMENTS = SAMPLE TAKEN OUTSIDF SPICKET, NO FILTER

Test Name		Result	Date	Detection Limit
Benzene, chloro	ppb	Below Det.	10-10-89	1.00
Benzene(s), dichloro	ppb	Below Det.	10-10-89	9.60
Acetone	ppb	Below Det.	10-10-89	50.70
Tetrahydrofuran	ppb	Below Det.	10-10-89	36.30
Ether, diethyl	ppb	Below Det.	10-10-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	10-10-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	10-10-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	10-10-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	10-10-89	1.40
Methane, chloro fluoro	ppb	Below Det.	10-10-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	10-10-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	10-10-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

10-24-89,12:10
SAMPLE 135406

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 135407

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = KIM MARGOLIES

DATE SAMPLED = 09-26-89,12:30
DATE LOGGED IN = 09-27-89,14:26
DATE COMPLETED = 10-10-89

OWNERS NAME = MR. WILKINSON
ADDRESS = 11 JENNIFER LANE
CITY OR TOWN = RAYMOND, NH 03077

MATRIX = WATER
SAMPLER COMMENTS = SAMPLE TAKEN OUTSIDE SPICKET, NO FILTER

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	10-10-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	10-10-89	5.00
Methane, tribromo-	ppb	Below Det.	10-10-89	5.00
Methane, trichloro-	ppb	Below Det.	10-10-89	.50
Methane, tetrachloro-	ppb	Below Det.	10-10-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	10-10-89	5.00
Ethane, chloro-	ppb	Below Det.	10-10-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	10-10-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	10-10-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	10-10-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	10-10-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	10-10-89	.70
Ethylene, trichloro	ppb	Below Det.	10-10-89	.60
Ethylene, tetrachloro	ppb	Below Det.	10-10-89	1.20
Ethylene, chloro	ppb	Below Det.	10-10-89	5.00
Cyclohexane	ppb	Below Det.	10-10-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	10-10-89	1.70
Benzene	ppb	Below Det.	10-10-89	.50
Benzene, ethyl	ppb	Below Det.	10-10-89	1.10
Toluene	ppb	Below Det.	10-10-89	1.70
Xylene meta isomer	ppb	Below Det.	10-10-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	10-10-89	1.20
Styrene	ppb	Below Det.	10-10-89	.90

CONTINUED
SAMPLE NUMBER = 135407
SAMPLER COMMENTS = SAMPLE TAKEN OUTSIDE SPICKET, NO FILTER

Test Name		Result	Date	Detection Limit
Benzene, chloro	ppb	Below Det.	10-10-89	1.00
Benzene(s), dichloro	ppb	Below Det.	10-10-89	9.60
Acetone	ppb	Below Det.	10-10-89	50.70
Tetrahydrofuran	ppb	Below Det.	10-10-89	36.30
Ether, diethyl	ppb	Below Det.	10-10-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	10-10-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	10-10-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	10-10-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	10-10-89	1.40
Methane, chloro fluoro	ppb	Below Det.	10-10-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	10-10-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	10-10-89	5.00

Lab Comments

DUPLICATE

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

10-24-89,12:11
SAMPLE 135407

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 135408

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = KIM MARGOLIES

DATE SAMPLED = 09-26-89,09:40
DATE LOGGED IN = 09-27-89,14:27
DATE COMPLETED = 10-10-89

OWNERS NAME = BARRY SULLIVAN
ADDRESS = 24 BLUEBERRY HILL ROAD
CITY OR TOWN = RAYMOND, NH 03077

MATRIX = WATER
SAMPLER COMMENTS = FRONT SIDE SPICKET

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	10-10-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	10-10-89	5.00
Methane, tribromo-	ppb	Below Det.	10-10-89	5.00
Methane, trichloro-	ppb	Below Det.	10-10-89	.50
Methane, tetrachloro-	ppb	Below Det.	10-10-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	10-10-89	5.00
Ethane, chloro-	ppb	Below Det.	10-10-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	10-10-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	10-10-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	10-10-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	10-10-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	10-10-89	.70
Ethylene, trichloro	ppb	Below Det.	10-10-89	.60
Ethylene, tetrachloro	ppb	Below Det.	10-10-89	1.20
Ethylene, chloro	ppb	Below Det.	10-10-89	5.00
Cyclohexane	ppb	Below Det.	10-10-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	10-10-89	1.70
Benzene	ppb	Below Det.	10-10-89	.50
Benzene, ethyl	ppb	Below Det.	10-10-89	1.10
Toluene	ppb	Below Det.	10-10-89	1.70
Xylene meta isomer	ppb	Below Det.	10-10-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	10-10-89	1.20
Styrene	ppb	Below Det.	10-10-89	.90

CONTINUED
SAMPLE NUMBER = 135408
SAMPLER COMMENTS = FRONT SIDE SPICKET

Test Name		Result	Date	Detection Limit
Benzene, chloro	ppb	Below Det.	10-10-89	1.00
Benzene(s), dichloro	ppb	Below Det.	10-10-89	9.60
Acetone	ppb	Below Det.	10-10-89	50.70
Tetrahydrofuran	ppb	Below Det.	10-10-89	36.30
Ether, diethyl	ppb	Below Det.	10-10-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	10-10-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	10-10-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	10-10-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	10-10-89	1.40
Methane, chloro fluoro	ppb	Below Det.	10-10-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	10-10-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	10-10-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

10-24-89,12:12
SAMPLE 135408

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 135409

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = KIM MARGOLIES

DATE SAMPLED = 09-26-89,12:00
DATE LOGGED IN = 09-27-89,14:28
DATE COMPLETED = 10-10-89

OWNERS NAME = DANA IVERSON
ADDRESS = 7 JENNIFER LANE
CITY OR TOWN = RAYMOND, NH 03077

MATRIX = WATER
SAMPLER COMMENTS = TAKEN AT KITCHEN TAP
NO FILTER

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	10-10-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	10-10-89	5.00
Methane, tribromo-	ppb	Below Det.	10-10-89	5.00
Methane, trichloro-	ppb	Below Det.	10-10-89	.50
Methane, tetrachloro-	ppb	Below Det.	10-10-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	10-10-89	5.00
Ethane, chloro-	ppb	Below Det.	10-10-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	10-10-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	10-10-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	10-10-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	10-10-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	10-10-89	.70
Ethylene, trichloro	ppb	Below Det.	10-10-89	.60
Ethylene, tetrachloro	ppb	Below Det.	10-10-89	1.20
Ethylene, chloro	ppb	Below Det.	10-10-89	5.00
Cyclohexane	ppb	Below Det.	10-10-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	10-10-89	1.70
Benzene	ppb	Below Det.	10-10-89	.50
Benzene, ethyl	ppb	Below Det.	10-10-89	1.10
Toluene	ppb	Below Det.	10-10-89	1.70
Xylene meta isomer	ppb	Below Det.	10-10-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	10-10-89	1.20
Styrene	ppb	Below Det.	10-10-89	.90

CONTINUED
SAMPLE NUMBER = 135409
SAMPLER COMMENTS = TAKEN AT KITCHEN TAP
NO FILTER

Test Name		Result	Date	Detection Limit
Benzene, chloro	ppb	Below Det.	10-10-89	1.00
Benzene(s), dichloro	ppb	Below Det.	10-10-89	9.60
Acetone	ppb	Below Det.	10-10-89	50.70
Tetrahydrofuran	ppb	Below Det.	10-10-89	36.30
Ether, diethyl	ppb	Below Det.	10-10-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	10-10-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	10-10-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	10-10-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	10-10-89	1.40
Methane, chloro fluoro	ppb	Below Det.	10-10-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	10-10-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	10-10-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

10-24-89,12:13
SAMPLE 135409

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 135410

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = KIM MARGOLIES

DATE SAMPLED = 09-26-89
DATE LOGGED IN = 09-27-89,14:30
DATE COMPLETED = 10-10-89

OWNERS NAME = SCOTT BRIMICOMB
ADDRESS = 44 BLUEBERRY HILL ROAD
CITY OR TOWN = RAYMOND, NH 03077

MATRIX = WATER
SAMPLER COMMENTS = OUTSIDE SPICKET
NO FILTERS

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	10-10-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	10-10-89	5.00
Methane, tribromo-	ppb	Below Det.	10-10-89	5.00
Methane, trichloro-	ppb	Below Det.	10-10-89	.50
Methane, tetrachloro-	ppb	Below Det.	10-10-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	10-10-89	5.00
Ethane, chloro-	ppb	Below Det.	10-10-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	10-10-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	10-10-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	10-10-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	10-10-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	10-10-89	.70
Ethylene, trichloro	ppb	Below Det.	10-10-89	.60
Ethylene, tetrachloro	ppb	Below Det.	10-10-89	1.20
Ethylene, chloro	ppb	Below Det.	10-10-89	5.00
Cyclohexane	ppb	Below Det.	10-10-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	10-10-89	1.70
Benzene	ppb	Below Det.	10-10-89	.50
Benzene, ethyl	ppb	Below Det.	10-10-89	1.10
Toluene	ppb	Below Det.	10-10-89	1.70
Xylene meta isomer	ppb	Below Det.	10-10-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	10-10-89	1.20
Styrene	ppb	Below Det.	10-10-89	.90

CONTINUED
SAMPLE NUMBER = 135410
SAMPLER COMMENTS = OUTSIDE SPICKET
NO FILTERS

Test Name		Result	Date	Detection Limit
Benzene, chloro	ppb	Below Det.	10-10-89	1.00
Benzene(s), dichloro	ppb	Below Det.	10-10-89	9.60
Acetone	ppb	Below Det.	10-10-89	50.70
Tetrahydrofuran	ppb	Below Det.	10-10-89	36.30
Ether, diethyl	ppb	Below Det.	10-10-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	10-10-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	10-10-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	10-10-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	10-10-89	1.40
Methane, chloro fluoro	ppb	Below Det.	10-10-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	10-10-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	10-10-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

10-24-89,12:13
SAMPLE 135410

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 135411

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = KIM MARGOLIES

DATE SAMPLED = 09-26-89,12:10
DATE LOGGED IN = 09-27-89,14:31
DATE COMPLETED = 10-10-89

OWNERS NAME = WILLIAM ROBINSON
ADDRESS = 6 JENNIFER LANE
CITY OR TOWN = RAYMOND, NH 03077

MATRIX = WATER
SAMPLER COMMENTS = TAKEN FROM THE OUTSIDE SPICKET
NO FILTER

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	10-10-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	10-10-89	5.00
Methane, tribromo-	ppb	Below Det.	10-10-89	5.00
Methane, trichloro-	ppb	Below Det.	10-10-89	.50
Methane, tetrachloro-	ppb	Below Det.	10-10-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	10-10-89	5.00
Ethane, chloro-	ppb	Below Det.	10-10-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	10-10-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	10-10-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	10-10-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	10-10-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	10-10-89	.70
Ethylene, trichloro	ppb	Below Det.	10-10-89	.60
Ethylene, tetrachloro	ppb	Below Det.	10-10-89	1.20
Ethylene, chloro	ppb	Below Det.	10-10-89	5.00
Cyclohexane	ppb	Below Det.	10-10-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	10-10-89	1.70
Benzene	ppb	Below Det.	10-10-89	.50
Benzene, ethyl	ppb	Below Det.	10-10-89	1.10
Toluene	ppb	Below Det.	10-10-89	1.70
Xylene meta isomer	ppb	Below Det.	10-10-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	10-10-89	1.20
Styrene	ppb	Below Det.	10-10-89	.90

CONTINUED
SAMPLE NUMBER = 135411
SAMPLER COMMENTS = TAKEN FROM THE OUTSIDE SPICKET
NO FILTER

Test Name		Result	Date	Detection Limit
Benzene, chloro	ppb	Below Det.	10-10-89	1.00
Benzene(s), dichloro	ppb	Below Det.	10-10-89	9.60
Acetone	ppb	Below Det.	10-10-89	50.70
Tetrahydrofuran	ppb	Below Det.	10-10-89	36.30
Ether, diethyl	ppb	Below Det.	10-10-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	10-10-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	10-10-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	10-10-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	10-10-89	1.40
Methane, chloro fluoro	ppb	Below Det.	10-10-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	10-10-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	10-10-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

10-24-89,12:14
SAMPLE 135411

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 135412

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = KIM MARGOLIES

DATE SAMPLED = 09-26-89,10:10
DATE LOGGED IN = 09-27-89,14:32
DATE COMPLETED = 10-10-89

OWNERS NAME = MR. DAWSON
ADDRESS = 10 BLAKE ROAD
CITY OR TOWN = RAYMOND, NH 03077

MATRIX = WATER
SAMPLER COMMENTS = SAMPLE TAKEN IN THE KITCHEN, SOFTENER BEING USED.
SPICKET NOT ACCESSIBLE. SEVERAL PAINT CANS IN THE
BASEMENT.

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	10-10-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	10-10-89	5.00
Methane, tribromo-	ppb	Below Det.	10-10-89	5.00
Methane, trichloro-	ppb	Below Det.	10-10-89	.50
Methane, tetrachloro-	ppb	Below Det.	10-10-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	10-10-89	5.00
Ethane, chloro-	ppb	Below Det.	10-10-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	10-10-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	10-10-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	10-10-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	10-10-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	10-10-89	.70
Ethylene, trichloro	ppb	Below Det.	10-10-89	.60
Ethylene, tetrachloro	ppb	Below Det.	10-10-89	1.20
Ethylene, chloro	ppb	Below Det.	10-10-89	5.00
Cyclohexane	ppb	Below Det.	10-10-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	10-10-89	1.70
Benzene	ppb	Below Det.	10-10-89	.50
Benzene, ethyl	ppb	Below Det.	10-10-89	1.10
Toluene	ppb	Below Det.	10-10-89	1.70
Xylene, meta-isomer	ppb	Below Det.	10-10-89	1.30

Styrene	ppb	Below Det.	10-10-89	.90

CONTINUED
SAMPLE NUMBER = 135412
SAMPLER COMMENTS = SAMPLE TAKEN IN THE KITCHEN, SOFTENER BEING USED. SPICKET NOT ACCESSIBLE. SEVERAL PAINT CANS IN THE BASEMENT.

Test Name		Result	Date	Detection Limit
Benzene, chloro	ppb	Below Det.	10-10-89	1.00
Benzene(s), dichloro	ppb	Below Det.	10-10-89	9.60
Acetone	ppb	Below Det.	10-10-89	50.70
Tetrahydrofuran	ppb	Below Det.	10-10-89	36.30
Ether, diethyl	ppb	Below Det.	10-10-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	10-10-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	10-10-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	10-10-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	10-10-89	1.40
Methane, chloro fluoro	ppb	Below Det.	10-10-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	10-10-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	10-10-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

10-24-89,12:15
SAMPLE 135412

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 135413

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = KIM MARGOLIES

DATE SAMPLED = 09-26-89,10:30
DATE LOGGED IN = 09-27-89,14:35
DATE COMPLETED = 10-10-89

OWNERS NAME = MR. OUDEKERK
ADDRESS = 1 HUCKLEBERRY ROAD
CITY OR TOWN = RAYMOND, NH 03077

MATRIX = WATER
SAMPLER COMMENTS = SAMPLE TAKEN OUTSIDE SPICKET
NO FILTERS.

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	10-10-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	10-10-89	5.00
Methane, tribromo-	ppb	Below Det.	10-10-89	5.00
Methane, trichloro-	ppb	Below Det.	10-10-89	.50
Methane, tetrachloro-	ppb	Below Det.	10-10-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	10-10-89	5.00
Ethane, chloro-	ppb	Below Det.	10-10-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	10-10-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	10-10-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	10-10-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	10-10-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	10-10-89	.70
Ethylene, trichloro	ppb	Below Det.	10-10-89	.60
Ethylene, tetrachloro	ppb	Below Det.	10-10-89	1.20
Ethylene, chloro	ppb	Below Det.	10-10-89	5.00
Cyclohexane	ppb	Below Det.	10-10-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	10-10-89	1.70
Benzene	ppb	Below Det.	10-10-89	.50
Benzene, ethyl	ppb	Below Det.	10-10-89	1.10
Toluene	ppb	Below Det.	10-10-89	1.70
Xylene meta isomer	ppb	Below Det.	10-10-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	10-10-89	1.20
Styrene	ppb	Below Det.	10-10-89	.90

CONTINUED
SAMPLE NUMBER = 135413
SAMPLER COMMENTS = SAMPLE TAKEN OUTSIDE SPICKET
NO FILTERS.

Test Name		Result	Date	Detection Limit
Benzene, chloro	ppb	Below Det.	10-10-89	1.00
Benzene(s), dichloro	ppb	Below Det.	10-10-89	9.60
Acetone	ppb	Below Det.	10-10-89	50.70
Tetrahydrofuran	ppb	Below Det.	10-10-89	36.30
Ether, diethyl	ppb	Below Det.	10-10-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	10-10-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	10-10-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	10-10-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	10-10-89	1.40
Methane, chloro fluoro	ppb	Below Det.	10-10-89	5.00
Methane,di(chloro-fluoro)	ppb.	Below Det.	10-10-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	10-10-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

10-24-89,12:16
SAMPLE 135413

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 135414

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = KIM MARGOLIES

DATE SAMPLED = 09-26-89,08:50
DATE LOGGED IN = 09-27-89,14:37
DATE COMPLETED = 10-10-89

OWNERS NAME = MCLAUGHLIN-STEVEN
ADDRESS = 40 BLUEBERRY HILL ROAD
CITY OR TOWN = RAYMOND, NH 03077

MATRIX = WATER
SAMPLER COMMENTS = IN BASEMENT A STERILE CUP THAT HAD NEVER BEEN USED BEFORE
WAS USED AS A FUNNEL. THE SPICKET BEFORE THE FILTER FACE THE FLOOR.

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	10-10-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	10-10-89	5.00
Methane, tribromo-	ppb	Below Det.	10-10-89	5.00
Methane, trichloro-	ppb	Below Det.	10-10-89	.50
Methane, tetrachloro-	ppb	Below Det.	10-10-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	10-10-89	5.00
Ethane, chloro-	ppb	Below Det.	10-10-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	10-10-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	10-10-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	10-10-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	10-10-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	10-10-89	.70
Ethylene, trichloro	ppb	Below Det.	10-10-89	.60
Ethylene, tetrachloro	ppb	Below Det.	10-10-89	1.20
Ethylene, chloro	ppb	Below Det.	10-10-89	5.00
Cyclohexane	ppb	Below Det.	10-10-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	10-10-89	1.70
Benzene	ppb	Below Det.	10-10-89	.50
Benzene, ethyl	ppb	Below Det.	10-10-89	1.10
Toluene	ppb	Below Det.	10-10-89	1.70
Xylene meta isomer	ppb	Below Det.	10-10-89	1.30
Xylene (ortho & para)	ppb	Below Det.	10-10-89	1.20

CONTINUED
SAMPLE NUMBER = 135414
SAMPLER COMMENTS = IN BASEMENT A STERILE CUP THAT HAD NEVER BEEN USED BEF ~
ORE
WAS USED AS A FUNNEL. THE SPICKET BEFORE THE FILTER FA ~
CE THE FLOOR.

Test Name		Result	Date	Detection Limit
Benzene, chloro	ppb	Below Det.	10-10-89	1.00
Benzene(s), dichloro	ppb	Below Det.	10-10-89	9.60
Acetone	ppb	Below Det.	10-10-89	50.70
Tetrahydrofuran	ppb	Below Det.	10-10-89	36.30
Ether, diethyl	ppb	Below Det.	10-10-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	10-10-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	10-10-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	10-10-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	10-10-89	1.40
Methane, chloro fluoro	ppb	Below Det.	10-10-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	10-10-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	10-10-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

10-24-89,12:16
SAMPLE 135414

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 135415

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = KIM MARGOLIES

DATE SAMPLED = 09-26-89,11:30
DATE LOGGED IN = 09-27-89,14:38
DATE COMPLETED = 10-10-89

OWNERS NAME = MICHAEL STILLINGS
ADDRESS = 18 JENNIFER LANE
CITY OR TOWN = RAYMOND, NH 03077

MATRIX = WATER
SAMPLER COMMENTS = NO FILTER

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	10-10-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	10-10-89	5.00
Methane, tribromo-	ppb	Below Det.	10-10-89	5.00
Methane, trichloro-	ppb	Below Det.	10-10-89	.50
Methane, tetrachloro-	ppb	Below Det.	10-10-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	10-10-89	5.00
Ethane, chloro-	ppb	Below Det.	10-10-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	10-10-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	10-10-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	10-10-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	10-10-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	10-10-89	.70
Ethylene, trichloro	ppb	Below Det.	10-10-89	.60
Ethylene, tetrachloro	ppb	Below Det.	10-10-89	1.20
Ethylene, chloro	ppb	Below Det.	10-10-89	5.00
Cyclohexane	ppb	Below Det.	10-10-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	10-10-89	1.70
Benzene	ppb	Below Det.	10-10-89	.50
Benzene, ethyl	ppb	Below Det.	10-10-89	1.10
Toluene	ppb	Below Det.	10-10-89	1.70
Xylene meta isomer	ppb	Below Det.	10-10-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	10-10-89	1.20
Styrene	ppb	Below Det.	10-10-89	.90

CONTINUED
SAMPLE NUMBER = 135415
SAMPLER COMMENTS = NO FILTER

Test Name		Result	Date	Detection Limit
Benzene, chloro	ppb	Below Det.	10-10-89	1.00
Benzene(s), dichloro	ppb	Below Det.	10-10-89	9.60
Acetone	ppb	Below Det.	10-10-89	50.70
Tetrahydrofuran	ppb	Below Det.	10-10-89	36.30
Ether, diethyl	ppb	Below Det.	10-10-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	10-10-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	10-10-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	10-10-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	10-10-89	1.40
Methane, chloro fluoro	ppb	Below Det.	10-10-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	10-10-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	10-10-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

10-24-89,12:17
SAMPLE 135415

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 135416

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = KIM MARGOLIES

DATE SAMPLED = 09-26-89,11:30
DATE LOGGED IN = 09-27-89,14:39
DATE COMPLETED = 10-10-89

OWNERS NAME = MICHAEL STILLINGS
ADDRESS = 18 JENNIFER LANE
CITY OR TOWN = RAYMOND, NH 03077

MATRIX = WATER
SAMPLER COMMENTS = NO FILTER

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	10-10-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	10-10-89	5.00
Methane, tribromo-	ppb	Below Det.	10-10-89	5.00
Methane, trichloro-	ppb	Below Det.	10-10-89	.50
Methane, tetrachloro-	ppb	Below Det.	10-10-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	10-10-89	5.00
Ethane, chloro-	ppb	Below Det.	10-10-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	10-10-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	10-10-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	10-10-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	10-10-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	10-10-89	.70
Ethylene, trichloro	ppb	Below Det.	10-10-89	.60
Ethylene, tetrachloro	ppb	Below Det.	10-10-89	1.20
Ethylene, chloro	ppb	Below Det.	10-10-89	5.00
Cyclohexane	ppb	Below Det.	10-10-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	10-10-89	1.70
Benzene	ppb	Below Det.	10-10-89	.50
Benzene, ethyl	ppb	Below Det.	10-10-89	1.10
Toluene	ppb	Below Det.	10-10-89	1.70
Xylene meta isomer	ppb	Below Det.	10-10-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	10-10-89	1.20
Styrene	ppb	Below Det.	10-10-89	.90

CONTINUED
SAMPLE NUMBER = 135416
SAMPLER COMMENTS = NO FILTER

Test Name		Result	Date	Detection Limit
Benzene, chloro	ppb	Below Det.	10-10-89	1.00
Benzene(s), dichloro	ppb	Below Det.	10-10-89	9.60
Acetone	ppb	Below Det.	10-10-89	50.70
Tetrahydrofuran	ppb	Below Det.	10-10-89	36.30
Ether, diethyl	ppb	Below Det.	10-10-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	10-10-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	10-10-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	10-10-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	10-10-89	1.40
Methane, chloro fluoro	ppb	Below Det.	10-10-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	10-10-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	10-10-89	5.00

Lab Comments

DUPLICATE

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

10-24-89,12:18
SAMPLE 135416

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 135524

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = KIM MARGOLIES

DATE SAMPLED = 09-28-89,11:50
DATE LOGGED IN = 09-29-89,09:30
DATE COMPLETED = 10-10-89

OWNERS NAME = LEONARD CARLETON
ADDRESS = 4 HUCKLE BERRY ROAD
CITY OR TOWN = RAYMOND, NH 03077

MATRIX = WATER
SAMPLER COMMENTS = NO FILTER SPIGOT IN THE BACK

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	10-10-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	10-10-89	5.00
Methane, tribromo-	ppb	Below Det.	10-10-89	5.00
Methane, trichloro-	ppb	Below Det.	10-10-89	.50
Methane, tetrachloro-	ppb	Below Det.	10-10-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	10-10-89	5.00
Ethane, chloro-	ppb	Below Det.	10-10-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	10-10-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	10-10-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	10-10-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	10-10-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	10-10-89	.70
Ethylene, trichloro	ppb	Below Det.	10-10-89	.60
Ethylene, tetrachloro	ppb	Below Det.	10-10-89	1.20
Ethylene, chloro	ppb	Below Det.	10-10-89	5.00
Cyclohexane	ppb	Below Det.	10-10-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	10-10-89	1.70
Benzene	ppb	Below Det.	10-10-89	.50
Benzene, ethyl	ppb	Below Det.	10-10-89	1.10
Toluene	ppb	Below Det.	10-10-89	1.70
Xylene meta isomer	ppb	Below Det.	10-10-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	10-10-89	1.20
Styrene	ppb	Below Det.	10-10-89	.90

CONTINUED
SAMPLE NUMBER = 135524
SAMPLER COMMENTS = NO FILTER SPIGOT IN THE BACK

Test Name		Result	Date	Detection Limit
Benzene, chloro	ppb	Below Det.	10-10-89	1.00
Benzene(s), dichloro	ppb	Below Det.	10-10-89	9.60
Acetone	ppb	Below Det.	10-10-89	50.70
Tetrahydrofuran	ppb	Below Det.	10-10-89	36.30
Ether, diethyl	ppb	Below Det.	10-10-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	10-10-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	10-10-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	10-10-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	10-10-89	1.40
Methane, chloro fluoro	ppb	Below Det.	10-10-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	10-10-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	10-10-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

10-24-89,11:22
SAMPLE 135524

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 135525

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = KIM MARGOLIES

DATE SAMPLED = 09-28-89,12:30
DATE LOGGED IN = 09-29-89,09:32
DATE COMPLETED = 10-10-89

OWNERS NAME = TIM STEWART
ADDRESS = 42 BLUEBERRY HILL ROAD
CITY OR TOWN = RAYMOND, NH 03077

MATRIX = WATER
SAMPLER COMMENTS = KITCHEN SINK POSSIBLY SOFTNER

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	10-10-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	10-10-89	5.00
Methane, tribromo-	ppb	Below Det.	10-10-89	5.00
Methane, trichloro-	ppb	Below Det.	10-10-89	.50
Methane, tetrachloro-	ppb	Below Det.	10-10-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	10-10-89	5.00
Ethane, chloro-	ppb	Below Det.	10-10-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	10-10-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	10-10-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	10-10-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	10-10-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	10-10-89	.70
Ethylene, trichloro	ppb	Below Det.	10-10-89	.60
Ethylene, tetrachloro	ppb	Below Det.	10-10-89	1.20
Ethylene, chloro	ppb	Below Det.	10-10-89	5.00
Cyclohexane	ppb	Below Det.	10-10-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	10-10-89	1.70
Benzene	ppb	Below Det.	10-10-89	.50
Benzene, ethyl	ppb	Below Det.	10-10-89	1.10
Toluene	ppb	Below Det.	10-10-89	1.70
Xylene meta isomer	ppb	Below Det.	10-10-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	10-10-89	1.20
Styrene	ppb	Below Det.	10-10-89	.90

CONTINUED
SAMPLE NUMBER = 135525
SAMPLER COMMENTS = KITCHEN SINK POSSIBLY SOFTNER

Test Name		Result	Date	Detection Limit
Benzene, chloro	ppb	Below Det.	10-10-89	1.00
Benzene(s), dichloro	ppb	Below Det.	10-10-89	9.60
Acetone	ppb	Below Det.	10-10-89	50.70
Tetrahydrofuran	ppb	Below Det.	10-10-89	36.30
Ether, diethyl	ppb	Below Det.	10-10-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	10-10-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	10-10-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	10-10-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	10-10-89	1.40
Methane, chloro fluoro	ppb	Below Det.	10-10-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	10-10-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	10-10-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

10-24-89,11:22
SAMPLE 135525

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 135526

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = KIM MARGOLIES

DATE SAMPLED = 09-28-89,13:00
DATE LOGGED IN = 09-29-89,09:33
DATE COMPLETED = 10-10-89

OWNERS NAME = STEVEN MCLAUGHLIN
ADDRESS = 40 BLUEBERRY HILL ROAD
CITY OR TOWN = RAYMOND, NH 03077

MATRIX = WATER
SAMPLER COMMENTS = SOFTER SPIGOT OUTSIDE

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	10-10-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	10-10-89	5.00
Methane, tribromo-	ppb	Below Det.	10-10-89	5.00
Methane, trichloro-	ppb	Below Det.	10-10-89	.50
Methane, tetrachloro-	ppb	Below Det.	10-10-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	10-10-89	5.00
Ethane, chloro-	ppb	Below Det.	10-10-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	10-10-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	10-10-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	10-10-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	10-10-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	10-10-89	.70
Ethylene, trichloro	ppb	Below Det.	10-10-89	.60
Ethylene, tetrachloro	ppb	Below Det.	10-10-89	1.20
Ethylene, chloro	ppb	Below Det.	10-10-89	5.00
Cyclohexane	ppb	Below Det.	10-10-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	10-10-89	1.70
Benzene	ppb	Below Det.	10-10-89	.50
Benzene, ethyl	ppb	Below Det.	10-10-89	1.10
Toluene	ppb	Below Det.	10-10-89	1.70
Xylene meta isomer	ppb	Below Det.	10-10-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	10-10-89	1.20
Styrene	ppb	Below Det.	10-10-89	.90

CONTINUED
SAMPLE NUMBER = 135526
SAMPLER COMMENTS = SOFTER SPIGOT OUTSIDE

Test Name		Result	Date	Detection Limit
Benzene, chloro	ppb	Below Det.	10-10-89	1.00
Benzene(s), dichloro	ppb	Below Det.	10-10-89	9.60
Acetone	ppb	Below Det.	10-10-89	50.70
Tetrahydrofuran	ppb	Below Det.	10-10-89	36.30
Ether, diethyl	ppb	Below Det.	10-10-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	10-10-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	10-10-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	10-10-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	10-10-89	1.40
Methane, chloro fluoro	ppb	Below Det.	10-10-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	10-10-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	10-10-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

10-24-89,11:23
SAMPLE 135526

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 135527

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = KIM MARGOLIES

DATE SAMPLED = 09-28-89,12:00
DATE LOGGED IN = 09-29-89,09:33
DATE COMPLETED = 10-10-89

OWNERS NAME = VIRGINIA FERNALD
ADDRESS = 16 JENNIFER LANE
CITY OR TOWN = RAYMOND, NH 03077

MATRIX = WATER
SAMPLER COMMENTS = NO FILTE RKITCHEN SFIGOT

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	10-10-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	10-10-89	5.00
Methane, tribromo-	ppb	Below Det.	10-10-89	5.00
Methane, trichloro-	ppb	Below Det.	10-10-89	.50
Methane, tetrachloro-	ppb	Below Det.	10-10-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	10-10-89	5.00
Ethane, chloro-	ppb	Below Det.	10-10-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	10-10-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	10-10-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	10-10-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	10-10-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	10-10-89	.70
Ethylene, trichloro	ppb	Below Det.	10-10-89	.60
Ethylene, tetrachloro	ppb	Below Det.	10-10-89	1.20
Ethylene, chloro	ppb	Below Det.	10-10-89	5.00
Cyclohexane	ppb	Below Det.	10-10-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	10-10-89	1.70
Benzene	ppb	Below Det.	10-10-89	.50
Benzene, ethyl	ppb	Below Det.	10-10-89	1.10
Toluene	ppb	Below Det.	10-10-89	1.70
Xylene meta isomer	ppb	Below Det.	10-10-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	10-10-89	1.20
Styrene	ppb	Below Det.	10-10-89	.90

CONTINUED
SAMPLE NUMBER = 135527
SAMPLER COMMENTS = NO FILTE RKITCHEN SPIGOT

Test Name		Result	Date	Detection Limit
Benzene, chloro	ppb	Below Det.	10-10-89	1.00
Benzene(s), dichloro	ppb	Below Det.	10-10-89	9.60
Acetone	ppb	Below Det.	10-10-89	50.70
Tetrahydrofuran	ppb	Below Det.	10-10-89	36.30
Ether, diethyl	ppb	Below Det.	10-10-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	10-10-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	10-10-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	10-10-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	10-10-89	1.40
Methane, chloro fluoro	ppb	Below Det.	10-10-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	10-10-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	10-10-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

10-24-89,11:24
SAMPLE 135527

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 135528

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = KIM MARGOLIES

DATE SAMPLED = 09-28-89,12:00
DATE LOGGED IN = 09-29-89,09:34
DATE COMPLETED = 10-10-89

OWNERS NAME = VIRGINIA FERNALD
ADDRESS = 16 JENNIFER LANE
CITY OR TOWN = RAYMOND, NH 03077

MATRIX = WATER
SAMPLER COMMENTS = NO FILTER KITCHEN SPIGOT DUPLICATE OF 135528

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	10-10-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	10-10-89	5.00
Methane, tribromo-	ppb	Below Det.	10-10-89	5.00
Methane, trichloro-	ppb	Below Det.	10-10-89	.50
Methane, tetrachloro-	ppb	Below Det.	10-10-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	10-10-89	5.00
Ethane, chloro-	ppb	Below Det.	10-10-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	10-10-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	10-10-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	10-10-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	10-10-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	10-10-89	.70
Ethylene, trichloro	ppb	Below Det.	10-10-89	.60
Ethylene, tetrachloro	ppb	Below Det.	10-10-89	1.20
Ethylene, chloro	ppb	Below Det.	10-10-89	5.00
Cyclohexane	ppb	Below Det.	10-10-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	10-10-89	1.70
Benzene	ppb	Below Det.	10-10-89	.50
Benzene, ethyl	ppb	Below Det.	10-10-89	1.10
Toluene	ppb	Below Det.	10-10-89	1.70
Xylene meta isomer	ppb	Below Det.	10-10-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	10-10-89	1.20
Styrene	ppb	Below Det.	10-10-89	.90

CONTINUED
SAMPLE NUMBER = 135528
SAMPLER COMMENTS = NO FILTER KITCHEN SPIGOT DUPLICATE OF 135528

Test Name		Result	Date	Detection Limit
Benzene, chloro	ppb	Below Det.	10-10-89	1.00
Benzene(s), dichloro	ppb	Below Det.	10-10-89	9.60
Acetone	ppb	Below Det.	10-10-89	50.70
Tetrahydrofuran	ppb	Below Det.	10-10-89	36.30
Ether, diethyl	ppb	Below Det.	10-10-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	10-10-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	10-10-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	10-10-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	10-10-89	1.40
Methane, chloro fluoro	ppb	Below Det.	10-10-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	10-10-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	10-10-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

10-24-89,11:25
SAMPLE 135528

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 135529

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = KIM MARGOLIES

DATE SAMPLED = 09-28-89,16:20
DATE LOGGED IN = 09-29-89,09:35
DATE COMPLETED = 10-10-89

OWNERS NAME =
ADDRESS =
CITY OR TOWN =

MATRIX = WATER
SAMPLER COMMENTS = TRIP BLANK

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	10-10-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	10-10-89	5.00
Methane, tribromo-	ppb	Below Det.	10-10-89	5.00
Methane, trichloro-	ppb	Below Det.	10-10-89	.50
Methane, tetrachloro-	ppb	Below Det.	10-10-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	10-10-89	5.00
Ethane, chloro-	ppb	Below Det.	10-10-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	10-10-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	10-10-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	10-10-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	10-10-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	10-10-89	.70
Ethylene, trichloro	ppb	Below Det.	10-10-89	.60
Ethylene, tetrachloro	ppb	Below Det.	10-10-89	1.20
Ethylene, chloro	ppb	Below Det.	10-10-89	5.00
Cyclohexane	ppb	Below Det.	10-10-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	10-10-89	1.70
Benzene	ppb	Below Det.	10-10-89	.50
Benzene, ethyl	ppb	Below Det.	10-10-89	1.10
Toluene	ppb	Below Det.	10-10-89	1.70
Xylene meta isomer	ppb	Below Det.	10-10-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	10-10-89	1.20
Styrene	ppb	Below Det.	10-10-89	.90

CONTINUED
SAMPLE NUMBER = 135529
SAMPLER COMMENTS = TRIP BLANK

Test Name		Result	Date	Detection Limit
Benzene, chloro	ppb	Below Det.	10-10-89	1.00
Benzene(s), dichloro	ppb	Below Det.	10-10-89	9.60
Acetone	ppb	Below Det.	10-10-89	50.70
Tetrahydrofuran	ppb	Below Det.	10-10-89	36.30
Ether, diethyl	ppb	Below Det.	10-10-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	10-10-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	10-10-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	10-10-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	10-10-89	1.40
Methane, chloro fluoro	ppb	Below Det.	10-10-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	10-10-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	10-10-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

10-24-89,11:26
SAMPLE 135529

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 135530

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = KIM MARGOLIES

DATE SAMPLED = 09-28-89,09:10
DATE LOGGED IN = 09-29-89,09:35
DATE COMPLETED = 10-11-89

OWNERS NAME = MCDERMOTT
ADDRESS = 12 BLUEBERRY HILL ROAD
CITY OR TOWN = RAYMOND, NH 03077

MATRIX = WATER
SAMPLER COMMENTS = NO FILTER TAP ON WELL

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	10-11-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	10-11-89	5.00
Methane, tribromo-	ppb	Below Det.	10-11-89	5.00
Methane, trichloro-	ppb	Below Det.	10-11-89	.50
Methane, tetrachloro-	ppb	Below Det.	10-11-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	10-11-89	5.00
Ethane, chloro-	ppb	Below Det.	10-11-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	10-11-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	10-11-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	10-11-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	10-11-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	10-11-89	.70
Ethylene, trichloro	ppb	Below Det.	10-11-89	.60
Ethylene, tetrachloro	ppb	Below Det.	10-11-89	1.20
Ethylene, chloro	ppb	Below Det.	10-11-89	5.00
Cyclohexane	ppb	Below Det.	10-11-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	10-11-89	1.70
Benzene	ppb	Below Det.	10-11-89	.50
Benzene, ethyl	ppb	.52	10-11-89	.20
Toluene	ppb	1.05	10-11-89	.30
Xylene meta isomer	ppb	1.21	10-11-89	.30
Xylenes (ortho & para)	ppb	1.87	10-11-89	.20
Styrene	ppb	Below Det.	10-11-89	.90

CONTINUED
SAMPLE NUMBER = 135530
SAMPLER COMMENTS = NO FILTER TAP ON WELL

Test Name		Result	Date	Detection Limit
Benzene, chloro	ppb	Below Det.	10-11-89	1.00
Benzene(s), dichloro	ppb	Below Det.	10-11-89	9.60
Acetone	ppb	Below Det.	10-11-89	50.70
Tetrahydrofuran	ppb	Below Det.	10-11-89	36.30
Ether, diethyl	ppb	Below Det.	10-11-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	10-11-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	10-11-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	10-11-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	10-11-89	1.40
Methane, chloro fluoro	ppb	Below Det.	10-11-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	10-11-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	10-11-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

10-24-89,11:36
SAMPLE 135530

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 135531

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = KIM MARGOLIES

DATE SAMPLED = 09-28-89,09:30
DATE LOGGED IN = 09-29-89,09:36
DATE COMPLETED = 10-11-89

OWNERS NAME = SID VALLET
ADDRESS = 18 BLUEBERRY HILL ROAD
CITY OR TOWN = RAYMOND, NH 03077

MATRIX = WATER
SAMPLER COMMENTS = NO FILTER TAP IN FRONT OF HOUSE

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	10-11-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	10-11-89	5.00
Methane, tribromo-	ppb	Below Det.	10-11-89	5.00
Methane, trichloro-	ppb	Below Det.	10-11-89	.50
Methane, tetrachloro-	ppb	Below Det.	10-11-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	10-11-89	5.00
Ethane, chloro-	ppb	Below Det.	10-11-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	10-11-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	10-11-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	10-11-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	10-11-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	10-11-89	.70
Ethylene, trichloro	ppb	Below Det.	10-11-89	.60
Ethylene, tetrachloro	ppb	Below Det.	10-11-89	1.20
Ethylene, chloro	ppb	Below Det.	10-11-89	5.00
Cyclohexane	ppb	Below Det.	10-11-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	10-11-89	1.70
Benzene	ppb	Below Det.	10-11-89	.50
Benzene, ethyl	ppb	Below Det.	10-11-89	1.10
Toluene	ppb	Below Det.	10-11-89	1.70
Xylene meta isomer	ppb	Below Det.	10-11-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	10-11-89	1.20
Styrene	ppb	Below Det.	10-11-89	.90

CONTINUED
SAMPLE NUMBER = 135531
SAMPLER COMMENTS = NO FILTER TAP IN FRONT OF HOUSE

Test Name		Result	Date	Detection Limit
Benzene, chloro	ppb	Below Det.	10-11-89	1.00
Benzene(s), dichloro	ppb	Below Det.	10-11-89	9.60
Acetone	ppb	Below Det.	10-11-89	50.70
Tetrahydrofuran	ppb	Below Det.	10-11-89	36.30
Ether, diethyl	ppb	Below Det.	10-11-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	10-11-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	10-11-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	10-11-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	10-11-89	1.40
Methane, chloro fluoro	ppb	Below Det.	10-11-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	10-11-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	10-11-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

10-24-89,11:36
SAMPLE 135531

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 135532

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = KIM MARGOLIES

DATE SAMPLED = 09-28-89,09:40
DATE LOGGED IN = 09-29-89,09:37
DATE COMPLETED = 10-11-89

OWNERS NAME = MR. JOHN CARODET
ADDRESS = 3 RANDY LANE
CITY OR TOWN = RAYMOND, NH 03077

MATRIX = WATER
SAMPLER COMMENTS = AIR BUBBLE PROBLEMS OUTSIDE SPIGOT

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	10-11-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	10-11-89	5.00
Methane, tribromo-	ppb	Below Det.	10-11-89	5.00
Methane, trichloro-	ppb	Below Det.	10-11-89	.50
Methane, tetrachloro-	ppb	Below Det.	10-11-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	10-11-89	5.00
Ethane, chloro-	ppb	Below Det.	10-11-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	10-11-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	10-11-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	10-11-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	10-11-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	10-11-89	.70
Ethylene, trichloro	ppb	Below Det.	10-11-89	.60
Ethylene, tetrachloro	ppb	Below Det.	10-11-89	1.20
Ethylene, chloro	ppb	Below Det.	10-11-89	5.00
Cyclohexane	ppb	Below Det.	10-11-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	10-11-89	1.70
Benzene	ppb	Below Det.	10-11-89	.50
Benzene, ethyl	ppb	Below Det.	10-11-89	1.10
Toluene	ppb	Below Det.	10-11-89	1.70
Xylene meta isomer	ppb	Below Det.	10-11-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	10-11-89	1.20
Styrene	ppb	Below Det.	10-11-89	.90

CONTINUED
SAMPLE NUMBER = 135532
SAMPLER COMMENTS = AIR BUBBLE PROBLEMS OUTSIDE SPIGOT

Test Name		Result	Date	Detection Limit
Benzene, chloro	ppb	Below Det.	10-11-89	1.00
Benzene(s), dichloro	ppb	Below Det.	10-11-89	9.60
Acetone	ppb	Below Det.	10-11-89	50.70
Tetrahydrofuran	ppb	Below Det.	10-11-89	36.30
Ether, diethyl	ppb	Below Det.	10-11-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	10-11-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	10-11-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	10-11-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	10-11-89	1.40
Methane, chloro fluoro	ppb	Below Det.	10-11-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	10-11-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	10-11-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

10-24-89,11:37
SAMPLE 135532

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 135533

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = KIM MARGOLIES

DATE SAMPLED = 09-28-89,09:40
DATE LOGGED IN = 09-29-89,09:38
DATE COMPLETED = 10-11-89

OWNERS NAME = MR. JOHN CARODET
ADDRESS = 3 RANDY LANE
CITY OR TOWN = RAYMOND, NH 03077

MATRIX = WATER
SAMPLER COMMENTS = AIR BUBBLE PROBLEMS DUPLICATE OF 135532

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	10-11-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	10-11-89	5.00
Methane, tribromo-	ppb	Below Det.	10-11-89	5.00
Methane, trichloro-	ppb	Below Det.	10-11-89	.50
Methane, tetrachloro-	ppb	Below Det.	10-11-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	10-11-89	5.00
Ethane, chloro-	ppb	Below Det.	10-11-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	10-11-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	10-11-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	10-11-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	10-11-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	10-11-89	.70
Ethylene, trichloro	ppb	Below Det.	10-11-89	.60
Ethylene, tetrachloro	ppb	Below Det.	10-11-89	1.20
Ethylene, chloro	ppb	Below Det.	10-11-89	5.00
Cyclohexane	ppb	Below Det.	10-11-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	10-11-89	1.70
Benzene	ppb	Below Det.	10-11-89	.50
Benzene, ethyl	ppb	Below Det.	10-11-89	1.10
Toluene	ppb	Below Det.	10-11-89	1.70
Xylene meta isomer	ppb	Below Det.	10-11-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	10-11-89	1.20
Styrene	ppb	Below Det.	10-11-89	.90

CONTINUED
SAMPLE NUMBER = 135533
SAMPLER COMMENTS = AIR BUBBLE PROBLEMS DUPLICATE OF 135532

Test Name		Result	Date	Detection Limit
Benzene, chloro	ppb	Below Det.	10-11-89	1.00
Benzene(s), dichloro	ppb	Below Det.	10-11-89	9.60
Acetone	ppb	Below Det.	10-11-89	50.70
Tetrahydrofuran	ppb	Below Det.	10-11-89	36.30
Ether, diethyl	ppb	Below Det.	10-11-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	10-11-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	10-11-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	10-11-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	10-11-89	1.40
Methane, chloro fluoro	ppb	Below Det.	10-11-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	10-11-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	10-11-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

10-24-89,11:38
SAMPLE 135533

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 135534

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = KIM MARGOLIES

DATE SAMPLED = 09-28-89,10:30
DATE LOGGED IN = 09-29-89,09:38
DATE COMPLETED = 10-11-89

OWNERS NAME = ROBERT SENSALE
ADDRESS = 15 HUCKLEBERRY ROAD
CITY OR TOWN = RAYMOND, NH 03077

MATRIX = WATER
SAMPLER COMMENTS = NO FILTER OUTSIDE SPIGOT

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	10-11-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	10-11-89	5.00
Methane, tribromo-	ppb	Below Det.	10-11-89	5.00
Methane, trichloro-	ppb	Below Det.	10-11-89	.50
Methane, tetrachloro-	ppb	Below Det.	10-11-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	10-11-89	5.00
Ethane, chloro-	ppb	Below Det.	10-11-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	10-11-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	10-11-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	10-11-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	10-11-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	10-11-89	.70
Ethylene, trichloro	ppb	Below Det.	10-11-89	.60
Ethylene, tetrachloro	ppb	Below Det.	10-11-89	1.20
Ethylene, chloro	ppb	Below Det.	10-11-89	5.00
Cyclohexane	ppb	Below Det.	10-11-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	10-11-89	1.70
Benzene	ppb	Below Det.	10-11-89	.50
Benzene, ethyl	ppb	Below Det.	10-11-89	1.10
Toluene	ppb	Below Det.	10-11-89	1.70
Xylene meta isomer	ppb	Below Det.	10-11-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	10-11-89	1.20
Styrene	ppb	Below Det.	10-11-89	.90

CONTINUED
SAMPLE NUMBER = 135534
SAMPLER COMMENTS = NO FILTER OUTSIDE SPIGOT

Test Name		Result	Date	Detection Limit
Benzene, chloro	ppb	Below Det.	10-11-89	1.00
Benzene(s), dichloro	ppb	Below Det.	10-11-89	9.60
Acetone	ppb	Below Det.	10-11-89	50.70
Tetrahydrofuran	ppb	Below Det.	10-11-89	36.30
Ether, diethyl	ppb	Below Det.	10-11-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	10-11-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	10-11-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	10-11-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	10-11-89	1.40
Methane, chloro fluoro	ppb	Below Det.	10-11-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	10-11-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	10-11-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

10-24-89,11:39
SAMPLE 135534

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 135535

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = KIM MARGOLIES

DATE SAMPLED = 09-28-89,10:40
DATE LOGGED IN = 09-29-89,09:39
DATE COMPLETED = 10-11-89

OWNERS NAME = RUSSELL BERUBE
ADDRESS = 7 HUCKLEBERRY ROAD
CITY OR TOWN = RAYMOND, NH 03077

MATRIX = WATER
SAMPLER COMMENTS = NO FILTER BACK SPIGOT

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	10-11-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	10-11-89	5.00
Methane, tribromo-	ppb	Below Det.	10-11-89	5.00
Methane, trichloro-	ppb	Below Det.	10-11-89	.50
Methane, tetrachloro-	ppb	Below Det.	10-11-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	10-11-89	5.00
Ethane, chloro-	ppb	Below Det.	10-11-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	10-11-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	10-11-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	10-11-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	10-11-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	10-11-89	.70
Ethylene, trichloro	ppb	Below Det.	10-11-89	.60
Ethylene, tetrachloro	ppb	Below Det.	10-11-89	1.20
Ethylene, chloro	ppb	Below Det.	10-11-89	5.00
Cyclohexane	ppb	Below Det.	10-11-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	10-11-89	1.70
Benzene	ppb	Below Det.	10-11-89	.50
Benzene, ethyl	ppb	Below Det.	10-11-89	1.10
Toluene	ppb	Below Det.	10-11-89	1.70
Xylene meta isomer	ppb	Below Det.	10-11-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	10-11-89	1.20
Styrene	ppb	Below Det.	10-11-89	.90

CONTINUED
SAMPLE NUMBER = 135535
SAMPLER COMMENTS = NO FILTER BACK SPIGOT

Test Name		Result	Date	Detection Limit
Benzene, chloro	ppb	Below Det.	10-11-89	1.00
Benzene(s), dichloro	ppb	Below Det.	10-11-89	9.60
Acetone	ppb	Below Det.	10-11-89	50.70
Tetrahydrofuran	ppb	Below Det.	10-11-89	36.30
Ether, diethyl	ppb	Below Det.	10-11-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	10-11-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	10-11-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	10-11-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	10-11-89	1.40
Methane, chloro fluoro	ppb	Below Det.	10-11-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	10-11-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	10-11-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

10-24-89,11:40
SAMPLE 135535

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 135536

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = KIM MARGOLIES

DATE SAMPLED = 09-28-89,10:50
DATE LOGGED IN = 09-29-89,09:40
DATE COMPLETED = 10-11-89

OWNERS NAME = JAMES CARODET
ADDRESS = 5 HUCKLEBERRY ROAD
CITY OR TOWN = RAYMOND, NH 03077

MATRIX = WATER
SAMPLER COMMENTS = NO FILTER SPIGOT IN THE BACK

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	10-11-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	10-11-89	5.00
Methane, tribromo-	ppb	Below Det.	10-11-89	5.00
Methane, trichloro-	ppb	Below Det.	10-11-89	.50
Methane, tetrachloro-	ppb	Below Det.	10-11-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	10-11-89	5.00
Ethane, chloro-	ppb	Below Det.	10-11-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	10-11-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	10-11-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	10-11-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	10-11-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	10-11-89	.70
Ethylene, trichloro	ppb	Below Det.	10-11-89	.60
Ethylene, tetrachloro	ppb	Below Det.	10-11-89	1.20
Ethylene, chloro	ppb	Below Det.	10-11-89	5.00
Cyclohexane	ppb	Below Det.	10-11-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	10-11-89	1.70
Benzene	ppb	Below Det.	10-11-89	.50
Benzene, ethyl	ppb	Below Det.	10-11-89	1.10
Toluene	ppb	Below Det.	10-11-89	1.70
Xylene meta isomer	ppb	Below Det.	10-11-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	10-11-89	1.20
Styrene	ppb	Below Det.	10-11-89	.90

CONTINUED
SAMPLE NUMBER = 135536
SAMPLER COMMENTS = NO FILTER SPIGOT IN THE BACK

Test Name		Result	Date	Detection Limit
Benzene, chloro	ppb	Below Det.	10-11-89	1.00
Benzene(s), dichloro	ppb	Below Det.	10-11-89	9.60
Acetone	ppb	Below Det.	10-11-89	50.70
Tetrahydrofuran	ppb	Below Det.	10-11-89	36.30
Ether, diethyl	ppb	Below Det.	10-11-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	10-11-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	10-11-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	10-11-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	10-11-89	1.40
Methane, chloro fluoro	ppb	Below Det.	10-11-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	10-11-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	10-11-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

10-24-89,11:40
SAMPLE 135536

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 135537

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = KIM MARGOLIES

DATE SAMPLED = 09-28-89,11:00
DATE LOGGED IN = 09-29-89,09:40
DATE COMPLETED = 10-11-89

OWNERS NAME = MR. EMERY GRAVES
ADDRESS = 10 HUCKLEBERRY ROAD
CITY OR TOWN = RAYMOND, NH 03077

MATRIX = WATER
SAMPLER COMMENTS = NO FILTE ROUT FRONT SPIGOT

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	10-11-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	10-11-89	5.00
Methane, tribromo-	ppb	Below Det.	10-11-89	5.00
Methane, trichloro-	ppb	Below Det.	10-11-89	.50
Methane, tetrachloro-	ppb	Below Det.	10-11-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	10-11-89	5.00
Ethane, chloro-	ppb	Below Det.	10-11-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	10-11-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	10-11-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	10-11-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	10-11-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	10-11-89	.70
Ethylene, trichloro	ppb	Below Det.	10-11-89	.60
Ethylene, tetrachloro	ppb	Below Det.	10-11-89	1.20
Ethylene, chloro	ppb	Below Det.	10-11-89	5.00
Cyclohexane	ppb	Below Det.	10-11-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	10-11-89	1.70
Benzene	ppb	Below Det.	10-11-89	.50
Benzene, ethyl	ppb	Below Det.	10-11-89	1.10
Toluene	ppb	Below Det.	10-11-89	1.70
Xylene meta isomer	ppb	Below Det.	10-11-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	10-11-89	1.20
Styrene	ppb	Below Det.	10-11-89	.90

CONTINUED
SAMPLE NUMBER = 135537
SAMPLER COMMENTS = NO FILTE ROUT FRONT SPIGOT

Test Name		Result	Date	Detection Limit
Benzene, chloro	ppb	Below Det.	10-11-89	1.00
Benzene(s), dichloro	ppb	Below Det.	10-11-89	9.60
Acetone	ppb	Below Det.	10-11-89	50.70
Tetrahydrofuran	ppb	Below Det.	10-11-89	36.30
Ether, diethyl	ppb	Below Det.	10-11-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	10-11-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	10-11-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	10-11-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	10-11-89	1.40
Methane, chloro fluoro	ppb	Below Det.	10-11-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	10-11-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	10-11-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

10-24-89,11:41
SAMPLE 135537

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 135538

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = KIM MARGOLIES

DATE SAMPLED = 09-28-89,11:30
DATE LOGGED IN = 09-29-89,09:42
DATE COMPLETED = 10-11-89

OWNERS NAME = JOHN SCUTO
ADDRESS = 7 BLAKE ROAD
CITY OR TOWN = RAYMOND, NH 03077

MATRIX = WATER
SAMPLER COMMENTS = NO FILTER BACK SPIGOT

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	10-11-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	10-11-89	5.00
Methane, tribromo-	ppb	Below Det.	10-11-89	5.00
Methane, trichloro-	ppb	Below Det.	10-11-89	.50
Methane, tetrachloro-	ppb	Below Det.	10-11-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	10-11-89	5.00
Ethane, chloro-	ppb	Below Det.	10-11-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	10-11-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	10-11-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	10-11-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	10-11-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	10-11-89	.70
Ethylene, trichloro	ppb	Below Det.	10-11-89	.60
Ethylene, tetrachloro	ppb	Below Det.	10-11-89	1.20
Ethylene, chloro	ppb	Below Det.	10-11-89	5.00
Cyclohexane	ppb	Below Det.	10-11-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	10-11-89	1.70
Benzene	ppb	Below Det.	10-11-89	.50
Benzene, ethyl	ppb	Below Det.	10-11-89	1.10
Toluene	ppb	Below Det.	10-11-89	1.70
Xylene meta isomer	ppb	Below Det.	10-11-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	10-11-89	1.20
Styrene	ppb	Below Det.	10-11-89	.90

CONTINUED
SAMPLE NUMBER = 135538
SAMPLER COMMENTS = NO FILTER BACK SPIGOT

Test Name		Result	Date	Detection Limit
Benzene, chloro	ppb	Below Det.	10-11-89	1.00
Benzene(s), dichloro	ppb	Below Det.	10-11-89	9.60
Acetone	ppb	Below Det.	10-11-89	50.70
Tetrahydrofuran	ppb	Below Det.	10-11-89	36.30
Ether, diethyl	ppb	Below Det.	10-11-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	10-11-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	10-11-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	10-11-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	10-11-89	1.40
Methane, chloro fluoro	ppb	Below Det.	10-11-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	10-11-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	10-11-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

10-24-89,11:42
SAMPLE 135538

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 135539

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = KIM MARGOLIES

DATE SAMPLED = 09-28-89,11:45
DATE LOGGED IN = 09-29-89,09:42
DATE COMPLETED = 10-11-89

OWNERS NAME = CASHMAN
ADDRESS = 12 BLACKBERRY ROAD
CITY OR TOWN = RAYMOND, NH 03077

MATRIX = WATER
SAMPLER COMMENTS = NO FILTER OUTSIDE SPIGOT

Test Name		Result	Date	Detection Limit
Methane, dichloro-	ppb	Below Det.	10-11-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	10-11-89	5.00
Methane, tribromo-	ppb	Below Det.	10-11-89	5.00
Methane, trichloro-	ppb	Below Det.	10-11-89	.50
Methane, tetrachloro-	ppb	Below Det.	10-11-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	10-11-89	5.00
Ethane, chloro-	ppb	Below Det.	10-11-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	10-11-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	10-11-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	10-11-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	10-11-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	10-11-89	.70
Ethylene, trichloro	ppb	Below Det.	10-11-89	.60
Ethylene, tetrachloro	ppb	Below Det.	10-11-89	1.20
Ethylene, chloro	ppb	Below Det.	10-11-89	5.00
Cyclohexane	ppb	Below Det.	10-11-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	10-11-89	1.70
Benzene	ppb	Below Det.	10-11-89	.50
Benzene, ethyl	ppb	Below Det.	10-11-89	1.10
Toluene	ppb	Below Det.	10-11-89	1.70
Xylene meta isomer	ppb	Below Det.	10-11-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	10-11-89	1.20
Styrene	ppb	Below Det.	10-11-89	.90

CONTINUED
SAMPLE NUMBER = 135539
SAMPLER COMMENTS = NO FILTER OUTSIDE SPIGOT

Test Name		Result	Date	Detection Limit
Benzene, chloro	ppb	Below Det.	10-11-89	1.00
Benzene(s), dichloro	ppb	Below Det.	10-11-89	9.60
Acetone	ppb	Below Det.	10-11-89	50.70
Tetrahydrofuran	ppb	Below Det.	10-11-89	36.30
Ether, diethyl	ppb	Below Det.	10-11-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	10-11-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	10-11-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	10-11-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	10-11-89	1.40
Methane, chloro fluoro	ppb	Below Det.	10-11-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	10-11-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	10-11-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

10-24-89,11:43
SAMPLE 135539

ROBERT W. VARNEY
COMMISSIONER

MICHAEL A. SILLS, Ph.D., P.E.
CHIEF ENGINEER

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
WASTE MANAGEMENT DIVISION
6 Hazen Drive, Concord, NH 03301-6509
603-271-2900
TTY/TDD 1-800-992-3312 or 225-4033

WASTE MANAGEMENT COUNCIL
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FREDERICK MCGARRY
JOHN OSGOOD
LORRAINE SANDER
T. TAYLOR EIGHMY, Ph.D.

Received 1/23/90 1:55

January 19, 1990

Mr. Timothy s. Stone, C.P.G.
Project Manager
Balsam Environmental Consultants, Inc.
59 Stiles Road
Salem, NH 03079

Re: Results of the Third Round of Residential Sampling
Mottolo Site (RI/FS)
(Balsam Project 6185/831)

Dear Mr. Stone:

Enclosed are the copies of the Chains of Custody and the lab results from the sampling rounds conducted on 12/13/89, 12/14, 89 and 12/18/89.

The duplicate sample 140219, and duplicate tripblanks 140305 and 140218 have been deleted due to instrument failure in the lab.

Sincerely,

Michael J. Robinette

Michael J. Robinette, P.G.
Supervisor, Pre-Remedial Section

MJR/jd/10690

PRINTED ON RECYCLED PAPER

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
LABORATORY SERVICES UNIT
6 Hazen Drive, P.O. Box 95, Concord, NH 03302-0095
603-271-3445

ROBERT W. VARNEY
COMMISSIONER
WILLIAM M. RICE
ADMINISTRATOR

CHAIN OF CUSTODY

Site/Location/Code: Mottolo/Raymond/021.04

Date Samples Received: 12/19/89

Date Samples Collected: 12/18/89

Sample Number	Description
A. 140304 DEC 1989	Sensale 5pm kitchen spigot NS filter VOA
B. 140305 DEC 1989	TRIP BLANK 10 am 12/18/89
C.	
D.	
E.	
F.	
G.	
H.	
I.	
J.	

Person (s) and Division Relinquishing Samples: Alan Allison Margolies

Person (s) / Lab Receiving Samples: Barbara McKay 12-19-89

Date Samples Analyzed: Data received 1/8/90

Analyst(s): Patricia Bickford

Notebook and/or Reference Number:

Additional Comments:

All samples preserved with HgCl2

State of New Hampshire
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WILLIAM M. RICE
ADMINISTRATOR

CHAIN OF CUSTODY

Site/Location/Code: Mottolo/Raymond 021.03

Date Samples Received: 12/15/89

Date Samples Collected:

Sample Number	Description
A. 140216 DEC 15 89	Brimicomb Kitchen spigot 6:10pm No softener VOA
B. 140217 DEC 15 89	Sid Vallet Kitchen spigot 6:20pm no softener VOA
C. 140218 DEC 15 89	TRIP BLANK 12/14/89 8:35pm VOA
D. 140219 DEC 15 89	Stillings Duplicate Spigot Kitchen 10:40am VOA
E.	
F.	
G.	
H.	
I.	
J.	

Person (s) and Division Relinquishing Samples: Jim Margolis

Person (s) / Lab Receiving Samples: Tammy Layton Barbara McKay 524 method

Date Samples Analyzed: 12-15-89 Analyst(s): Patricia Bickford

Data reviewed 1/8/90

Notebook and/or Reference Number:

Additional Comments: all preserved with HgCl2

B. 44 Blueberry Hill Rd Raymond
C. 18 Blueberry Hill Rd Raymond

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CHAIN OF CUSTODY

Site/Location/Code: Mottolo/Raymond 021.03

Date Samples Received: 12/15/89

Date Samples Collected: A-B: 12/13/89 C-J: 12/14/89

Sample Number	Description
A. 140206 DEC 15 89	Robinson 4:20pm Backspigot no filter VOA 12/13/89
B. 140207 DEC 15 89	Fernald 4:35pm Backspigot no filter VOA 12/13/89
C. 140208 DEC 15 89	McLaughlin 9:50am Kitchen spigot conditioner VOA 12/14/8
D. 140209 DEC 15 89	Stewart 10:05am Kitchen spigot softener VOA " "
E. 140210 DEC 15 89	Graves 10:15am Kitchen spigot no filter VOA " "
F. 140211 DEC 15 89	Iverson 10:30 am Kitchen spigot no filter VOA " "
G. 140212 DEC 15 89	Stillings 10:40am Kitchen spigot no filter VOA " "
H. 140213 DEC 15 89	Scuto 11:30 am backspigot outdoors no filter VOA " "
I. 140214 DEC 15 89	Oudekerk 5:30pm Kitchen spigot softener VOA "
J. 140215 DEC 15 89	Carleton 5:40pm backspigot no filter VOA " "

Person (s) and Division Relinquishing Samples: Kim Allison Margolies

Person (s) / Lab Receiving Samples: Tammy Cayton / Barbara McKay S24 method

Date Samples Analyzed: 12-15-89 Analyst(s): Patricia Bickford

Data reviewed 1/8/90

Notebook and/or Reference Number:

Additional Comments: all preserved with Hg Cl2

A. 6 Jennifer Lane Raymond
B. 16 Jennifer Lane Raymond
C. 40 Blueberry Hill Rd Raymond
D. 42 Blueberry Hill Rd Raymond
E. 10 Huckleberry Rd Raymond
F. 7 Jennifer Lane Raymond
G. 18 Jennifer Lane Raymond
H. 7 Blake Rd Raymond
I. 1 Huckleberry Rd Raymond
J. 4 Blackberry Rd Raymond

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ADMINISTRATOR

CHAIN OF CUSTODY

Site/Location/Code: Mottolo/Raymond 021.03

Date Samples Received: 12/15/89

Date Samples Collected: 12/13/89

Sample Number	Description
A. 140196 DEC 15 89	Stracke 1:30pm Kitchen spigot sludge filter VOA
B. 140197 DEC 15 89	James McDermott 1:40pm Kitchen spigot No filter VOA
C. 140198 DEC 15 89	Cashman 2:10pm Kitchen spigot No filter VOA
D. 140199 DEC 15 89	Dawson 2:35pm Kitchen Spigot No filter VOA
E. 140200 DEC 15 89	James Cadoret 2:40pm Kitchen spigot No filter VOA
F. 140201 DEC 15 89	James Cadoret 2:40pm Kitchen duplicate spigot No filter VOA
G. 140202 DEC 15 89	Russell Berube 3:00pm front spigot No filter VOA
H. 140203 DEC 15 89	John Cadoret 3:15pm Kitchen spigot No filter VOA
I. 140204 DEC 15 89	Wilkinson 3:30pm Kitchen spigot No filter VOA
J. 140205 DEC 15 89	Sullivan 4:00pm Kitchen spigot No filters VOA

Person (s) and Division Relinquishing Samples: Ann Allison Margolies

Person (s) / Lab Receiving Samples: 524 Method Tammy Cayton Barbara McKay 12-15-89

Date Samples Analyzed: Data reviewed 1/4/90

Analyst(s): Patricia Bickford

Notebook and/or Reference Number: For all samples the water ran for 10 minutes prior to sampling. All preserved with HgCl2

Additional Comments:

A. 14 Blueberry Hill Rd Raymond
B. 12 Blueberry Hill Rd " "
C. 12 Blackberry Rd " "
D. 10 Blake Rd Raymond
E 5 Huckleberry Rd Raymond
F. 5 Huckleberry Rd Raymond
G. 7 Huckleberry Rd " "
H 3 Randy Lane Raymond
I. 24 Blueberry Hill Rd " "
J 11 Jennifer Lane.

There was a severe odor in the house due to the polyethane in the basement.

SEARCH & LIST TIME .08 SECONDS, ANOTHER SEARCH ?

SEARCH & LIST TIME .99 SECONDS, ANOTHER SEARCH ?

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 140196

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO, HYD
PROGRAM OR HW ID# = 21.03
PERSON SAMPLING = KIM MARGOLIES

DATE SAMPLED = 12-13-89,13:30
DATE LOGGED IN = 12-15-89,10:27
DATE COMPLETED = 12-22-89

OWNERS NAME = STRACKE
ADDRESS = 14 BLUEBERRY HILL ROAD
CITY OR TOWN = RAYMOND

MATRIX = WATER
SAMPLER COMMENTS = KITCHEN SPIGOT SLUDGE FILTER

Test Name		Result	Date	Detection Limi
Methane, dichloro-	ppb	Below Det.	12-22-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	12-22-89	5.00
Methane, tribromo-	ppb	Below Det.	12-22-89	5.00
Methane, trichloro-	ppb	Below Det.	12-22-89	.50
Methane, tetrachloro-	ppb	Below Det.	12-22-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	12-22-89	5.00
Ethane, chloro-	ppb	Below Det.	12-22-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	12-22-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	12-22-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	12-22-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	12-22-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	12-22-89	.70
Ethylene, trichloro	ppb	Below Det.	12-22-89	.60
Ethylene, tetrachloro	ppb	Below Det.	12-22-89	1.20
Ethylene, chloro	ppb	Below Det.	12-22-89	5.00
Cyclohexane	ppb	Below Det.	12-22-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	12-22-89	1.70
Benzene	ppb	Below Det.	12-22-89	.50

Toluene	ppb	Below Det.	12-22-89	1.70
Xylene meta isomer	ppb	Below Det.	12-22-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	12-22-89	1.20
Styrene	ppb	Below Det.	12-22-89	.90

CONTINUED
SAMPLE NUMBER = 140196
SAMPLER COMMENTS = KITCHEN SPIGOT SLUDGE FILTER

Test Name		Result	Date	Detection Limit
Benzene, chloro	ppb	Below Det.	12-22-89	1.00
Benzene(s), dichloro	ppb	Below Det.	12-22-89	9.60
Acetone	ppb	Below Det.	12-22-89	50.70
Tetrahydrofuran	ppb	Below Det.	12-22-89	36.30
Ether, diethyl	ppb	Below Det.	12-22-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	12-22-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	12-22-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	12-22-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	12-22-89	1.40
Methane, chloro fluoro	ppb	Below Det.	12-22-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	12-22-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	12-22-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

01-11-90,11:09
SAMPLE 140196

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 140197

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO, HYD
PROGRAM OR HW ID# = 21.03
PERSON SAMPLING = KIM MARGOLIES

DATE SAMPLED = 12-13-89,13:40
DATE LOGGED IN = 12-15-89,10:28
DATE COMPLETED = 12-22-89

OWNERS NAME = JAMES MCDERMOTT
ADDRESS = 12 BLUEBERRY HILL ROAD
CITY OR TOWN = RAYMOND

MATRIX = WATER
SAMPLER COMMENTS = KITCHEN SPIGOT NO FILTER

Test Name		Result	Date	Detection Limi
Methane, dichloro-	ppb	Below Det.	12-22-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	12-22-89	5.00
Methane, tribromo-	ppb	Below Det.	12-22-89	5.00
Methane, trichloro-	ppb	Below Det.	12-22-89	.50
Methane, tetrachloro-	ppb	Below Det.	12-22-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	12-22-89	5.00
Ethane, chloro-	ppb	Below Det.	12-22-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	12-22-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	12-22-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	12-22-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	12-22-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	12-22-89	.70
Ethylene, trichloro	ppb	Below Det.	12-22-89	.60
Ethylene, tetrachloro	ppb	Below Det.	12-22-89	1.20
Ethylene, chloro	ppb	Below Det.	12-22-89	5.00
Cyclohexane	ppb	Below Det.	12-22-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	12-22-89	1.70
Benzene	ppb	Below Det.	12-22-89	.50
Benzene, ethyl	ppb	Below Det.	12-22-89	1.10
Toluene	ppb	Below Det.	12-22-89	1.70

Xylenes (ortho & para)	ppb	Below Det.	12-22-89	1.20
Styrene	ppb	Below Det.	12-22-89	.90

CONTINUED
SAMPLE NUMBER = 140197
SAMPLER COMMENTS = KITCHEN SPIGOT NO FILTER

Test Name		Result	Date	Detection Limi
Benzene, chloro	ppb	Below Det.	12-22-89	1.00
Benzene(s), dichloro	ppb	Below Det.	12-22-89	9.60
Acetone	ppb	Below Det.	12-22-89	50.70
Tetrahydrofuran	ppb	Below Det.	12-22-89	36.30
Ether, diethyl	ppb	Below Det.	12-22-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	12-22-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	12-22-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	12-22-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	12-22-89	1.40
Methane, chloro fluoro	ppb	Below Det.	12-22-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	12-22-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	12-22-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

01-11-90,11:10
SAMPLE 140197

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 140198

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO, HYD
PROGRAM OR HW ID# = 21.03
PERSON SAMPLING = KIM MARGOLIES

DATE SAMPLED = 12-13-89,14:10
DATE LOGGED IN = 12-15-89,10:29
DATE COMPLETED = 12-22-89

OWNERS NAME = CASHMAN
ADDRESS = 12 BLACKBERRY ROAD
CITY OR TOWN = RAYMOND

MATRIX = WATER
SAMPLER COMMENTS = KITCHEN SPIGOT NO FILTER

Test Name		Result	Date	Detection Limi
Methane, dichloro-	ppb	Below Det.	12-22-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	12-22-89	5.00
Methane, tribromo-	ppb	Below Det.	12-22-89	5.00
Methane, trichloro-	ppb	Below Det.	12-22-89	.50
Methane, tetrachloro-	ppb	Below Det.	12-22-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	12-22-89	5.00
Ethane, chloro-	ppb	Below Det.	12-22-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	12-22-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	12-22-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	12-22-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	12-22-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	12-22-89	.70
Ethylene, trichloro	ppb	Below Det.	12-22-89	.60
Ethylene, tetrachloro	ppb	Below Det.	12-22-89	1.20
Ethylene, chloro	ppb	Below Det.	12-22-89	5.00
Cyclohexane	ppb	Below Det.	12-22-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	12-22-89	1.70
Benzene	ppb	Below Det.	12-22-89	.50
Benzene, ethyl	ppb	Below Det.	12-22-89	1.10
Toluene	ppb	Below Det.	12-22-89	1.70

Xylenes (ortho & para)	ppb	Below Det.	12-22-89	1.20
Styrene	ppb	Below Det.	12-22-89	.90

CONTINUED
SAMPLE NUMBER = 140198
SAMPLER COMMENTS = KITCHEN SPIGOT NO FILTER

Test Name		Result	Date	Detection Limi
Benzene, chloro	ppb	Below Det.	12-22-89	1.00
Benzene(s), dichloro	ppb	Below Det.	12-22-89	9.60
Acetone	ppb	Below Det.	12-22-89	50.70
Tetrahydrofuran	ppb	Below Det.	12-22-89	36.30
Ether, diethyl	ppb	Below Det.	12-22-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	12-22-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	12-22-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	12-22-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	12-22-89	1.40
Methane, chloro fluoro	ppb	Below Det.	12-22-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	12-22-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	12-22-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

01-11-90,11:11
SAMPLE 140198

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 140199

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO, HYD
PROGRAM OR HW ID# = 21.03
PERSON SAMPLING = KIM MARGOLIES

DATE SAMPLED = 12-13-89,14:40
DATE LOGGED IN = 12-15-89,10:31
DATE COMPLETED = 12-22-89

OWNERS NAME = DAWSON
ADDRESS = 10 BLAKE ROAD
CITY OR TOWN = RAYMOND

MATRIX = WATER
SAMPLER COMMENTS = KITCHEN SPIGOT NO FILTER

Test Name		Result	Date	Detection Limi
Methane, dichloro-	ppb	Below Det.	12-22-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	12-22-89	5.00
Methane, tribromo-	ppb	Below Det.	12-22-89	5.00
Methane, trichloro-	ppb	Below Det.	12-22-89	.50
Methane, tetrachloro-	ppb	Below Det.	12-22-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	12-22-89	5.00
Ethane, chloro-	ppb	Below Det.	12-22-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	12-22-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	12-22-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	12-22-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	12-22-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	12-22-89	.70
Ethylene, trichloro	ppb	Below Det.	12-22-89	.60
Ethylene, tetrachloro	ppb	Below Det.	12-22-89	1.20
Ethylene, chloro	ppb	Below Det.	12-22-89	5.00
Cyclohexane	ppb	Below Det.	12-22-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	12-22-89	1.70
Benzene	ppb	Below Det.	12-22-89	.50
Benzene, ethyl	ppb	Below Det.	12-22-89	1.10
Tol[illegible]	ppb	Below Det.	12-22-89	1.70

Xylenes (ortho & para)	ppb	Below Det.	12-22-89	1.20
Styrene	ppb	Below Det.	12-22-89	.90

CONTINUED
SAMPLE NUMBER = 140199
SAMPLER COMMENTS = KITCHEN SPIGOT NO FILTER

Test Name		Result	Date	Detection Limi
Benzene, chloro	ppb	Below Det.	12-22-89	1.00
Benzene(s), dichloro	ppb	Below Det.	12-22-89	9.60
Acetone	ppb	Below Det.	12-22-89	50.70
Tetrahydrofuran	ppb	Below Det.	12-22-89	36.30
Ether, diethyl	ppb	Below Det.	12-22-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	12-22-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	12-22-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	12-22-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	12-22-89	1.40
Methane, chloro fluoro	ppb	Below Det.	12-22-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	12-22-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	12-22-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

01-11-90,11:12
SAMPLE 140199

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 140200

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO, HYD
PROGRAM OR HW ID# = 21.03
PERSON SAMPLING = KIM MARGOLIES

DATE SAMPLED = 12-13-89,14:40
DATE LOGGED IN = 12-15-89,10:31
DATE COMPLETED = 12-22-89

OWNERS NAME = JAMES CADORET
ADDRESS = 5 HUCKLEBERRY ROAD
CITY OR TOWN = RAYMOND

MATRIX = WATER
SAMPLER COMMENTS = KITCHEN SPIGOT NO FILTER

Test Name		Result	Date	Detection Limi
Methane, dichloro-	ppb	Below Det.	12-22-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	12-22-89	5.00
Methane, tribromo-	ppb	Below Det.	12-22-89	5.00
Methane, trichloro-	ppb	Below Det.	12-22-89	.50
Methane, tetrachloro-	ppb	Below Det.	12-22-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	12-22-89	5.00
Ethane, chloro-	ppb	Below Det.	12-22-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	12-22-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	12-22-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	12-22-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	12-22-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	12-22-89	.70
Ethylene, trichloro	ppb	Below Det.	12-22-89	.60
Ethylene, tetrachloro	ppb	Below Det.	12-22-89	1.20
Ethylene, chloro	ppb	Below Det.	12-22-89	5.00
Cyclohexane	ppb	Below Det.	12-22-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	12-22-89	1.70
Benzene	ppb	Below Det.	12-22-89	.50
Benzene, ethyl	ppb	Below Det.	12-22-89	1.10
Toluene	ppb	Below Det.	12-22-89	1.70

Xylenes (ortho & para)	ppb	Below Det.	12-22-89	1.20
Styrene	ppb	Below Det.	12-22-89	.90

CONTINUED
SAMPLE NUMBER = 140200
SAMPLER COMMENTS = KITCHEN SPIGOT NO FILTER

Test Name		Result	Date	Detection Limi
Benzene, chloro	ppb	Below Det.	12-22-89	1.00
Benzene(s), dichloro	ppb	Below Det.	12-22-89	9.60
Acetone	ppb	Below Det.	12-22-89	50.70
Tetrahydrofuran	ppb	Below Det.	12-22-89	36.30
Ether, diethyl	ppb	Below Det.	12-22-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	12-22-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	12-22-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	12-22-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	12-22-89	1.40
Methane, chloro fluoro	ppb	Below Det.	12-22-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	12-22-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	12-22-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

01-11-90,11:13
SAMPLE 140200

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 140201

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO, HYD
PROGRAM OR HW ID# = 21.03
PERSON SAMPLING = KIM MARGOLIES

DATE SAMPLED = 12-13-89,14:40
DATE LOGGED IN = 12-15-89,10:32
DATE COMPLETED = 12-22-89

OWNERS NAME = JAMES CADORET
ADDRESS = 5 HUCKLEBERRY ROAD
CITY OR TOWN = RAYMOND

MATRIX = WATER
SAMPLER COMMENTS = KITCHEN SPIGOT NO FILTER DUPLICATE OF 140200

Test Name		Result	Date	Detection Limi
Methane, dichloro-	ppb	Below Det.	12-22-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	12-22-89	5.00
Methane, tribromo-	ppb	Below Det.	12-22-89	5.00
Methane, trichloro-	ppb	Below Det.	12-22-89	.50
Methane, tetrachloro-	ppb	Below Det.	12-22-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	12-22-89	5.00
Ethane, chloro-	ppb	Below Det.	12-22-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	12-22-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	12-22-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	12-22-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	12-22-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	12-22-89	.70
Ethylene, trichloro	ppb	Below Det.	12-22-89	.60
Ethylene, tetrachloro	ppb	Below Det.	12-22-89	1.20
Ethylene, chloro	ppb	Below Det.	12-22-89	5.00
Cyclohexane	ppb	Below Det.	12-22-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	12-22-89	1.70
Benzene	ppb	Below Det.	12-22-89	.50
Benzene, ethyl	ppb	Below Det.	12-22-89	1.10
[illegible]	ppb	Below Det.	12-22-89	1.70

Xylenes (ortho & para)	ppb	Below Det.	12-22-89	1.20
Styrene	ppb	Below Det.	12-22-89	.90

CONTINUED
SAMPLE NUMBER = 140201
SAMPLER COMMENTS = KITCHEN SPIGOT NO FILTER DUPLICATE OF 140200

Test Name		Result	Date	Detection Limi
Benzene, chloro	ppb	Below Det.	12-22-89	1.00
Benzene(s), dichloro	ppb	Below Det.	12-22-89	9.60
Acetone	ppb	Below Det.	12-22-89	50.70
Tetrahydrofuran	ppb	Below Det.	12-22-89	36.30
Ether, diethyl	ppb	Below Det.	12-22-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	12-22-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	12-22-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	12-22-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	12-22-89	1.40
Methane, chloro fluoro	ppb	Below Det.	12-22-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	12-22-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	12-22-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

01-11-90,11:13
SAMPLE 140201

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 140202

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO, HYD
PROGRAM OR HW ID# = 21.03
PERSON SAMPLING = KIM MARGOLIS

DATE SAMPLED = 12-13-89,15:00
DATE LOGGED IN = 12-15-89,10:33
DATE COMPLETED = 12-22-89

OWNERS NAME = RUSSELL BERUBE
ADDRESS = 7 HUCKLEBERRY ROAD
CITY OR TOWN = RAYMOND

MATRIX = WATER
SAMPLER COMMENTS = FRONT SPIGOT NO FILTER

Test Name		Result	Date	Detection Limi
Methane, dichloro-	ppb	Below Det.	12-22-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	12-22-89	5.00
Methane, tribromo-	ppb	Below Det.	12-22-89	5.00
Methane, trichloro-	ppb	Below Det.	12-22-89	.50
Methane, tetrachloro-	ppb	Below Det.	12-22-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	12-22-89	5.00
Ethane, chloro-	ppb	Below Det.	12-22-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	12-22-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	12-22-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	12-22-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	12-22-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	12-22-89	.70
Ethylene, trichloro	ppb	Below Det.	12-22-89	.60
Ethylene, tetrachloro	ppb	Below Det.	12-22-89	1.20
Ethylene, chloro	ppb	Below Det.	12-22-89	5.00
Cyclohexane	ppb	Below Det.	12-22-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	12-22-89	1.70
Benzene	ppb	Below Det.	12-22-89	.50
Benzene, ethyl	ppb	Below Det.	12-22-89	1.10
Toluene	ppb	Below Det.	12-22-89	1.70

Xylenes (ortho & para)	ppb	Below Det.	12-22-89	1.20
Styrene	ppb	Below Det.	12-22-89	.90

CONTINUED
SAMPLE NUMBER = 140202
SAMPLER COMMENTS = FRONT SPIGOT NO FILTER

Test Name		Result	Date	Detection Limi
Benzene, chloro	ppb	Below Det.	12-22-89	1.00
Benzene(s), dichloro	ppb	Below Det.	12-22-89	9.60
Acetone	ppb	Below Det.	12-22-89	50.70
Tetrahydrofuran	ppb	Below Det.	12-22-89	36.30
Ether, diethyl	ppb	Below Det.	12-22-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	12-22-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	12-22-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	12-22-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	12-22-89	1.40
Methane, chloro fluoro	ppb	Below Det.	12-22-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	12-22-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	12-22-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

01-11-90,11:14
SAMPLE 140202

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 140203

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO, HYD
PROGRAM OR HW ID# = 21.03
PERSON SAMPLING = KIM MARGOLIS

DATE SAMPLED = 12-13-89,15:15
DATE LOGGED IN = 12-15-89,10:33
DATE COMPLETED = 12-22-89

OWNERS NAME = JOHN CADURET
ADDRESS = 3 RANDY LANE
CITY OR TOWN = RAYMOND

MATRIX = WATER
SAMPLER COMMENTS = KITCHEN SPIGOT NO FILTER

Test Name		Result	Date	Detection Limi
Methane, dichloro-	ppb	Below Det.	12-22-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	12-22-89	5.00
Methane, tribromo-	ppb	Below Det.	12-22-89	5.00
Methane, trichloro-	ppb	Below Det.	12-22-89	.50
Methane, tetrachloro-	ppb	Below Det.	12-22-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	12-22-89	5.00
Ethane, chloro-	ppb	Below Det.	12-22-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	12-22-89	.50
Ethane 1,2 dichloro	ppb	Below Det.	12-22-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	12-22-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	12-22-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	12-22-89	.70
Ethylene, trichloro	ppb	Below Det.	12-22-89	.60
Ethylene, tetrachloro	ppb	Below Det.	12-22-89	1.20
Ethylene, chloro	ppb	Below Det.	12-22-89	5.00
Cyclohexane	ppb	Below Det.	12-22-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	12-22-89	1.70
Benzene	ppb	Below Det.	12-22-89	.50
Benzene, ethyl	ppb	Below Det.	12-22-89	1.10
Toluene	ppb	Below Det.	12-22-89	1.70

Xylenes (ortho & para)	ppb	Below Det.	12-22-89	1.20
Styrene	ppb	Below Det.	12-22-89	.90

CONTINUED
SAMPLE NUMBER = 140203
SAMPLER COMMENTS = KITCHEN SPIGOT NO FILTER

Test Name		Result	Date	Detection Limit
Benzene, chloro	ppb	Below Det.	12-22-89	1.00
Benzene(s), dichloro	ppb	Below Det.	12-22-89	9.60
Acetone	ppb	Below Det.	12-22-89	50.70
Tetrahydrofuran	ppb	Below Det.	12-22-89	36.30
Ether, diethyl	ppb	Below Det.	12-22-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	12-22-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	12-22-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	12-22-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	12-22-89	1.40
Methane, chloro fluoro	ppb	Below Det.	12-22-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	12-22-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	12-22-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

01-11-90,11:15
SAMPLE 140203

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 140204

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO, HYD
PROGRAM OR HW ID# = 21.03
PERSON SAMPLING = KIM MARGOLIS

DATE SAMPLED = 12-13-89,15:30
DATE LOGGED IN = 12-15-89,10:34
DATE COMPLETED = 12-22-89

OWNERS NAME = WILKINSON
ADDRESS = 24 BLUEBERRY HILL ROAD
CITY OR TOWN = RAYMOND

MATRIX = WATER
SAMPLER COMMENTS = KITCHEN SPIGOT NO FILTER

Test Name		Result	Date	Detection Limi
Methane, dichloro-	ppb	Below Det.	12-22-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	12-22-89	5.00
Methane, tribromo-	ppb	Below Det.	12-22-89	5.00
Methane, trichloro-	ppb	Below Det.	12-22-89	.50
Methane, tetrachloro-	ppb	Below Det.	12-22-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	12-22-89	5.00
Ethane, chloro-	ppb	Below Det.	12-22-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	12-22-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	12-22-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	12-22-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	12-22-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	12-22-89	.70
Ethylene, trichloro	ppb	Below Det.	12-22-89	.60
Ethylene, tetrachloro	ppb	Below Det.	12-22-89	1.20
Ethylene, chloro	ppb	Below Det.	12-22-89	5.00
Cyclohexane	ppb	Below Det.	12-22-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	12-22-89	1.70
Benzene	ppb	Below Det.	12-22-89	.50
Benzene, ethyl	ppb	Below Det.	12-22-89	1.10
Toluene	ppb	Below Det.	12-22-89	1.70

Xylenes (ortho & para)	ppb	Below Det.	12-22-89	1.20
Styrene	ppb	Below Det.	12-22-89	.90

CONTINUED
SAMPLE NUMBER = 140204
SAMPLER COMMENTS = KITCHEN SPIGOT NO FILTER

Test Name		Result	Date	Detection Limi
Benzene, chloro	ppb	Below Det.	12-22-89	1.00
Benzene(s), dichloro	ppb	Below Det.	12-22-89	9.60
Acetone	ppb	Below Det.	12-22-89	50.70
Tetrahydrofuran	ppb	Below Det.	12-22-89	36.30
Ether, diethyl	ppb	Below Det.	12-22-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	12-22-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	12-22-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	12-22-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	12-22-89	1.40
Methane, chloro fluoro	ppb	Below Det.	12-22-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	12-22-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	12-22-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

01-11-90,11:16
SAMPLE 140204

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 140205

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO, HYD
PROGRAM OR HW ID# = 21.03
PERSON SAMPLING = KIM MARGOLIS

DATE SAMPLED = 12-13-89,16:00
DATE LOGGED IN = 12-15-89,10:34
DATE COMPLETED = 12-22-89

OWNERS NAME = SULLIVAN
ADDRESS = 11 JENNIFER LANE
CITY OR TOWN = RAYMOND

MATRIX = WATER
SAMPLER COMMENTS = KITCHEN SPIGOT NO FILTERS THERE WAS A SEVERE C
DOR IN THE HOUSE
DUE TO THE POLYETHANE IN THE BASEMENT

Test Name		Result	Date	Detection Limi
Methane, dichloro-	ppb	Below Det.	12-22-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	12-22-89	5.00
Methane, tribromo-	ppb	Below Det.	12-22-89	5.00
Methane, trichloro-	ppb	Below Det.	12-22-89	.50
Methane, tetrachloro-	ppb	Below Det.	12-22-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	12-22-89	5.00
Ethane, chloro-	ppb	Below Det.	12-22-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	12-22-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	12-22-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	12-22-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	12-22-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	12-22-89	.70
Ethylene, trichloro	ppb	Below Det.	12-22-89	.60
Ethylene, tetrachloro	ppb	Below Det.	12-22-89	1.20
Ethylene, chloro	ppb	Below Det.	12-22-89	5.00
Cyclohexane	ppb	Below Det.	12-22-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	12-22-89	1.70
[illegible]	[illegible]	Below Det.	12-22-89	.50

Toluene	ppb	Below Det.	12-22-89	1.70
Xylene meta isomer	ppb	Below Det.	12-22-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	12-22-89	1.20
Styrene	ppb	Below Det.	12-22-89	.90

CONTINUED
SAMPLE NUMBER = 140205
SAMPLER COMMENTS = KITCHEN SPIGOT NO FILTERS THERE WAS A SEVERE ODOR IN HE HOUSE
DUE TO THE POLYETHANE IN THE BASEMENT

Test Name		Result	Date	Detection Limi
Benzene, chloro	ppb	Below Det.	12-22-89	1.00
Benzene(s), dichloro	ppb	Below Det.	12-22-89	9.60
Acetone	ppb	Below Det.	12-22-89	50.70
Tetrahydrofuran	ppb	Below Det.	12-22-89	36.30
Ether, diethyl	ppb	Below Det.	12-22-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	12-22-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	12-22-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	12-22-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	12-22-89	1.40
Methane, chloro fluoro	ppb	Below Det.	12-22-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	12-22-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	12-22-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

SEARCH & LIST TIME 487.02 SECONDS, ANOTHER SEARCH ?

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 140206

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO, HYD
PROGRAM OR HW ID# = 21.03
PERSON SAMPLING = KIM MARGOLIS

DATE SAMPLED = 12-13-89,16:20
DATE LOGGED IN = 12-15-89,10:35
DATE COMPLETED = 12-27-89

OWNERS NAME = ROBINSON
ADDRESS = 6 JENNIFER LANE
CITY OR TOWN = RAYMOND

MATRIX = WATER
SAMPLER COMMENTS = KITCHEN SPIGOT NO FILTER

Test Name		Result	Date	Detection Limi
Methane, dichloro-	ppb	Below Det.	12-27-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	12-27-89	5.00
Methane, tribromo-	ppb	Below Det.	12-27-89	5.00
Methane, trichloro-	ppb	Below Det.	12-27-89	.50
Methane, tetrachloro-	ppb	Below Det.	12-27-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	12-27-89	5.00
Ethane, chloro-	ppb	Below Det.	12-27-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	12-27-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	12-27-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	12-27-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	12-27-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	12-27-89	.70
Ethylene, trichloro	ppb	Below Det.	12-27-89	.60
Ethylene, tetrachloro	ppb	Below Det.	12-27-89	1.20
Ethylene, chloro	ppb	Below Det.	12-27-89	5.00
Cyclohexane	ppb	Below Det.	12-27-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	12-27-89	1.70
Benzene	ppb	Below Det.	12-27-89	.50
Benzene, ethyl	ppb	Below Det.	12-27-89	1.10
Toluene	ppb	Below Det.	12-27-89	1.70
Xylene meta isomer	ppb	Below Det.	12-27-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	12-27-89	1.20

CONTINUED
SAMPLE NUMBER = 140206
SAMPLER COMMENTS = KITCHEN SPIGOT NO FILTER

Test Name		Result	Date	Detection Limit
Benzene, chloro	ppb	Below Det.	12-27-89	1.00
Benzene(s), dichloro	ppb	Below Det.	12-27-89	9.60
Acetone	ppb	Below Det.	12-27-89	50.70
Tetrahydrofuran	ppb	Below Det.	12-27-89	36.30
Ether, diethyl	ppb	Below Det.	12-27-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	12-27-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	12-27-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	12-27-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	12-27-89	1.40
Methane, chloro fluoro	ppb	Below Det.	12-27-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	12-27-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	12-27-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

01-11-90,10:43
SAMPLE 140206

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 140207

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO, HYD
PROGRAM OR HW ID# = 21.03
PERSON SAMPLING = KIM MARGOLIS

DATE SAMPLED = 12-13-89,16:35
DATE LOGGED IN = 12-15-89,10:37
DATE COMPLETED = 12-27-89

OWNERS NAME = FERNALD
ADDRESS = 16 JENNIFER LANE
CITY OR TOWN = RAYMOND

MATRIX = WATER
SAMPLER COMMENTS = KITCHEN SPIGOT NO FILTER

Test Name		Result	Date	Detection Limi
Methane, dichloro-	ppb	Below Det.	12-27-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	12-27-89	5.00
Methane, tribromo-	ppb	Below Det.	12-27-89	5.00
Methane, trichloro-	ppb	Below Det.	12-27-89	.50
Methane, tetrachloro-	ppb	Below Det.	12-27-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	12-27-89	5.00
Ethane, chloro-	ppb	Below Det.	12-27-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	12-27-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	12-27-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	12-27-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	12-27-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	12-27-89	.70
Ethylene, trichloro	ppb	Below Det.	12-27-89	.60
Ethylene, tetrachloro	ppb	Below Det.	12-27-89	1.20
Ethylene, chloro	ppb	Below Det.	12-27-89	5.00
Cyclohexane	ppb	Below Det.	12-27-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	12-27-89	1.70
Benzene	ppb	Below Det.	12-27-89	.50
Benzene, ethyl	ppb	Below Det.	12-27-89	1.10
Toluene	ppb	Below Det.	12-27-89	1.70
Xylene meta isomer	ppb	Below Det.	12-27-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	12-27-89	1.20
Styrene	ppb	Below Det.	12-27-89	.90

CONTINUED
SAMPLE NUMBER = 140207
SAMPLER COMMENTS = KITCHEN SPIGOT NO FILTER

Test Name		Result	Date	Detection Limit
Benzene, chloro	ppb	Below Det.	12-27-89	1.00
Benzene(s), dichloro	ppb	Below Det.	12-27-89	9.60
Acetone	ppb	Below Det.	12-27-89	50.70
Tetrahydrofuran	ppb	Below Det.	12-27-89	36.30
Ether, diethyl	ppb	Below Det.	12-27-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	12-27-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	12-27-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	12-27-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	12-27-89	1.40
Methane, chloro fluoro	ppb	Below Det.	12-27-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	12-27-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	12-27-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

01-11-90,10:44
SAMPLE 140207

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 140208

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO, HYD
PROGRAM OR HW ID# = 21.03
PERSON SAMPLING = KIM MARGOLIS

DATE SAMPLED = 12-13-89,09:50
DATE LOGGED IN = 12-15-89,10:38
DATE COMPLETED = 12-27-89

OWNERS NAME = MCLAUGLIN
ADDRESS = 40 BLUEBERRY HILL ROAD
CITY OR TOWN = RAYMOND

MATRIX = WATER
SAMPLER COMMENTS = KITCHEN SPIGOT CONDITIONER

Test Name		Result	Date	Detection Limi
Methane, dichloro-	ppb	Below Det.	12-27-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	12-27-89	5.00
Methane, tribromo-	ppb	Below Det.	12-27-89	5.00
Methane, trichloro-	ppb	Below Det.	12-27-89	.50
Methane, tetrachloro-	ppb	Below Det.	12-27-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	12-27-89	5.00
Ethane, chloro-	ppb	Below Det.	12-27-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	12-27-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	12-27-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	12-27-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	12-27-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	12-27-89	.70
Ethylene, trichloro	ppb	Below Det.	12-27-89	.60
Ethylene, tetrachloro	ppb	Below Det.	12-27-89	1.20
Ethylene, chloro	ppb	Below Det.	12-27-89	5.00
Cyclohexane	ppb	Below Det.	12-27-89	5.00
Ether, methyl t-butyl	ppb	.96	12-27-89	.39
Benzene	ppb	Below Det.	12-27-89	.50
Benzene, ethyl	ppb	Below Det.	12-27-89	1.10
Toluene	ppb	Below Det.	12-27-89	1.70
Xylene meta isomer	ppb	Below Det.	12-27-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	12-27-89	1.20
Styrene	ppb	Below Det.	12-27-89	.90

CONTINUED
SAMPLE NUMBER = 140208
SAMPLER COMMENTS = KITCHEN SPIGOT CONDITIONER

Test Name		Result	Date	Detection Limit
Benzene, chloro	ppb	Below Det.	12-27-89	1.00
Benzene(s), dichloro	ppb	Below Det.	12-27-89	9.60
Acetone	ppb	Below Det.	12-27-89	50.70
Tetrahydrofuran	ppb	Below Det.	12-27-89	36.30
Ether, diethyl	ppb	Below Det.	12-27-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	12-27-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	12-27-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	12-27-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	12-27-89	1.40
Methane, chloro fluoro	ppb	Below Det.	12-27-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	12-27-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	12-27-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

01-11-90,10:45
SAMPLE 140208

State of New Hampshire
D_ ARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 140209

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO, HYD
PROGRAM OR HW ID# = 21.03
PERSON SAMPLING = KIM MARGOLIS

DATE SAMPLED = 12-14-89,10:05
DATE LOGGED IN = 12-15-89,10:38
DATE COMPLETED = 12-27-89

OWNERS NAME = STEWART
ADDRESS = 42 BLUEBERRY HILL ROAD
CITY OR TOWN = RAYMOND

MATRIX = WATER
SAMPLER COMMENTS = KITCHEN SPIGOT SOFTENER

Test Name		Result	Date	Detection Limi
Methane, dichloro-	ppb	Below Det.	12-27-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	12-27-89	5.00
Methane, tribromo-	ppb	Below Det.	12-27-89	5.00
Methane, trichloro-	ppb	Below Det.	12-27-89	.50
Methane, tetrachloro-	ppb	Below Det.	12-27-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	12-27-89	5.00
Ethane, chloro-	ppb	Below Det.	12-27-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	12-27-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	12-27-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	12-27-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	12-27-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	12-27-89	.70
Ethylene, trichloro	ppb	Below Det.	12-27-89	.60
Ethylene, tetrachloro	ppb	Below Det.	12-27-89	1.20
Ethylene, chloro	ppb	Below Det.	12-27-89	5.00
Cyclohexane	ppb	Below Det.	12-27-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	12-27-89	1.70
Benzene	ppb	Below Det.	12-27-89	.50
Benzene, ethyl	ppb	Below Det.	12-27-89	1.10
Toluene	ppb	Below Det.	12-27-89	1.70
Xylene meta isomer	ppb	Below Det.	12-27-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	12-27-89	1.20
Styrene	ppb	Below Det.	12-27-89	.90

CONTINUED
SAMPLE NUMBER = 140209
SAMPLER COMMENTS = KITCHEN SPIGOT SOFTENER

Test Name		Result	Date	Detection Limit
Benzene, chloro	ppb	Below Det.	12-27-89	1.00
Benzene(s), dichloro	ppb	Below Det.	12-27-89	9.60
Acetone	ppb	Below Det.	12-27-89	50.70
Tetrahydrofuran	ppb	Below Det.	12-27-89	36.30
Ether, diethyl	ppb	Below Det.	12-27-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	12-27-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	12-27-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	12-27-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	12-27-89	1.40
Methane, chloro fluoro	ppb	Below Det.	12-27-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	12-27-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	12-27-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

01-11-90,10:45
SAMPLE 140209

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 140210

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO, HYD
PROGRAM OR HW ID# = 21.03
PERSON SAMPLING = KIM MARGOLIS

DATE SAMPLED = 12-14-89,10:15
DATE LOGGED IN = 12-15-89,10:40
DATE COMPLETED = 12-27-89

OWNERS NAME = GRAVES
ADDRESS = 10 HUCKLEBERRY ROAD
CITY OR TOWN = RAYMOND

MATRIX = WATER
SAMPLER COMMENTS = KITCHEN SPIGOT NO FILTER

Test Name		Result	Date	Detection Limi
Methane, dichloro-	ppb	Below Det.	12-27-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	12-27-89	5.00
Methane, tribromo-	ppb	Below Det.	12-27-89	5.00
Methane, trichloro-	ppb	Below Det.	12-27-89	.50
Methane, tetrachloro-	ppb	Below Det.	12-27-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	12-27-89	5.00
Ethane, chloro-	ppb	Below Det.	12-27-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	12-27-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	12-27-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	12-27-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	12-27-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	12-27-89	.70
Ethylene, trichloro	ppb	Below Det.	12-27-89	.60
Ethylene, tetrachloro	ppb	Below Det.	12-27-89	1.20
Ethylene, chloro	ppb	Below Det.	12-27-89	5.00
Cyclohexane	ppb	Below Det.	12-27-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	12-27-89	1.70
Benzene	ppb	Below Det.	12-27-89	.50
Benzene, ethyl	ppb	Below Det.	12-27-89	1.10
Toluene	ppb	Below Det.	12-27-89	1.70
Xylene meta isomer	ppb	Below Det.	12-27-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	12-27-89	1.20
Styrene	ppb	Below Det.	12-27-89	.90

CONTINUED
SAMPLE NUMBER = 140210
SAMPLER COMMENTS = KITCHEN SPIGOT NO FILTER

Test Name		Result	Date	Detection Limi
Benzene, chloro	ppb	Below Det.	12-27-89	1.00
Benzene(s), dichloro	ppb	Below Det.	12-27-89	9.60
Acetone	ppb	Below Det.	12-27-89	50.70
Tetrahydrofuran	ppb	Below Det.	12-27-89	36.30
Ether, diethyl	ppb	Below Det.	12-27-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	12-27-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	12-27-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	12-27-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	12-27-89	1.40
Methane, chloro fluoro	ppb	Below Det.	12-27-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	12-27-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	12-27-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

01-11-90,10:46
SAMPLE 140210

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 140211

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO, HYD
PROGRAM OR HW ID# = 21.03
PERSON SAMPLING = KIM MARGOLIS

DATE SAMPLED = 12-14-89,10:30
DATE LOGGED IN = 12-15-89,10:41
DATE COMPLETED = 12-27-89

OWNERS NAME = IVERSON
ADDRESS = 7 JENNIFER LANE
CITY OR TOWN = RAYMOND

MATRIX = WATER
SAMPLER COMMENTS = KITCHEN SPIGOT NO FILTER

Test Name		Result	Date	Detection Limi
Methane, dichloro-	ppb	Below Det.	12-27-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	12-27-89	5.00
Methane, tribromo-	ppb	Below Det.	12-27-89	5.00
Methane, trichloro-	ppb	Below Det.	12-27-89	.50
Methane, tetrachloro-	ppb	Below Det.	12-27-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	12-27-89	5.00
Ethane, chloro-	ppb	Below Det.	12-27-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	12-27-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	12-27-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	12-27-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	12-27-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	12-27-89	.70
Ethylene, trichloro	ppb	Below Det.	12-27-89	.60
Ethylene, tetrachloro	ppb	Below Det.	12-27-89	1.20
Ethylene, chloro	ppb	Below Det.	12-27-89	5.00
Cyclohexane	ppb	Below Det.	12-27-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	12-27-89	1.70
Benzene	ppb	Below Det.	12-27-89	.50
Benzene, ethyl	ppb	Below Det.	12-27-89	1.10
Toluene	ppb	Below Det.	12-27-89	1.70
Xylene meta isomer	ppb	Below Det.	12-27-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	12-27-89	1.20
Styrene	ppb	Below Det.	12-27-89	.90

CONTINUED
SAMPLE NUMBER = 140211
SAMPLER COMMENTS = KITCHEN SPIGOT NO FILTER

Test Name		Result	Date	Detection Limit
Benzene, chloro	ppb	Below Det.	12-27-89	1.00
Benzene(s), dichloro	ppb	Below Det.	12-27-89	9.60
Acetone	ppb	Below Det.	12-27-89	50.70
Tetrahydrofuran	ppb	Below Det.	12-27-89	36.30
Ether, diethyl	ppb	Below Det.	12-27-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	12-27-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	12-27-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	12-27-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	12-27-89	1.40
Methane, chloro fluoro	ppb	Below Det.	12-27-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	12-27-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	12-27-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

01-11-90,10:47
SAMPLE 140211

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 140212

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO, HYD
PROGRAM OR HW ID# = 21.03
PERSON SAMPLING = KIM MARGOLIS

DATE SAMPLED = 12-14-89,10:40
DATE LOGGED IN = 12-15-89,10:41
DATE COMPLETED = 12-27-89

OWNERS NAME = STILLINGS
ADDRESS = 18 JENNIFER LANE
CITY OR TOWN = RAYMOND

MATRIX = WATER
SAMPLER COMMENTS = KITCHEN SPIGOT NO FILTER

Test Name		Result	Date	Detection Limi
Methane, dichloro-	ppb	Below Det.	12-27-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	12-27-89	5.00
Methane, tribromo-	ppb	Below Det.	12-27-89	5.00
Methane, trichloro-	ppb	Below Det.	12-27-89	.50
Methane, tetrachloro-	ppb	Below Det.	12-27-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	12-27-89	5.00
Ethane, chloro-	ppb	Below Det.	12-27-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	12-27-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	12-27-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	12-27-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	12-27-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	12-27-89	.70
Ethylene, trichloro	ppb	Below Det.	12-27-89	.60
Ethylene, tetrachloro	ppb	Below Det.	12-27-89	1.20
Ethylene, chloro	ppb	Below Det.	12-27-89	5.00
Cyclohexane	ppb	Below Det.	12-27-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	12-27-89	1.70
Benzene	ppb	Below Det.	12-27-89	.50
Benzene, ethyl	ppb	Below Det.	12-27-89	1.10
Toluene	ppb	Below Det.	12-27-89	1.70
Xylene meta isomer	ppb	Below Det.	12-27-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	12-27-89	1.20
Styrene	ppb	Below Det.	12-27-89	.90

CONTINUED
SAMPLE NUMBER = 140212
SAMPLER COMMENTS = KITCHEN SPIGOT NO FILTER

Test Name		Result	Date	Detection Limi
Benzene, chloro	ppb	Below Det.	12-27-89	1.00
Benzene(s), dichloro	ppb	Below Det.	12-27-89	9.60
Acetone	ppb	Below Det.	12-27-89	50.70
Tetrahydrofuran	ppb	Below Det.	12-27-89	36.30
Ether, diethyl	ppb	Below Det.	12-27-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	12-27-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	12-27-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	12-27-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	12-27-89	1.40
Methane, chloro fluoro	ppb	Below Det.	12-27-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	12-27-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	12-27-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

01-11-90,10:48
SAMPLE 140212

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 140213

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO, HYD
PROGRAM OR HW ID# = 21.03
PERSON SAMPLING = KIM MARGOLIS

DATE SAMPLED = 12-14-89,11:30
DATE LOGGED IN = 12-15-89,10:42
DATE COMPLETED = 12-29-89

OWNERS NAME = SCUTO
ADDRESS = 7 BLAKE ROAD
CITY OR TOWN = RAYMOND

MATRIX = WATER
SAMPLER COMMENTS = BACK SPIGOT OUT DOORS NO FILTER

Test Name		Result	Date	Detection Limi
Methane, dichloro-	ppb	Below Det.	12-29-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	12-29-89	5.00
Methane, tribromo-	ppb	Below Det.	12-29-89	5.00
Methane, trichloro-	ppb	Below Det.	12-29-89	.50
Methane, tetrachloro-	ppb	Below Det.	12-29-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	12-29-89	5.00
Ethane, chloro-	ppb	Below Det.	12-29-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	12-29-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	12-29-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	12-29-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	12-29-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	12-29-89	.70
Ethylene, trichloro	ppb	Below Det.	12-29-89	.60
Ethylene, tetrachloro	ppb	Below Det.	12-29-89	1.20
Ethylene, chloro	ppb	Below Det.	12-29-89	5.00
Cyclohexane	ppb	Below Det.	12-29-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	12-29-89	1.70
Benzene	ppb	Below Det.	12-29-89	.50
Benzene, ethyl	ppb	Below Det.	12-29-89	1.10
Toluene	ppb	Below Det.	12-29-89	1.70
Xylene meta isomer	ppb	Below Det.	12-29-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	12-29-89	1.20
Styrene	ppb	Below Det.	12-29-89	.90

CONTINUED
SAMPLE NUMBER = 140213
SAMPLER COMMENTS = BACK SPIGOT OUT DOORS NO FILTER

Test Name		Result	Date	Detection Limit
Benzene, chloro	ppb	Below Det.	12-29-89	1.00
Benzene(s), dichloro	ppb	Below Det.	12-29-89	9.60
Acetone	ppb	Below Det.	12-29-89	50.70
Tetrahydrofuran	ppb	Below Det.	12-29-89	36.30
Ether, diethyl	ppb	Below Det.	12-29-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	12-29-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	12-29-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	12-29-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	12-29-89	1.40
Methane, chloro fluoro	ppb	Below Det.	12-29-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	12-29-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	12-29-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

01-11-90,10:48
SAMPLE 140213

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 140214

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO, HYD
PROGRAM OR HW ID# = 21.03
PERSON SAMPLING = KIM MARGOLIS

DATE SAMPLED = 12-14-89,17:30
DATE LOGGED IN = 12-15-89,10:57
DATE COMPLETED = 12-29-89

OWNERS NAME = OUDEKERK
ADDRESS = 1 HUCKLEBERRY ROAD
CITY OR TOWN = RAYMOND

MATRIX = WATER
SAMPLER COMMENTS = KITCHEN SPIGOT SOFTNER

Test Name		Result	Date	Detection Limi
Methane, dichloro-	ppb	Below Det.	12-29-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	12-29-89	5.00
Methane, tribromo-	ppb	Below Det.	12-29-89	5.00
Methane, trichloro-	ppb	Below Det.	12-29-89	.50
Methane, tetrachloro-	ppb	Below Det.	12-29-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	12-29-89	5.00
Ethane, chloro-	ppb	Below Det.	12-29-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	12-29-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	12-29-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	12-29-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	12-29-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	12-29-89	.70
Ethylene, trichloro	ppb	Below Det.	12-29-89	.60
Ethylene, tetrachloro	ppb	Below Det.	12-29-89	1.20
Ethylene, chloro	ppb	Below Det.	12-29-89	5.00
Cyclohexane	ppb	Below Det.	12-29-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	12-29-89	1.70
Benzene	ppb	Below Det.	12-29-89	.50
Benzene, ethyl	ppb	Below Det.	12-29-89	1.10
Toluene	ppb	Below Det.	12-29-89	1.70
Xylene meta isomer	ppb	Below Det.	12-29-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	12-29-89	1.20
Styrene	ppb	Below Det.	12-29-89	.90

CONTINUED
SAMPLE NUMBER = 140214
SAMPLER COMMENTS = KITCHEN SPIGOT SOFTNER

Test Name		Result	Date	Detection Limi
Benzene, chloro	ppb	Below Det.	12-29-89	1.00
Benzene(s), dichloro	ppb	Below Det.	12-29-89	9.60
Acetone	ppb	Below Det.	12-29-89	50.70
Tetrahydrofuran	ppb	Below Det.	12-29-89	36.30
Ether, diethyl	ppb	Below Det.	12-29-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	12-29-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	12-29-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	12-29-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	12-29-89	1.40
Methane, chloro fluoro	ppb	Below Det.	12-29-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	12-29-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	12-29-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

01-11-90,10:49
SAMPLE 140214

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 140215

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO, HYD
PROGRAM OR HW ID# = 21.03
PERSON SAMPLING = KIM MARGOLIS

DATE SAMPLED = 12-14-89,17:40
DATE LOGGED IN = 12-15-89,10:59
DATE COMPLETED = 12-29-89

OWNERS NAME = CARLETON
ADDRESS = 4 BLACKBERRY ROAD
CITY OR TOWN = RAYMOND

MATRIX = WATER
SAMPLER COMMENTS = BACK SPIGOT NO FILTER

Test Name		Result	Date	Detection Limi
Methane, dichloro-	ppb	Below Det.	12-29-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	12-29-89	5.00
Methane, tribromo-	ppb	Below Det.	12-29-89	5.00
Methane, trichloro-	ppb	Below Det.	12-29-89	.50
Methane, tetrachloro-	ppb	Below Det.	12-29-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	12-29-89	5.00
Ethane, chloro-	ppb	Below Det.	12-29-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	12-29-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	12-29-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	12-29-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	12-29-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	12-29-89	.70
Ethylene, trichloro	ppb	Below Det.	12-29-89	.60
Ethylene, tetrachloro	ppb	Below Det.	12-29-89	1.20
Ethylene, chloro	ppb	Below Det.	12-29-89	5.00
Cyclohexane	ppb	Below Det.	12-29-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	12-29-89	1.70
Benzene	ppb	Below Det.	12-29-89	.50
Benzene, ethyl	ppb	Below Det.	12-29-89	1.10
Toluene	ppb	Below Det.	12-29-89	1.70
Xylene meta isomer	ppb	Below Det.	12-29-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	12-29-89	1.20
Styrene	ppb	Below Det.	12-29-89	.90

CONTINUED
SAMPLE NUMBER = 140215
SAMPLER COMMENTS = BACK SPIGOT NO FILTER

Test Name		Result	Date	Detection Limit
Benzene, chloro	ppb	Below Det.	12-29-89	1.00
Benzene(s), dichloro	ppb	Below Det.	12-29-89	9.60
Acetone	ppb	Below Det.	12-29-89	50.70
Tetrahydrofuran	ppb	Below Det.	12-29-89	36.30
Ether, diethyl	ppb	Below Det.	12-29-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	12-29-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	12-29-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	12-29-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	12-29-89	1.40
Methane, chloro fluoro	ppb	Below Det.	12-29-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	12-29-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	12-29-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

01-11-90,10:50
SAMPLE 140215

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 140216

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO, HYD
PROGRAM OR HW ID# = 21.03
PERSON SAMPLING = KIM MARGOLIS

DATE SAMPLED = 12-14-89
DATE LOGGED IN = 12-15-89,10:59
DATE COMPLETED = 12-29-89

OWNERS NAME = BIRMICOMB
ADDRESS = 44 BLUEBERRY HILL ROAD
CITY OR TOWN = RAYMOND

MATRIX = KITCHEN SPIGOT NO SOFTENER
SAMPLER COMMENTS = KITCHEN SPIGOT NO SOFTENER

Test Name		Result	Date	Detection Limi
Methane, dichloro-	ppb	Below Det.	12-29-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	12-29-89	5.00
Methane, tribromo-	ppb	Below Det.	12-29-89	5.00
Methane, trichloro-	ppb	Below Det.	12-29-89	.50
Methane, tetrachloro-	ppb	Below Det.	12-29-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	12-29-89	5.00
Ethane, chloro-	ppb	Below Det.	12-29-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	12-29-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	12-29-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	12-29-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	12-29-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	12-29-89	.70
Ethylene, trichloro	ppb	Below Det.	12-29-89	.60
Ethylene, tetrachloro	ppb	Below Det.	12-29-89	1.20
Ethylene, chloro	ppb	Below Det.	12-29-89	5.00
Cyclohexane	ppb	Below Det.	12-29-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	12-29-89	1.70
Benzene	ppb	Below Det.	12-29-89	.50
Benzene, ethyl	ppb	Below Det.	12-29-89	1.10
Toluene	ppb	Below Det.	12-29-89	1.70
Xylene meta isomer	ppb	Below Det.	12-29-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	12-29-89	1.20
Styrene	ppb	Below Det.	12-29-89	.90

CONTINUED
SAMPLE NUMBER = 140216
SAMPLER COMMENTS = KITCHEN SPIGOT NO SOFTENER

Test Name		Result	Date	Detection Limi
Benzene, chloro	ppb	Below Det.	12-29-89	1.00
Benzene(s), dichloro	ppb	Below Det.	12-29-89	9.60
Acetone	ppb	Below Det.	12-29-89	50.70
Tetrahydrofuran	ppb	Below Det.	12-29-89	36.30
Ether, diethyl	ppb	Below Det.	12-29-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	12-29-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	12-29-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	12-29-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	12-29-89	1.40
Methane, chloro fluoro	ppb	Below Det.	12-29-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	12-29-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	12-29-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

01-11-90,10:51
SAMPLE 140216

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 140217

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO, HYD
PROGRAM OR HW ID# = 21.03
PERSON SAMPLING = KIM MARGOLIS

DATE SAMPLED = 12-14-89,18:20
DATE LOGGED IN = 12-15-89,11:00
DATE COMPLETED = 12-29-89

OWNERS NAME = SID VALLET
ADDRESS = 18 BLUEBERRY HILL ROAD
CITY OR TOWN = RAYMOND

MATRIX = WATER
SAMPLER COMMENTS = KITCHEN SPIGOT NO SOFTNER

Test Name		Result	Date	Detection Limi
Methane, dichloro-	ppb	Below Det.	12-29-89	4.00
Methane, dichlorobromo-	ppb	Below Det.	12-29-89	5.00
Methane, tribromo-	ppb	Below Det.	12-29-89	5.00
Methane, trichloro-	ppb	Below Det.	12-29-89	.50
Methane, tetrachloro-	ppb	Below Det.	12-29-89	5.00
Methane, chlorodibromo-	ppb	Below Det.	12-29-89	5.00
Ethane, chloro-	ppb	Below Det.	12-29-89	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	12-29-89	.50
Ethane, 1,2 dichloro	ppb	Below Det.	12-29-89	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	12-29-89	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	12-29-89	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	12-29-89	.70
Ethylene, trichloro	ppb	Below Det.	12-29-89	.60
Ethylene, tetrachloro	ppb	Below Det.	12-29-89	1.20
Ethylene, chloro	ppb	Below Det.	12-29-89	5.00
Cyclohexane	ppb	Below Det.	12-29-89	5.00
Ether, methyl t-butyl	ppb	Below Det.	12-29-89	1.70
Benzene	ppb	Below Det.	12-29-89	.50
Benzene, ethyl	ppb	Below Det.	12-29-89	1.10
Toluene	ppb	Below Det.	12-29-89	1.70
Xylene meta isomer	ppb	Below Det.	12-29-89	1.30
Xylenes (ortho & para)	ppb	Below Det.	12-29-89	1.20
Styrene	ppb	Below Det.	12-29-89	.90

CONTINUED
SAMPLE NUMBER = 140217
SAMPLER COMMENTS = KITCHEN SPIGOT NO SOFTNER

Test Name		Result	Date	Detection Limi
Benzene, chloro	ppb	Below Det.	12-29-89	1.00
Benzene(s), dichloro	ppb	Below Det.	12-29-89	9.60
Acetone	ppb	Below Det.	12-29-89	50.70
Tetrahydrofuran	ppb	Below Det.	12-29-89	36.30
Ether, diethyl	ppb	Below Det.	12-29-89	3.30
Ketone, methyl ethyl	ppb	Below Det.	12-29-89	27.70
Ketone, isobutyl methyl	ppb	Below Det.	12-29-89	4.36
Methane, trichlorofluoro	ppb	Below Det.	12-29-89	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	12-29-89	1.40
Methane, chloro fluoro	ppb	Below Det.	12-29-89	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	12-29-89	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	12-29-89	5.00

Lab Comments

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

01-11-90,10:52
SAMPLE 140217

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 140218

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO, HYD
PROGRAM OR HW ID# = 21.03
PERSON SAMPLING = KIM MARGOLIS

DATE SAMPLED = 12-14-89,20:35
DATE LOGGED IN = 12-15-89,11:01
DATE COMPLETED = 12-29-89

OWNERS NAME =
ADDRESS =
CITY OR TOWN = RAYMOND

MATRIX = WATER
SAMPLER COMMENTS = TRIP BLANK

Test Name		Result	Date	Detection Limi
Methane, dichloro-	ppb	deleted	12-29-89	
Methane, dichlorobromo-	ppb	deleted	12-29-89	
Methane, tribromo-	ppb	deleted	12-29-89	
Methane, trichloro-	ppb	deleted	12-29-89	
Methane, tetrachloro-	ppb	deleted	12-29-89	
Methane, chlorodibromo-	ppb	deleted	12-29-89	
Ethane, chloro-	ppb	deleted	12-29-89	
Ethane, 1,1 dichloro	ppb	deleted	12-29-89	
Ethane, 1,2 dichloro	ppb	deleted	12-29-89	
Ethane, 1,1,1trichloro	ppb	deleted	12-29-89	
Ethylene, 1,1 dichloro	ppb	deleted	12-29-89	
Ethylene, 1,2dichloro(ct)	ppb	deleted	12-29-89	
Ethylene, trichloro	ppb	deleted	12-29-89	
Ethylene, tetrachloro	ppb	deleted	12-29-89	
Ethylene, chloro	ppb	deleted	12-29-89	
Cyclohexane	ppb	deleted	12-29-89	
Ether, methyl t-butyl	ppb	deleted	12-29-89	
Benzene	ppb	deleted	12-29-89	
Benzene, ethyl	ppb	deleted	12-29-89	
Toluene	ppb	deleted	12-29-89	
Xylene meta isomer	ppb	deleted	12-29-89	
Xylenes (ortho & para)	ppb	deleted	12-29-89	
Styrene	ppb	deleted	12-29-89	

CONTINUED
SAMPLE NUMBER = 140218
SAMPLER COMMENTS = TRIP BLANK

Test Name		Result	Date	Detection Limi
Benzene, chloro	ppb	deleted	12-29-89	
Benzene(s), dichloro	ppb	deleted	12-29-89	
Acetone	ppb	deleted	12-29-89	
Tetrahydrofuran	ppb	deleted	12-29-89	
Ether, diethyl	ppb	deleted	12-29-89	
Ketone, methyl ethyl	ppb	deleted	12-29-89	
Ketone, isobutyl methyl	ppb	deleted	12-29-89	
Methane, trichlorofluoro	ppb	deleted	12-29-89	
Ethane,tri(chloro-fluoro)	ppb	deleted	12-29-89	
Methane, chloro fluoro	ppb	deleted	12-29-89	
Methane,di(chloro-fluoro)	ppb	deleted	12-29-89	
Ethane, dichloro,trifluor	ppb	deleted	12-29-89	

Lab Comments

SAMPLE DELETED BECAUSE OF MS FAILURE.

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

01-11-90,10:52
SAMPLE 140218

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SAMPLE NUMBER 140219

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO, HYD
PROGRAM OR HW ID# = 21.03
PERSON SAMPLING = KIM MARGOLIS

DATE SAMPLED = 12-14-89,10:40
DATE LOGGED IN = 12-15-89,11:02
DATE COMPLETED = 12-29-89

OWNERS NAME = STILLINGE
ADDRESS =
CITY OR TOWN = RAYMOND

MATRIX = WATER
SAMPLER COMMENTS = DUPLICATE OF 140212

Test Name		Result	Date	Detection Limi
Methane, dichloro-	ppb	deleted	12-29-89	
Methane, dichlorobromo-	ppb	deleted	12-29-89	
Methane, tribromo-	ppb	deleted	12-29-89	
Methane, trichloro-	ppb	deleted	12-29-89	
Methane, tetrachloro-	ppb	deleted	12-29-89	
Methane, chlorodibromo-	ppb	deleted	12-29-89	
Ethane, chloro-	ppb	deleted	12-29-89	
Ethane, 1,1 dichloro	ppb	deleted	12-29-89	
Ethane, 1,2 dichloro	ppb	deleted	12-29-89	
Ethane, 1,1,1trichloro	ppb	deleted	12-29-89	
Ethylene, 1,1 dichloro	ppb	deleted	12-29-89	
Ethylene, 1,2dichloro(ct)	ppb	deleted	12-29-89	
Ethylene, trichloro	ppb	deleted	12-29-89	
Ethylene, tetrachloro	ppb	deleted	12-29-89	
Ethylene, chloro	ppb	deleted	12-29-89	
Cyclohexane	ppb	deleted	12-29-89	
Ether, methyl t-butyl	ppb	deleted	12-29-89	
Benzene	ppb	deleted	12-29-89	
Benzene, ethyl	ppb	deleted	12-29-89	
Toluene	ppb	deleted	12-29-89	
Xylene meta isomer	ppb	deleted	12-29-89	
Xylenes (ortho & para)	ppb	deleted	12-29-89	
Styrene	ppb	deleted	12-29-89	

CONTINUED
SAMPLE NUMBER = 140219
SAMPLER COMMENTS = DUPLICATE OF 140212

Test Name		Result	Date	Detection Limi
Benzene, chloro	ppb	deleted	12-29-89	
Benzene(s), dichloro	ppb	deleted	12-29-89	
Acetone	ppb	deleted	12-29-89	
Tetrahydrofuran	ppb	deleted	12-29-89	
Ether, diethyl	ppb	deleted	12-29-89	
Ketone, methyl ethyl	ppb	deleted	12-29-89	
Ketone, isobutyl methyl	ppb	deleted	12-29-89	
Methane, trichlorofluoro	ppb	deleted	12-29-89	
Ethane,tri(chloro-fluoro)	ppb	deleted	12-29-89	
Methane, chloro fluoro	ppb	deleted	12-29-89	
Methane,di(chloro-fluoro)	ppb	deleted	12-29-89	
Ethane, dichloro,trifluor	ppb	deleted	12-29-89	

Lab Comments

SAMPLE DELETED BECAUSE OF MS FAILURE.

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

01-11-90,10:53
SAMPLE 140219

```
SEARCH & LIST TIME  630.01  SECONDS, ANOTHER SEARCH ?            PROGRAM RX75

      NUMBERS - or RANGE
      S# for Start Value
--------------------------------
1     ----->   Private
2     ----->   Community
3     ----->   Non-Community
4     ----->   WS&PCC Division
5     ----->   State Agency
6     ----->   Other (to Bill)
7     ----->   Quality Control
8     ----->   Health Officer
9     ----->   HW&GPD Env. Serv
10    ----->   Air Resources
11    ----->   Waste Management
12    ----->   DES Lab Internal
13    ----->   Other Lab's Data

ENTER THE TYPE  [ 1 to 13 ]   ?
```

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
Volatile Organic Report

SEARCH & LIST TIME 73.95 SECONDS, ANOTHER SEARCH ?

SAMPLE NUMBER 140304

TYPE OF SAMPLE = 11 -----> Waste Management
DIVISION = RAYMOND, MOTTOLO,RI/FS
PROGRAM OR HW ID# = 21.04
PERSON SAMPLING = KIM MARGOLIES

DATE SAMPLED = 12-18-89,17:00
DATE LOGGED IN = 12-19-89,10:19
DATE COMPLETED = 01-03-90

OWNERS NAME = SENSALE
ADDRESS =
CITY OR TOWN = RAYMOND

Test Name		Result	Date	Detection Limi
Methane, dichloro-	ppb	Below Det.	01-03-90	4.00
Methane, dichlorobromo-	ppb	Below Det.	01-03-90	5.00
Methane, tribromo-	ppb	Below Det.	01-03-90	5.00
Methane, trichloro-	ppb	Below Det.	01-03-90	.50
Methane, tetrachloro-	ppb	Below Det.	01-03-90	5.00
Methane, chlorodibromo-	ppb	Below Det.	01-03-90	5.00
Ethane, chloro-	ppb	Below Det.	01-03-90	2.40
Ethane, 1,1 dichloro	ppb	Below Det.	01-03-90	.50
Ethane, 1,2 dichloro	ppb	Below Det.	01-03-90	.80
Ethane, 1,1,1trichloro	ppb	Below Det.	01-03-90	.40
Ethylene, 1,1 dichloro	ppb	Below Det.	01-03-90	.40
Ethylene, 1,2dichloro(ct)	ppb	Below Det.	01-03-90	.70
Ethylene, trichloro	ppb	Below Det.	01-03-90	.60
Ethylene, tetrachloro	ppb	Below Det.	01-03-90	1.20
Ethylene, chloro	ppb	Below Det.	01-03-90	5.00
Cyclohexane	ppb	Below Det.	01-03-90	5.00
Ether, methyl t-butyl	ppb	Below Det.	01-03-90	1.70
Benzene	ppb	Below Det.	01-03-90	.50
Benzene, ethyl	ppb	Below Det.	01-03-90	1.10
Toluene	ppb	Below Det.	01-03-90	1.70
Xylene meta isomer	ppb	Below Det.	01-03-90	1.30
Xylenes (ortho & para)	ppb	Below Det.	01-03-90	1.20
Styrene	ppb	Below Det.	01-03-90	.90

CONTINUED
SAMPLE NUMBER = 140304

Test Name		Result	Date	Detection Limit
Benzene, chloro	ppb	Below Det.	01-03-90	1.00
Benzene(s), dichloro	ppb	Below Det.	01-03-90	9.60
Acetone	ppb	Below Det.	01-03-90	50.70
Tetrahydrofuran	ppb	Below Det.	01-03-90	36.30
Ether, diethyl	ppb	Below Det.	01-03-90	3.30
Ketone, methyl ethyl	ppb	Below Det.	01-03-90	27.70
Ketone, isobutyl methyl	ppb	Below Det.	01-03-90	4.36
Methane, trichlorofluoro	ppb	Below Det.	01-03-90	5.00
Ethane,tri(chloro-fluoro)	ppb	Below Det.	01-03-90	1.40
Methane, chloro fluoro	ppb	Below Det.	01-03-90	5.00
Methane,di(chloro-fluoro)	ppb	Below Det.	01-03-90	5.00
Ethane, dichloro,trifluor	ppb	Below Det.	01-03-90	5.00

Lab Comments

KITCHEN SPIGOT, NO FILTER

Below Det.= Below Detection Limit
> = greater than, < = less than
ppb = parts per billion

01-12-90,10:34
SAMPLE 140304