

June 14, 2011

Ms. Valerie Woodward Division of Environmental Remediation New York State Department of Environmental Conservation 625 Broadway Albany, New York 12233-7017

RE: Vatrano Road 2011 Annual Groundwater Monitoring Results CHA Project No. 21273.1001.31000

Dear Ms. Woodward:

As noted in your letter dated March 14, 2011, the need for any subsequent submission of a Periodic Review Report is to be determined by the approval date of the 2010 Periodic Review Report, which has yet to be approved. Since a Periodic Review Report will not be submitted for this year's monitoring event, we are transmitting to you the results obtained during our most recent monitoring event conducted at the Vatrano Road Site on April 11 and 12, 2011. Enclosed as Attachment A please find a summary table of the analytical results. The complete laboratory analytical report has been included as Attachment B.

Please do not hesitate to contact either of the undersigned with any questions or comments regarding this submission.

Sincerely,

Sarah Newell Project Geologist

Sonah D Newell

Keith Ziobron Associate

SDN/

cc: Dawn Varacchi-Ives, GE w/ enclosure

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ATTACHMENT A

Groundwater Analytical Results Summary Table

GROUNDWATER ANALYSIS SUMMARY TABLE - DETECTIONS ONLY

Vatrano Road Albany, NY

Parameter (ug/l) [*]					WELL N	NUMBER				
Date Sampled	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10**
Total PCB's [0.09]		- 155								
Aug-91 Jul-97	ND NA	5.180 3.190	1.200 0.680	ND NA	ND NA	ND NA	ND ND	ND ND	ND ND	ND ND
Apr-98	ND ND	0.383	0.660 ND	NA ND	17.000	NA ND	ND ND	ND ND	ND ND	ND
Oct-98	ND	0.3J	ND	ND	1.200	ND	ND	ND	ND	ND
Apr-99	ND	1.390	ND	ND	4.800	ND	ND	ND	ND	ND
Oct-99	ND	0.850	ND	ND	2.000	ND	ND	ND	ND	ND
Apr-00	ND	0.610	ND	ND	0.570	ND	ND	ND	ND	ND
Mar-01 Mar-02	ND ND	1.011 1.240	ND ND	ND ND	1.400 0.720	ND ND	ND ND	ND ND	ND ND	ND 0.220
Mar-03	ND	1.820	ND ND	ND	6.270	ND ND	ND	ND	ND	10.300
Apr-04	ND	0.910	ND	ND	12.300	ND	ND	ND	ND	12.200
Apr-05	NA	0.530E	ND	ND	0.138E	0.103	ND	ND	ND	0.088E
Apr-06	ND	0.341	ND	ND	ND	ND	ND	ND	ND	0.071
Apr-07 Apr-08	ND ND	0.066 0.526	ND ND	ND ND	0.68 ND	ND ND	ND ND	ND ND	0.561 0.152	ND ND
Арг-06 Арг-09	ND ND	0.480	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND
Apr-10	ND	0.518	ND	ND	ND	ND	ND	ND	ND	ND
Apr-11	ND	0.860	NS†	ND	ND	ND	ND	NS†	ND	ND
Trichloroethene [5]										
Aug-91	ND	24	ND	ND	ND	ND	ND	ND	ND	ND
Jul-97	NA	ND	ND	NA	NA	NA	ND	ND	ND	ND
Apr-98 Oct-98	ND ND	23 89	ND ND	ND ND	ND ND	ND ND	ND 3J	ND ND	ND ND	ND ND
Apr-99	ND ND	47	ND ND	ND ND	ND ND	ND ND	ND	ND ND	ND ND	ND
Oct-99	ND	36	ND	ND	ND	ND	2J	ND	ND	ND
Apr-00	ND	22	ND	ND	ND	ND	ND	ND	ND	ND
Mar-01	ND	17	ND	ND	ND	ND	ND	ND	ND	ND
Mar-02	ND	37	ND	ND	ND	ND	ND	ND	ND	ND
Mar-03 Apr-04	ND ND	20 37	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
Apr-04 Apr-05	NA NA	22	ND ND	ND ND	ND ND	ND ND	ND	ND ND	ND	ND
Apr-06	ND	23	ND	ND	ND	ND	ND	ND	ND	ND
Apr-07	ND	18	ND	ND	ND	ND	ND	ND	ND	ND
Apr-08	ND	51	ND	ND	ND	ND	ND	ND	ND	ND
Apr-09	ND	55	ND	ND	ND	ND	ND	ND	ND	ND
Apr-10 Apr-11	ND ND	62 54	ND NS†	ND ND	ND ND	ND ND	ND ND	ND NS†	ND ND	ND ND
Tetrachloroethene [5]	ND	J 4	1401	ND	ND	ND	ND	1401	ND	ND
Aug-91	ND	56	ND	ND	ND	ND	ND	ND	ND	ND
Jul-97	NA	20	ND	NA	NA	NA	ND	ND	ND	ND
Apr-98	ND	270	ND	ND	ND	ND	ND	ND	ND	ND
Oct-98	ND	460	ND	ND	ND	ND	3J	ND	ND	ND
Apr-99 Oct-99	ND ND	160 150	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
Apr-00	ND	120	ND	ND	ND ND	ND ND	ND	ND	ND	ND
Mar-01	ND	140	ND	ND	ND	ND	5	ND	ND	ND
Mar-02	ND	220	ND	ND	ND	ND	ND	ND	ND	ND
Mar-03	ND	110	ND	ND	ND	ND	6.2	ND	ND	ND
Apr-04 Apr-05	ND NA	160 160	ND ND	ND ND	ND ND	ND ND	5.3 ND	ND ND	ND ND	ND ND
Apr-06	ND	170	ND ND	ND ND	ND ND	ND ND	ND	ND	ND ND	ND
Apr-07	ND	120	ND	ND	ND	ND	ND	ND	ND	ND
Apr-08	ND	180	ND	ND	ND	ND	ND	ND	ND	ND
Apr-09	ND	330	ND	ND	ND	ND	ND	ND	ND	ND
Apr-10 Apr-11	ND ND	320 200 E	ND NS†	ND ND	ND ND	ND ND	ND 8.9	ND NS†	ND ND	ND ND
1,2 Dichloroethene [5]	שאו	200 L	. 101	IND	ואט	ואט	0.0	1 1101	שויו	שויו
Aug-91	ND	74	4J	7	ND	ND	2J	ND	ND	ND
Jul-97	NA	ND	ND	NA	NA	NA	ND	ND	ND	ND
Apr-98	ND	78	ND	ND	ND	ND	ND	ND	ND	ND
Oct-98	ND	350	4J	10	ND	ND	4J	ND	ND	12
Apr-99 Oct-99	ND ND	230 130	ND 5	7 8	ND ND	ND ND	5 5	ND ND	ND ND	7
Apr-00	ND ND	73	ND	5.1	ND ND	ND ND	6	ND ND	ND ND	5.3
Mar-01	ND	57	9	5	ND	ND	6	ND	ND	ND
Mar-02	ND	160	ND	ND	ND	ND	ND	ND	ND	ND
Mar-03	ND	62	7.5	ND	ND	ND	11	ND	ND	ND
Apr-04	ND	120	9.5	9.1	ND	ND	12	ND	ND	ND
Apr-05 Apr-06	NA ND	63 ND	ND ND	5.4 5.3	ND ND	ND ND	6.3	ND ND	ND ND	ND ND
Apr-06 Apr-07	ND ND	64	ND ND	5.3 ND	ND ND	ND ND	5.6 6.6	ND ND	ND ND	ND ND
Apr-08	ND	130	ND	ND ND	ND ND	ND ND	5.5	ND ND	ND	ND
Apr-09	ND	180	ND	7.6	ND	ND	8.3	ND	ND	ND
Apr-10	ND	160	ND	ND	ND	ND	ND	ND	ND	ND
Apr-11	ND	110	NS†	ND	ND	ND	13	NS†	ND	ND

GROUNDWATER ANALYSIS SUMMARY TABLE - DETECTIONS ONLY

Vatrano Road Albany, NY

Cheesengeed	Parameter (ug/l) [*]					WELL N	NUMBER				
Aug-91	Date Sampled	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10**
Mar Mar			•	•			•				
Agr-98											
Oct-98		_									1
Apr-98	<u> </u>										
Cot-99											
Apr-00											1
Mar-02											
Mar-02											
Mar-93											
Apr-04											
Apr-05											
Apr-06											
Apr-98 ND										ND	
Apr-09	Apr-07										
Apr-10 ND											
Apr-11											
Total Mercury (0.7) Aug-91 NA NA NA NA NA NA NA NA NA N											
Aug-91		ND	7.2	INST	ND	ND	ND	ND	1491	ND	ND
Jul-97	7 7 7	NΙΔ	NΙΔ	NΙΔ	NΙΛ	NΙΛ	NΙΛ	NΙΛ	NΙΛ	NΙΛ	I NIA
Apr-98											
Oct-98											
Apr-99											
Oct-99											
Mar-01		0.20	0.19B	0.16B	0.09B	0.18B	0.19B	0.17B	0.17B	0.21	0.20
Mar-02											
Mar-03											
Apr-04											
Apr-05											
Apr-06											
Apr-07											
Apr-08											
Apr-09	<u> </u>										
Apr-10											
Apr-11	<u> </u>										
Total Lead [25]											
Aug-91 NA		101	1471	1101	107	147 (10.0	107	1401	ND	1471
Jul-97		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Apr-98											
Apr-99											
Oct-99	Oct-98					32.5					
Apr-00											
Mar-01											
Mar-02											
Mar-03											
Apr-04											
Apr-05											
Apr-06											
Apr-07											
Apr-08				ND	ND		ND	ND	ND	ND	
Apr-09	Apr-07	ND							ND		ND
Apr-10 NA 1		ND			ND				- 1		1
Vinyl Chloride [2] Apr-08 ND 33 ND ND<	Apr-08	ND NA ¹	ND			NA ¹		NA ¹	NA '	ND	NA '
Apr-08 ND 33 ND ND <th< td=""><td>Apr-08 Apr-09</td><td>ND NA ¹ NA ¹</td><td>ND NA ¹ NA ¹</td><td>NA ¹</td><td>NA ¹</td><td>NA ¹</td><td>NA ¹</td><td>NA ¹</td><td>NA ¹</td><td>ND</td><td>NA ¹</td></th<>	Apr-08 Apr-09	ND NA ¹ NA ¹	ND NA ¹ NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	ND	NA ¹
Apr-09 ND ND <th< td=""><td>Apr-08 Apr-09 Apr-10 Apr-11</td><td>ND NA ¹ NA ¹</td><td>ND NA ¹ NA ¹</td><td>NA ¹</td><td>NA ¹</td><td>NA ¹</td><td>NA ¹</td><td>NA ¹</td><td>NA ¹</td><td>ND</td><td>NA ¹</td></th<>	Apr-08 Apr-09 Apr-10 Apr-11	ND NA ¹ NA ¹	ND NA ¹ NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	ND	NA ¹
Apr-10 ND ND <th< td=""><td>Apr-08 Apr-09 Apr-10 Apr-11 Vinyl Chloride [2]</td><td>ND NA ¹ NA ¹ NA ¹</td><td>ND NA ¹ NA ¹ NA ¹</td><td>NA ¹ NA ¹ NS†</td><td>NA ¹ NA ¹ NA ¹</td><td>NA ¹ NA ¹ NA ¹</td><td>NA ¹ NA ¹ NA ¹</td><td>NA ¹ NA ¹</td><td>NA ¹ NS†</td><td>ND ND</td><td>NA ¹ NA ¹</td></th<>	Apr-08 Apr-09 Apr-10 Apr-11 Vinyl Chloride [2]	ND NA ¹ NA ¹ NA ¹	ND NA ¹ NA ¹ NA ¹	NA ¹ NA ¹ NS†	NA ¹ NA ¹ NA ¹	NA ¹ NA ¹ NA ¹	NA ¹ NA ¹ NA ¹	NA ¹ NA ¹	NA ¹ NS†	ND ND	NA ¹ NA ¹
Apr-11 ND 27 NS† ND ND <t< td=""><td>Apr-08 Apr-09 Apr-10 Apr-11 Vinyl Chloride [2] Apr-08</td><td>ND NA 1 NA 1 NA 1 NA 1</td><td>ND NA ¹ NA ¹ NA ¹</td><td>NA ¹ NA ¹ NS†</td><td>NA ¹ NA ¹ NA ¹ ND</td><td>NA ¹ NA ¹ NA ¹ ND</td><td>NA ¹ NA ¹ NA ¹ ND</td><td>NA ¹ NA ¹</td><td>NA ¹ NS†</td><td>ND ND</td><td>NA ¹ NA ¹ ND</td></t<>	Apr-08 Apr-09 Apr-10 Apr-11 Vinyl Chloride [2] Apr-08	ND NA 1 NA 1 NA 1 NA 1	ND NA ¹ NA ¹ NA ¹	NA ¹ NA ¹ NS†	NA ¹ NA ¹ NA ¹ ND	NA ¹ NA ¹ NA ¹ ND	NA ¹ NA ¹ NA ¹ ND	NA ¹ NA ¹	NA ¹ NS†	ND ND	NA ¹ NA ¹ ND
1,3-Dichlorobenzene [3] Apr-11 ND 5.7 NS† ND ND ND ND NS† ND ND 1,4-Dichlorobenzene [3] ND	Apr-08 Apr-09 Apr-10 Apr-11 Vinyl Chloride [2] Apr-08 Apr-09	ND NA NA NA NA NA NA NA ND	ND NA ¹ NA ¹ NA ¹	NA ¹ NA ¹ NS† ND	NA ¹ NA ¹ NA ¹ ND ND	NA ¹ NA ¹ NA ¹ ND ND	NA ¹ NA ¹ NA ¹ ND ND	NA 1 NA 1 ND ND	NA ¹ NS† ND ND	ND ND ND	NA ¹ NA ¹ ND ND
Apr-11 ND 5.7 NS† ND <	Apr-08 Apr-09 Apr-10 Apr-11 Vinyl Chloride [2] Apr-08 Apr-09 Apr-10	ND NA NA NA NA NA NA NA ND ND	ND NA 1 NA 1 NA 1 NA 1 NA 1 NA 1	NA 1 NA 1 NS†	NA 1 NA 1 NA 1 ND ND	NA ¹ NA ¹ NA ¹ ND ND ND	NA 1 NA 1 NA 1 ND ND	NA 1 NA 1 ND ND ND	NA ¹ NS† ND ND ND ND	ND ND ND ND	NA 1 NA 1 ND ND ND
1,4-Dichlorobenzene [3] Apr-11 ND 9.4 NS† ND ND ND NS† ND ND 1,2,4-Trimethylbenzene [5] Apr-11 ND 5.3 NS† ND ND ND NS† ND ND Benzene [1] ND NS† ND ND ND ND ND ND	Apr-08 Apr-09 Apr-10 Apr-11 Vinyl Chloride [2] Apr-08 Apr-09 Apr-10 Apr-11	ND NA NA NA NA NA NA NA ND ND	ND NA NA NA NA NA NA NA NA ND ND	NA 1 NA 1 NS†	NA 1 NA 1 NA 1 ND ND	NA ¹ NA ¹ NA ¹ ND ND ND	NA 1 NA 1 NA 1 ND ND	NA 1 NA 1 ND ND ND	NA ¹ NS† ND ND ND ND	ND ND ND ND	NA 1 NA 1 ND ND ND
Apr-11 ND 9.4 NS† ND ND ND NS† ND ND 1,2,4-Trimethylbenzene [5] Apr-11 ND 5.3 NS† ND ND ND NS† ND ND Benzene [1] Benzene [1] ND	Apr-08 Apr-09 Apr-10 Apr-11 Vinyl Chloride [2] Apr-08 Apr-09 Apr-10 Apr-11 1,3-Dichlorobenzene [3]	ND NA 1 NA 1 NA 1 ND ND ND ND ND ND	ND NA 1 NA 1 NA 1 NA 1 NA 1 NA 1 33 ND ND ND 27	NA 1 NA 1 NS† ND ND ND ND NS†	NA 1 NA 1 NA 1 ND ND ND ND	NA 1 NA 1 NA 1 ND ND ND ND	NA 1 NA 1 NA 1 ND ND ND ND	NA 1 NA 1 ND ND ND ND ND	NA 1 NS† ND ND ND ND NS†	ND ND ND ND ND ND	NA 1 NA 1 ND ND ND ND ND
1,2,4-Trimethylbenzene [5] Apr-11 ND 5.3 NS† ND ND ND NS† ND ND Benzene [1]	Apr-08 Apr-09 Apr-10 Apr-11 Vinyl Chloride [2] Apr-08 Apr-09 Apr-10 Apr-11 1,3-Dichlorobenzene [3] Apr-11	ND NA 1 NA 1 NA 1 ND ND ND ND ND ND	ND NA 1 NA 1 NA 1 NA 1 NA 1 NA 1 33 ND ND ND 27	NA 1 NA 1 NS† ND ND ND ND NS†	NA 1 NA 1 NA 1 ND ND ND ND	NA 1 NA 1 NA 1 ND ND ND ND	NA 1 NA 1 NA 1 ND ND ND ND	NA 1 NA 1 ND ND ND ND ND	NA 1 NS† ND ND ND ND NS†	ND ND ND ND ND ND	NA 1 NA 1 ND ND ND ND ND
Apr-11 ND 5.3 NS† ND ND ND NS† ND ND Benzene [1]	Apr-08 Apr-09 Apr-10 Apr-11 Vinyl Chloride [2] Apr-08 Apr-09 Apr-10 Apr-11 1,3-Dichlorobenzene [3] Apr-11 1,4-Dichlorobenzene [3]	ND NA 1 NA 1 NA 1 ND ND ND ND ND ND ND ND ND	ND NA 1 NA 1 NA 1 NA 1 NA 1 33 ND ND 27	NA 1 NA 1 NS† ND ND ND ND NS†	NA 1 NA 1 NA 1 ND ND ND ND ND ND ND	NA 1 NA 1 NA 1 ND ND ND ND ND ND ND	NA 1 NA 1 NA 1 ND ND ND ND ND ND ND	NA 1 NA 1 ND ND ND ND ND	NA 1 NS† ND ND ND NS†	ND ND ND ND ND ND	NA 1 NA 1 ND ND ND ND ND
Benzene [1]	Apr-08 Apr-09 Apr-10 Apr-11 Vinyl Chloride [2] Apr-08 Apr-09 Apr-10 Apr-11 1,3-Dichlorobenzene [3] Apr-11 1,4-Dichlorobenzene [3] Apr-11	ND NA 1 NA 1 NA 1 ND ND ND ND ND ND ND ND ND	ND NA 1 NA 1 NA 1 NA 1 NA 1 33 ND ND 27	NA 1 NA 1 NS† ND ND ND ND NS†	NA 1 NA 1 NA 1 ND ND ND ND ND ND ND	NA 1 NA 1 NA 1 ND ND ND ND ND ND ND	NA 1 NA 1 NA 1 ND ND ND ND ND ND ND	NA 1 NA 1 ND ND ND ND ND	NA 1 NS† ND ND ND NS†	ND ND ND ND ND ND	NA 1 NA 1 ND ND ND ND ND
	Apr-08 Apr-09 Apr-10 Apr-11 Vinyl Chloride [2] Apr-08 Apr-09 Apr-10 Apr-11 1,3-Dichlorobenzene [3] Apr-11 1,4-Dichlorobenzene [3] Apr-11 1,2,4-Trimethylbenzene [5]	ND NA NA NA NA NA ND	ND NA NA NA NA NA NA ND ND ND 27 5.7	NA 1 NA 1 NS† ND ND ND ND NS† NS†	NA 1 NA 1 NA 1 ND ND ND ND ND ND ND ND ND	NA 1 NA 1 NA 1 ND ND ND ND ND ND ND ND	NA 1 NA 1 NA 1 ND ND ND ND ND ND ND ND ND	NA 1 NA 1 ND ND ND ND ND	NA 1 NS† ND ND ND NS† NS†	ND ND ND ND ND ND ND ND ND	NA 1 NA 1 ND ND ND ND ND
	Apr-08 Apr-09 Apr-10 Apr-11 Vinyl Chloride [2] Apr-08 Apr-09 Apr-10 Apr-11 1,3-Dichlorobenzene [3] Apr-11 1,4-Dichlorobenzene [3] Apr-11 1,2,4-Trimethylbenzene [5] Apr-11	ND NA NA NA NA NA ND	ND NA NA NA NA NA NA ND ND ND 27 5.7	NA 1 NA 1 NS† ND ND ND ND NS† NS†	NA 1 NA 1 NA 1 ND ND ND ND ND ND ND ND ND	NA 1 NA 1 NA 1 ND ND ND ND ND ND ND ND	NA 1 NA 1 NA 1 ND ND ND ND ND ND ND ND ND	NA 1 NA 1 ND ND ND ND ND	NA 1 NS† ND ND ND NS† NS†	ND ND ND ND ND ND ND ND ND	NA 1 NA 1 ND ND ND ND ND

[*] Groundwater Standard Guidance Value Shaded Values Are Above The Standard

B = Less Than Contract Detection Limits

ND = Below Detection Limits NA = Not Analyzed J = Semi-qualitative value, Conc. Below CRQCL D = Filtered sample was non-detect for lead ** Field Duplicate Sample

^{1 -} Per 3/26/09 conversation with NYSDEC (Gerry Pratt) CHA's request to eliminate this parameter from analysis was granted.

^{† =} Per NYSDEC's letter dated April 15, 2011, CHA's request to discontinue sampling monitoring wells MW-3 and MW-8 was approved.

ATTACHMENT B

Laboratory Analytical Results Package



Experience is the solution

314 North Pearl Street ◆ Albany, New York 12207 (800) 848-4983 ◆ (518) 434-4546 ◆ Fax (518) 434-0891

April 22, 2011

Sarah Newell Clough Harbour & Associates 3 Winners Circle PO Box 5269 Albany, NY 12205-0307

> TEL: (518) 453-8749 FAX: (518) 453-4773

RE: Vatrano Road

Dear Sarah Newell:

Adirondack Environmental Services, Inc received 10 samples on 4/11/2011 for the analyses presented in the following report.

Please see case narrative for specifics on analysis.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Christopher Hess

QA Manager

ELAP#: 10709

Work Order No: 110411037

RECEIVED

APR 2 5 2011

CASE NARRATIVE

CLIENT:

Clough Harbour & Associates

Date: 22-Apr-11

Project:

Vatrano Road

Lab Order:

110411037

Sample containers were supplied by Adirondack Environmental Services.

Qualifiers:

ND - Not Detected at reporting limit

J - Analyte detected below quantitation limit

B - Analyte detected in Blank

X - Exceeds maximum contamination limit

H - Hold time exceeded

S - LCS Spike recovery outside acceptable limits

R - Duplication outside acceptable limits

T - Tentatively Identified Compound-Estimated

E -Above quantitation range-Estimated

M - Matrix Spike outside acceptable limits

C - Details are above in Case Narrative

Note: All Results are reported as wet weight unless noted

CLIENT:

Clough Harbour & Associates

Work Order:

110411037

Reference:

Vatrano Road /

PO#:

Client Sample ID: MW-1

Collection Date: 4/11/2011

Lab Sample ID: 110411037-001

Date: 22-Apr-11

Analyses	Result	PQL	Qual Units		
POLYCHLORINATED BIPHENY	I S CWOOD		Quai Omis	····	DF Date Analyzed
(Prep: E608 -	4/11/2011)				Analyst: KF
Aroclor 1016	,				rinaryst, KF
Aroclor 1221	< 0.066	0.066	μg/L		
Aroclor 1232	< 0.066	0.066	μg/L	1	4/12/2011 11:41:02 AN
Aroclor 1242	< 0.066	0.066	μg/L	1	4/12/2011 11:41:02 AM
Aroclor 1248	< 0.066	0.066	μg/L	1	4/12/2011 11:41:02 AM
Aroclor 1254	< 0.066	0.066	μg/L	1	4/12/2011 11:41:02 AM
Aroclor 1260	< 0.066	0.066	μg/L	1	4/12/2011 11:41:02 AM
Surr: Decachlorobiphenyl	< 0.066	0.066	μg/L	1	4/12/2011 11:41:02 AM
	78.2	57.1-135	%REC	1	4/12/2011 11:41:02 AM
OLATILE ORGANICS-(SW5030E	R PRED) CWOOGO	_	737120	1	4/12/2011 11:41:02 AM
,	B PREP) SW8260E	5			Analyst: MG
Chloromethane					, maryst. WG
Bromomethane	< 10	10	μg/L		
Vinyl chloride	< 10	10	μg/L	1	4/18/2011 6:47:00 PM
Chloroethane	< 10	10	μg/L	1	4/18/2011 6:47:00 PM
Methylene chloride	< 10	10	μg/L μg/L	1	4/18/2011 6:47:00 PM
Acetone	5.6		μg/L 3 μg/L	1	4/18/2011 6:47:00 PM
Carbon disulfide	14		3 μg/L 3 μg/L	1	4/18/2011 6:47:00 PM
,1-Dichloroethene	< 5.0	5.0	M9/ L	1	4/18/2011 6:47:00 PM
	< 5.0	5.0	μg/L	1	4/18/2011 6:47:00 PM
,1-Dichloroethane	< 5.0	5.0	μg/L	1	4/18/2011 6:47:00 PM
ans-1,2-Dichloroethene	< 5.0	5.0	µg/L	1	4/18/2011 6:47:00 PM
s-1,2-Dichloroethene	< 5.0	5.0	μg/L	1	4/18/2011 6:47:00 PM
hloroform	< 5.0	5.0	μg/L	1	4/18/2011 6:47:00 PM
2-Dichloroethane	< 5.0	5.0	μg/L	1	4/18/2011 6:47:00 PM
Butanone	< 10	10	μg/L	1	4/18/2011 6:47:00 PM
1,1-Trichloroethane	< 5.0	5.0	μg/L	1	4/18/2011 6:47:00 PM
rbon tetrachloride	< 5.0	5.0	μg/L	1	4/18/2011 6:47:00 PM
omodichloromethane	< 5.0	5.0	µg/L	1	4/18/2011 6:47:00 PM
2-Dichloropropane	< 5.0	5.0	µg/L	1	4/18/2011 6:47:00 PM
-1,3-Dichloropropene	< 5.0		μg/L	1	4/18/2011 6:47:00 PM
chloroethene	< 5.0	5.0	μg/L	1	4/18/2011 6:47:00 PM
romochloromethane	< 5.0	5.0	µg/L	1	4/18/2011 6:47:00 PM
2-Trichloroethane	< 5.0	5.0	μg/L	1	4/18/2011 6:47:00 PM
zene	< 5.0	5.0	μg/L	1	4/18/2011 6:47:00 PM
s-1,3-Dichloropropene	< 5.0	5.0	μg/L	1	4/18/2011 6:47:00 PM
moform	< 5.0 < 5.0	5.0	μg/L	1	4/18/2011 6:47:00 PM
ethyl-2-pentanone		5.0	μg/L	1	4/18/2011 6:47:00 PM
exanone	< 10	10	μg/L	1	4/18/2011 6:47:00 PM
achloroethene	< 10	10	μg/L	1	4/18/2011 6:47:00 PM
2,2-Tetrachloroethane	< 5.0	5.0	μg/L	1	4/18/2011 6:47:00 PM
	< 5.0	5.0	μg/L	1	4/18/2011 6:47:00 PM

Date: 22-Apr-11

CLIENT:

Clough Harbour & Associates

Work Order:

110411037

Reference:

Vatrano Road /

PO#:

Client Sample ID: MW-1

Collection Date: 4/11/2011

Lab Sample ID: 110411037-001

Analyses	Result	PQL	Qual Units	ħF	Data A
VOLATILE ORGANICS-(SW5030B PREP)	SWasen			DF	Date Analyzed
Toluene Chlorobenzene Ethylbenzene Styrene m,p-Xylene o-Xylene Methyl tert-butyl ether Dichlorodifluoromethane Methyl Acetate 1,1,2-Trichloro-1,2,2-trifluoroethane Cyclohexane	<pre>SW8260 < 5.0 < 5.0</pre>	5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0	μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	DF 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Analyst: MG 4/18/2011 6:47:00 PM
Trichlorofluoromethane Methyl Cyclohexane 1,2-Dibromoethane 1,3-Dichlorobenzene sopropylbenzene ,2-Dichlorobenzene ,4-Dichlorobenzene ,2-Dibromo-3-chloropropane	93.4	10 5.0 5.0 5.0 5.0 5.0 5.0 10 5.0 80.7-117 80.2-127	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	1 1 1 1 1 1 1 1 1 1 1 1	4/18/2011 6:47:00 PM 4/18/2011 6:47:00 PM

CLIENT: Clough Harbour & Associates

Work Order: 110411037

Reference: Vatrano Road / Lab Sample ID: 110411037-002

PO#: Matrix: GROUNDWATER

Date: 22-Apr-11

Client Sample ID: MW-4

Collection Date: 4/11/2011

Analyses	Result	PQL (Qual Units	DF	Date Analyzed
POLYCHLORINATED BIPHENYLS	S SW8082				Analyst: KF
(Prep: E608 - 4	1/11/2011)				,
Aroclor 1016	< 0.066	0.066	μg/L	1	4/12/2011 11:58:09 AM
Aroclor 1221	< 0.066	0.066	μg/L	1	4/12/2011 11:58:09 AM
Aroclor 1232	< 0.066	0.066	μg/L	1	4/12/2011 11:58:09 AM
Aroclor 1242	< 0.066	0.066	μg/L	1	4/12/2011 11:58:09 AM
Aroclor 1248	< 0.066	0.066	μg/L	1	4/12/2011 11:58:09 AM
Aroclor 1254	< 0.066	0.066	μg/L	1	4/12/2011 11:58:09 AM
Aroclor 1260	< 0.066	0.066	μg/L	1	4/12/2011 11:58:09 AM
Surr: Decachlorobiphenyl	72.6	57.1-135	%REC	1	4/12/2011 11:58:09 AM
OLATILE ORGANICS-(SW5030E	PREP) SW8260	В			Analyst: MG
Chloromethane	< 10	10	μg/L	1	4/18/2011 7:16:00 PM
Bromomethane	< 10	10	μg/L	1	4/18/2011 7:16:00 PM
Vinyl chloride	< 10	10	μg/L	1	4/18/2011 7:16:00 PM
Chloroethane	< 10	10	μg/L	1	4/18/2011 7:16:00 PM
Methylene chloride	5.6	5.0	B μg/L	1	4/18/2011 7:16:00 PM
Acetone	< 10	10	μg/L	1	4/18/2011 7:16:00 PM
Carbon disulfide	< 5.0	5.0	μg/L	1	4/18/2011 7:16:00 PM
1,1-Dichloroethene	< 5.0	5.0	μg/L	1	4/18/2011 7:16:00 PM
1,1-Dichloroethane	< 5.0	5.0	μg/L	1	4/18/2011 7:16:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0	μg/L	1	4/18/2011 7:16:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0	μg/L	1	4/18/2011 7:16:00 PM
Chloroform	< 5.0	5.0	μg/L	1	4/18/2011 7:16:00 PM
1,2-Dichloroethane	< 5.0	5.0	μg/L	1	4/18/2011 7:16:00 PM
2-Butanone	< 10	10	μg/L	1	4/18/2011 7:16:00 PM
1,1,1-Trichloroethane	< 5.0	5.0	μg/L	1	4/18/2011 7:16:00 PM
Carbon tetrachloride	< 5.0	5.0	μg/L	1	4/18/2011 7:16:00 PM
Bromodichloromethane	< 5.0	5.0	μg/L	1	4/18/2011 7:16:00 PM
1,2-Dichloropropane	< 5.0	5.0	μg/L	1	4/18/2011 7:16:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0	μg/L	1	4/18/2011 7:16:00 PM
Trichloroethene	< 5.0	5.0	μg/L	1	4/18/2011 7:16:00 PM
Dibromochloromethane	< 5.0	5.0	μg/L	1	4/18/2011 7:16:00 PM
1,1,2-Trichloroethane	< 5.0	5.0	μg/L	1	4/18/2011 7:16:00 PM
Benzene	< 5.0	5.0	μg/L	1	4/18/2011 7:16:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0	μg/L	1	4/18/2011 7:16:00 PM
Bromoform	< 5.0	5.0	μg/L	1	4/18/2011 7:16:00 PM
4-Methyl-2-pentanone	< 10	10	μg/L	1	4/18/2011 7:16:00 PM
2-Hexanone	< 10	10	μg/L	1	4/18/2011 7:16:00 PM
Tetrachloroethene	< 5.0	5.0	μg/L	1	4/18/2011 7:16:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0	μg/L	1	4/18/2011 7:16:00 PM

CLIENT:

Clough Harbour & Associates

Work Order: Reference:

110411037

Vatrano Road /

PO#:

Client Sample ID: MW-4

Collection Date: 4/11/2011

Lab Sample ID: 110411037-002

Matrix: GROUNDWATER

Analyses	Result	PQL (Qual Units	DF	
VOLATILE ORGANICS-(SW5030B PREP)	SW8260		01113	Dr	Date Analyzed
Toluene	< 5.0				Analyst: MG
Chlorobenzene Ethylbenzene Styrene m,p-Xylene o-Xylene Methyl tert-butyl ether Dichlorodifluoromethane Methyl Acetate 1,1,2-Trichloro-1,2,2-trifluoroethane Cyclohexane Trichlorofluoromethane Methyl Cyclohexane 1,2-Dibromoethane 1,3-Dichlorobenzene sopropylbenzene 1,2-Dichlorobenzene	< 5.0 < 5.0	5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4/18/2011 7:16:00 PM
,4-Dichlorobenzene ,2-Dibromo-3-chloropropane ,2,4-Trichlorobenzene Surr: 1,2-Dichloroethane-d4 Surr: 4-Bromofluorobenzene Surr: Toluene-d8	92.7	5.0 5.0 10 5.0 80.7-117 80.2-127 79.9-122	μg/L μg/L μg/L μg/L %REC %REC %REC	1 1 1 1 1	4/18/2011 7:16:00 PM 4/18/2011 7:16:00 PM

CLIENT:

Clough Harbour & Associates

Work Order:

110411037

Reference:

Vatrano Road /

PO#:

Client Sample ID: MW-5

Collection Date: 4/11/2011

Lab Sample ID: 110411037-003

Matrix: GROUNDWATER

Analyses	Result	PQL	Qual Units	DF	Date Analyzed
POLYCHLORINATED BIPHENYI	S SW8082				Dute Analyzeu
(Prep: E608 -	4/11/2011)				Analyst: KF
Aroclor 1016	,				
Aroclor 1221	< 0.068	0.068	μg/L	1	4/12/2011 12:15:19 PM
Aroclor 1232	< 0.068	0.068	μg/L	1	4/12/2011 12:15:19 PM
Aroclor 1242	< 0.068	0.068	μg/L	1	4/12/2011 12:15:19 PM
Aroclor 1248	< 0.068	0.068	μg/L	1	4/12/2011 12:15:19 PM
Aroclor 1254	< 0.068	0.068	μg/L	1	4/12/2011 12:15:19 PM
Aroclor 1260	< 0.068	0.068	μg/L	1	4/12/2011 12:15:19 PM
Surr: Decachlorobiphenyl	< 0.068	0.068	μg/L	1	4/12/2011 12:15:19 PM
	89.6	57.1-135	%REC	1	4/12/2011 12:15:19 PM
OLATILE ORGANICS-(SW5030E	PREP) SW8260E	3			
					Analyst: MG
Chloromethane	< 10	40			
Bromomethane	< 10	10	μg/L	1	4/18/2011 7:44:00 PM
Vinyl chloride	< 10	10	μg/L	1	4/18/2011 7:44:00 PM
Chloroethane	< 10	10	μg/L	1	4/18/2011 7:44:00 PM
Methylene chloride	< 5.0	10	μg/L	1	4/18/2011 7:44:00 PM
Acetone	< 10	5.0	μg/L	1	4/18/2011 7:44:00 PM
Carbon disulfide	< 5.0	10	μg/L	1	4/18/2011 7:44:00 PM
1,1-Dichloroethene	< 5.0	5.0	μg/L	1	4/18/2011 7:44:00 PM
1,1-Dichloroethane	< 5.0	5.0	μg/L	1	4/18/2011 7:44:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0	μg/L	1	4/18/2011 7:44:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0	μg/L	1	4/18/2011 7:44:00 PM
Chloroform	< 5.0	5.0	μg/L	1	4/18/2011 7:44:00 PM
,2-Dichloroethane	< 5.0	5.0	μg/L	1	4/18/2011 7:44:00 PM
2-Butanone	< 10	5.0	μg/L	1	4/18/2011 7:44:00 PM
,1,1-Trichloroethane	< 5.0	10	μg/L	1	4/18/2011 7:44:00 PM
Carbon tetrachloride	< 5.0 < 5.0	5.0	μg/L	1	4/18/2011 7:44:00 PM
romodichloromethane	< 5.0 < 5.0	5.0	µg/L	1	4/18/2011 7:44:00 PM
,2-Dichloropropane	< 5.0 < 5.0	5.0	μg/L	1	4/18/2011 7:44:00 PM
s-1,3-Dichloropropene	< 5.0 < 5.0	5.0	μg/L	1	4/18/2011 7:44:00 PM
richloroethene	< 5.0 < 5.0	5.0	µg/L	1	4/18/2011 7:44:00 PM
ibromochloromethane	< 5.0 < 5.0	5.0	μg/L	1	4/18/2011 7:44:00 PM
1,2-Trichloroethane	< 5.0 < 5.0	5.0	μg/L	1	4/18/2011 7:44:00 PM
enzene	< 5.0 < 5.0	5.0	μg/L	1	4/18/2011 7:44:00 PM
ans-1,3-Dichloropropene	< 5.0 < 5.0	5.0	μg/L	1	4/18/2011 7:44:00 PM
omoform	< 5.0 < 5.0	5.0	μg/L	1	4/18/2011 7:44:00 PM
Methyl-2-pentanone		5.0	μg/L	1	4/18/2011 7:44:00 PM
dexanone	< 10	10	μg/L	1	4/18/2011 7:44:00 PM
trachloroethene	< 10	10	µg/L		4/18/2011 7:44:00 PM
,2,2-Tetrachloroethane	< 5.0 < 5.0	5.0	μg/L		4/18/2011 7:44:00 PM
	< 0.U	5.0	μg/L		4/18/2011 7:44:00 PM

CLIENT:

Clough Harbour & Associates

Work Order:

110411037

Reference:

Vatrano Road /

PO#:

Client Sample ID: MW-5

Collection Date: 4/11/2011

Lab Sample ID: 110411037-003

Date: 22-Apr-11

Analyses	Result	PQL	Qual Units	DF	Date Analysis
VOLATILE ORGANICS-(SW5030B PREP)	SW8260				
Toluene Chlorobenzene Ethylbenzene Styrene m,p-Xylene o-Xylene Methyl tert-butyl ether Dichlorodifluoromethane Methyl Acetate 1,1,2-Trichloro-1,2,2-trifluoroethane Cyclohexane Trichlorofluoromethane Methyl Cyclohexane 1,2-Dibromoethane 1,3-Dichlorobenzene sopropylbenzene ,2-Dichlorobenzene			µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	DF 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Analyzed Analyst: MG 4/18/2011 7:44:00 PM 4/18/2011 7:44:00 PM
1,4-Dichlorobenzene 1,2-Dibromo-3-chloropropane ,2,4-Trichlorobenzene Surr: 1,2-Dichloroethane-d4 Surr: 4-Bromofluorobenzene Surr: Toluene-d8	< 5.0 < 10 < 5.0 96.5 95.7	5.0 5.0 10 5.0 80.7-117 80.2-127 79.9-122	µg/L µg/L µg/L µg/L %REC %REC %REC	1 1 1 1 1 1	4/18/2011 7:44:00 PM 4/18/2011 7:44:00 PM 4/18/2011 7:44:00 PM 4/18/2011 7:44:00 PM 4/18/2011 7:44:00 PM 4/18/2011 7:44:00 PM 4/18/2011 7:44:00 PM

CLIENT:

Clough Harbour & Associates

Work Order:

110411037

Reference:

Vatrano Road /

PO#:

Client Sample ID: MW-10

Collection Date: 4/11/2011

Lab Sample ID: 110411037-004

Date: 22-Apr-11

Analyses	Result	PQL	Qual Units	DF	Date Analyzed
POLYCHLORINATED BIPHENYL					
(Prep: E608 -	4/11/2011)				Analyst: KF
Aroclor 1016	ŕ				
Aroclor 1221	< 0.067	0.067	μg/L	1	4/12/2011 12:32:26 PM
Aroclor 1232	< 0.067	0.067	μg/L	1	4/12/2011 12:32:26 PM
Aroclor 1242	< 0.067	0.067	μg/L	1	4/12/2011 12:32:26 PM
Aroclor 1248	< 0.067	0.067	μg/L	1	4/12/2011 12:32:26 PM
Aroclor 1254	< 0.067	0.067	μg/L	1	4/12/2011 12:32:26 PM
Aroclor 1260	< 0.067	0.067	μg/L	1	4/12/2011 12:32:26 PM
Surr: Decachlorobiphenyl	< 0.067	0.067	μg/L	1	4/12/2011 12:32:26 PM
	97.6	57.1-135	%REC	1	4/12/2011 12:32:26 PM
OLATILE ORGANICS-(SW5030E	PREP) SW8260E	3			
					Analyst: MG
Chloromethane	< 10	40			
Bromomethane	< 10	10	μg/L	1	4/18/2011 8:13:00 PM
Vinyl chloride	< 10	10	μg/L	1	4/18/2011 8:13:00 PM
Chloroethane	< 10	10	μg/L	1	4/18/2011 8:13:00 PM
Methylene chloride	< 5.0	10	μg/L	1	4/18/2011 8:13:00 PM
Acetone	< 10	5.0	μg/L	1	4/18/2011 8:13:00 PM
Carbon disulfide	< 5.0	10	μg/L	1	4/18/2011 8:13:00 PM
1,1-Dichloroethene		5.0	μg/L	1	4/18/2011 8:13:00 PM
1,1-Dichloroethane	< 5.0	5.0	μg/L	1	4/18/2011 8:13:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0	μg/L	1	4/18/2011 8:13:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0	μg/L	1	4/18/2011 8:13:00 PM
Chloroform	< 5.0	5.0	μg/L	1	4/18/2011 8:13:00 PM
,2-Dichloroethane	< 5.0	5.0	µg/L	1	4/18/2011 8:13:00 PM
2-Butanone	< 5.0	5.0	μg/L	1	4/18/2011 8:13:00 PM
,1,1-Trichloroethane	< 10	10	μg/L	1	4/18/2011 8:13:00 PM
Carbon tetrachloride	< 5.0	5.0	μg/L	1	4/18/2011 8:13:00 PM
romodichloromethane	< 5.0	5.0	μg/L	1	4/18/2011 8:13:00 PM
,2-Dichloropropane	< 5.0	5.0	μg/L	1	4/18/2011 8:13:00 PM
s-1,3-Dichloropropene	< 5.0	5.0	μg/L	1	4/18/2011 8:13:00 PM
richloroethene	< 5.0	5.0	μg/L	1	4/18/2011 8:13:00 PM
ibromochloromethane	< 5.0	5.0	μg/L	1	4/18/2011 8:13:00 PM
1,2-Trichloroethane	< 5.0	5.0	μg/L	1	4/18/2011 8:13:00 PM
enzene	< 5.0	5.0	μg/L	1	4/18/2011 8:13:00 PM
ans-1,3-Dichloropropene	< 5.0	5.0	μg/L	1	4/18/2011 8:13:00 PM
omoform	< 5.0	5.0	μg/L	1	4/18/2011 8:13:00 PM
Methyl-2-pentanone	< 5.0	5.0	μg/L	1	4/18/2011 8:13:00 PM
Hexanone	< 10	10	μg/L	1	4/18/2011 8:13:00 PM
trachloroethene	< 10	10	μg/L	1	4/18/2011 8:13:00 PM
	< 5.0	5.0	μg/L	1	4/18/2011 8:13:00 PM
,2,2-Tetrachloroethane	< 5.0	5.0			

CLIENT:

Clough Harbour & Associates

Work Order:

110411037

Reference:

Vatrano Road /

PO#:

Client Sample ID: MW-10

Collection Date: 4/11/2011

Lab Sample ID: 110411037-004

Date: 22-Apr-11

Analyses	Result	PQL	Qual	Units	DF	Date Analysis I
VOLATILE ORGANICS-(SW5030B PREP)	SW8260					Date Analyzed Analyst: MG
Toluene Chlorobenzene Ethylbenzene Styrene m,p-Xylene o-Xylene Methyl tert-butyl ether Dichlorodifluoromethane Methyl Acetate 1,1,2-Trichloro-1,2,2-trifluoroethane Cyclohexane Trichlorofluoromethane Methyl Cyclohexane 1,2-Dibromoethane 1,3-Dichlorobenzene lsopropylbenzene 1,2-Dichlorobenzene 1,4-Dichlorobenzene 1,2-Dibromo-3-chloropropane	<pre>SW8260 < 5.0 < 5.0</pre>	5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0	т Н Н Н Н Н Н	μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	1 1 1 1 1 1 1 1 1 1 1 1 1	Analyst: MG 4/18/2011 8:13:00 PM 4/18/2011 8:13:00 PM
1,2,4-Trichlorobenzene Surr: 1,2-Dichloroethane-d4 Surr: 4-Bromofluorobenzene Surr: Toluene-d8	< 5.0 104 99.1	10 5.0 80.7-117 80.2-127 79.9-122	μ <u>ι</u> %	g/L g/L REC REC REC	1 1 1 1	4/18/2011 8:13:00 PM 4/18/2011 8:13:00 PM 4/18/2011 8:13:00 PM 4/18/2011 8:13:00 PM 4/18/2011 8:13:00 PM

CLIENT:

Clough Harbour & Associates

Work Order:

110411037

Reference:

Vatrano Road /

PO#:

Client Sample ID: Trip Blank Lot #241

Collection Date: 4/11/2011

Lab Sample ID: 110411037-005

Matrix: TRIP BLANK

Analyses	Result	PQL	Qual Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP)	SW8260B				Analyst: MG
Chloromethane					, maryot. Mg
Bromomethane	< 10	10	μg/L	1	4/18/2011 10:06:00 PM
Vinyl chloride	< 10	10	μg/L	1	4/18/2011 10:06:00 PM
Chloroethane	< 10	10	μg/L	1	4/18/2011 10:06:00 PM
Methylene chloride	< 10	10	μg/L	1	4/18/2011 10:06:00 PM
Acetone	< 5.0	5.0	μg/L	1	4/18/2011 10:06:00 PM
Carbon disulfide	< 10	10	μg/L	1	4/18/2011 10:06:00 PM
1,1-Dichloroethene	< 5.0	5.0	μg/L	1	4/18/2011 10:06:00 PM
1,1-Dichloroethane	< 5.0	5.0	μg/L	1	4/18/2011 10:06:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0	μg/L	1	4/18/2011 10:06:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0	μg/L	1	4/18/2011 10:06:00 PM
Chloroform	< 5.0	5.0	μg/L	1	4/18/2011 10:06:00 PM
1,2-Dichloroethane	< 5.0	5.0	μg/L	1	4/18/2011 10:06:00 PM
2-Butanone	< 5.0	5.0	μg/L	1	4/18/2011 10:06:00 PM
1,1,1-Trichloroethane	< 10	10	μg/L	1	4/18/2011 10:06:00 PM
Carbon tetrachloride	< 5.0	5.0	μg/L	1	4/18/2011 10:06:00 PM
Bromodichloromethane	< 5.0	5.0	μg/L	1	4/18/2011 10:06:00 PM
1,2-Dichloropropane	< 5.0	5.0	μg/L	1	4/18/2011 10:06:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0	μg/L	1	4/18/2011 10:06:00 PM
Frichloroethene	< 5.0	5.0	μg/L	1	4/18/2011 10:06:00 PM
Dibromochloromethane	< 5.0	5.0	μg/L	1	4/18/2011 10:06:00 PM
,1,2-Trichloroethane	< 5.0	5.0	μg/L	1	4/18/2011 10:06:00 PM
Benzene	< 5.0	5.0	μg/L	1	4/18/2011 10:06:00 PM
rans-1,3-Dichloropropene	< 5.0	5.0	μg/L	1	4/18/2011 10:06:00 PM
romoform	< 5.0	5.0	μg/L	1	4/18/2011 10:06:00 PM
-Methyl-2-pentanone	< 5.0	5.0	μg/L	1	4/18/2011 10:06:00 PM
Hexanone	< 10	10	μg/L	1	4/18/2011 10:06:00 PM
etrachloroethene	< 10	10	μg/L	1	4/18/2011 10:06:00 PM
1,2,2-Tetrachloroethane	< 5.0	5.0	μg/L	1	4/18/2011 10:06:00 PM
oluene	< 5.0	5.0	μg/L	1	4/18/2011 10:06:00 PM
hlorobenzene	< 5.0	5.0	μg/L	1	4/18/2011 10:06:00 PM
hylbenzene	< 5.0	5.0	µg/L	1	4/18/2011 10:06:00 PM
vrene	< 5.0	5.0	μg/L	1	4/18/2011 10:06:00 PM
n-Yulana	< 5.0	5.0	μg/L	1	4/18/2011 10:06:00 PM
Yvleno	< 5.0	5.0	μg/L	1	4/18/2011 10:06:00 PM
athyl tort butul other	< 5.0	5.0	µg/L	1	4/18/2011 10:06:00 PM
chlorodifluoromethane	< 5.0	5.0	μg/L	1	4/18/2011 10:06:00 PM
ithyl Apototo	< 10	10	μg/L	1	4/18/2011 10:06:00 PM
2. Triphloro 1 0 0 to 8	< 5.0	5.0	μg/L	1	4/18/2011 10:06:00 PM
clohevane	< 5.0	5.0	μg/L	1	4/18/2011 10:06:00 PM
	< 10	10	μg/L	1	4/18/2011 10:06:00 PM

CLIENT:

Clough Harbour & Associates

Work Order: Reference:

110411037

PO#:

Vatrano Road /

Collection Date: 4/11/2011

Client Sample ID: Trip Blank Lot #241

Lab Sample ID: 110411037-005

Matrix: TRIP BLANK

5.0 5.0 5.0	µg/L µg/L µg/L	1 1 1	4/18/2011 10:06:00 PM
5.0 5.0	μg/L	1 1 1	4/18/2011 10:06:00 PM 4/18/2011 10:06:00 PM
	µg/L µg/L µg/L µg/L µg/L µg/L %REC %REC	1 1 1 1 1 1 1	4/18/2011 10:06:00 PM 4/18/2011 10:06:00 PM
	5.0	5.0 µg/L 10 µg/L 5.0 µg/L 0.7-117 %REC 0.2-127 %REC	5.0 µg/L 1 10 µg/L 1 5.0 µg/L 1 0.7-117 %REC 1 0.2-127 %REC 1

CLIENT:

Clough Harbour & Associates

Work Order: Reference:

110411037

Vatrano Road /

PO#:

Client Sample ID: MW-2

Collection Date: 4/12/2011 **Lab Sample ID:** 110411037-006

Matrix: GROUNDWATER

Analyses	Result	PQL	Qual Units	DI	7 Date Analyzed
POLYCHLORINATED BIPHENYI	S SW8082				maryzea
(Prep: E608 -	4/13/2011)				Analyst: KF
Aroclor 1016	·				
Aroclor 1221	< 0.066	0.066	μg/L	1	4/13/2011 11:49:03 AM
Aroclor 1232	< 0.066	0.066	μg/L	1	4/13/2011 11:49:03 AM
Aroclor 1242	< 0.066	0.066	μg/L	1	4/13/2011 11:49:03 AM
Aroclor 1248	< 0.066	0.066	μg/L	1	4/13/2011 11:49:03 AM
Aroclor 1254	< 0.066	0.066	μg/L	1	4/13/2011 11:49:03 AM
Aroclor 1260	0.860	0.066	μg/L	1	4/13/2011 11:49:03 AM
Surr: Decachlorobiphenyl	< 0.066	0.066	μg/L	1	4/13/2011 11:49:03 AM
•	133	57.1-135	%REC	1	4/13/2011 11:49:03 AM
OLATILE ORGANICS-(SW5030E	PREP) SW8260E	3			7110.00711
					Analyst: ML
Chloromethane	< 10				
Bromomethane	< 10	10	μg/L	1	4/19/2011 9:09:00 PM
Vinyl chloride	27	10	μg/L	1	4/19/2011 9:09:00 PM
Chloroethane	< 10	10	μg/L	1	4/19/2011 9:09:00 PM
Methylene chloride	< 5.0	10	μg/L	1	4/19/2011 9:09:00 PM
Acetone	10	5.0	μg/L	1	4/19/2011 9:09:00 PM
Carbon disulfide	< 5.0		B μg/L	1	4/19/2011 9:09:00 PM
1,1-Dichloroethene	< 5.0 < 5.0	5.0	µg/L	1	4/19/2011 9:09:00 PM
1,1-Dichloroethane	< 5.0 < 5.0	5.0	μg/L	1	4/19/2011 9:09:00 PM
rans-1,2-Dichloroethene		5.0	μg/L	1	4/19/2011 9:09:00 PM
sis-1,2-Dichloroethene	< 5.0	5.0	μg/L	1	4/19/2011 9:09:00 PM
Chloroform	110	5.0	μg/L	1	4/19/2011 9:09:00 PM
,2-Dichloroethane	< 5.0	5.0	μg/L	1	4/19/2011 9:09:00 PM
-Butanone	< 5.0	5.0	μg/L	1	4/19/2011 9:09:00 PM
.1,1-Trichloroethane	< 10	10	µg/L	1	4/19/2011 9:09:00 PM
arbon tetrachloride	< 5.0	5.0	μg/L	1	4/19/2011 9:09:00 PM
romodichloromethane	< 5.0	5.0	μg/L	1	4/19/2011 9:09:00 PM
2-Dichloropropane	< 5.0	5.0	μg/L	1	4/19/2011 9:09:00 PM
s-1,3-Dichloropropene	< 5.0	5.0	μg/L	1	4/19/2011 9:09:00 PM
ichloroethene	< 5.0	5.0	μg/L	1	4/19/2011 9:09:00 PM
bromochloromethane	54	5.0	μg/L	1	4/19/2011 9:09:00 PM
1,2-Trichloroethane	< 5.0	5.0	μg/L	1	4/19/2011 9:09:00 PM
nzene	< 5.0	5.0	μg/L	1	4/19/2011 9:09:00 PM
ns-1,3-Dichloropropene	< 5.0	5.0	μg/L	1	4/19/2011 9:09:00 PM
omoform	< 5.0	5.0	μg/L	1	4/19/2011 9:09:00 PM
Methyl-2-pentanone	< 5.0	5.0	μg/L	1	4/19/2011 9:09:00 PM
lexanone	< 10	10	μg/L	1	4/19/2011 9:09:00 PM
rachloroethene	< 10	10	μg/L	1	4/19/2011 9:09:00 PM
2,2-Tetrachloroethane	200	5.0 E	μg/L		4/19/2011 9:09:00 PM
	< 5.0	5.0	μg/L		4/19/2011 9:09:00 PM

CLIENT:

Clough Harbour & Associates

Work Order:

110411037

Reference:

Vatrano Road /

PO#:

Client Sample ID: MW-2

Collection Date: 4/12/2011

Lab Sample ID: 110411037-006

Matrix: GROUNDWATER

Analyses	Result	PQL	Qual Units	DF	Data Analysis 1
VOLATILE ORGANICS-(SW5030B PREP)	SW8260			<i>V</i> 1	Date Analyzed Analyst: MI
Toluene Chlorobenzene Ethylbenzene Styrene m,p-Xylene o-Xylene Methyl tert-butyl ether Dichlorodifluoromethane Methyl Acetate 1,1,2-Trichloro-1,2,2-trifluoroethane Cyclohexane Trichlorofluoromethane Methyl Cyclohexane 1,2-Dibromoethane 1,3-Dichlorobenzene sopropylbenzene 1,2-Dichlorobenzene ,2-Dibromo-3-chloropropane ,2,4-Trichlorobenzene Surr: 1,2-Dichloroethane-d4 Surr: 4-Bromofluorobenzene	< 5.0 7.2 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.1 < 5.0 < 5.0 < 5.7 < 5.0 < 5.0 < 5.1 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0	5.0 5.0 5.0 5.0 5.0 5.0 5.0 10 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Analyst: ML 4/19/2011 9:09:00 PM 4/19/2011 9:09:00 PM
Surr: Toluene-d8		79.9-122	%REC %REC	1	4/19/2011 9:09:00 PM 4/19/2011 9:09:00 PM

CLIENT:

Clough Harbour & Associates

Work Order:

110411037

Reference:

Vatrano Road /

PO#:

Client Sample ID: MW-6

Collection Date: 4/12/2011

Lab Sample ID: 110411037-007 Matrix: GROUNDWATER

Analyses	Result	PQL	Qual Units	DF	Date Analyzed
POLYCHLORINATED BIPHENY	LS SW8082				
(Prep: E608 -	4/13/2011)				Analyst: KF
Aroclor 1016	- 0.000				
Aroclor 1221	< 0.068	0.068	μg/L	1	4/13/2011 12:06:11 PM
Aroclor 1232	< 0.068	0.068	µg/L	1	4/13/2011 12:06:11 PM
Aroclor 1242	< 0.068 < 0.068	0.068	μg/L	1	4/13/2011 12:06:11 PM
Aroclor 1248		0.068	μg/L	1	4/13/2011 12:06:11 PM
Aroclor 1254	< 0.068	0.068	μg/L	1	4/13/2011 12:06:11 PM
Aroclor 1260	< 0.068	0.068	μg/L	1	4/13/2011 12:06:11 PM
Surr: Decachlorobiphenyl	< 0.068	0.068	μg/L	1	4/13/2011 12:06:11 PM
Ť	124	57.1-135	%REC	1	4/13/2011 12:06:11 PM
OLATILE ORGANICS-(SW50308	3 PREP) SW82608	3			Analyst: M L
Chloromethane					The state of the s
Bromomethane	< 10	10	μg/L	1	4/19/2011 9:38:00 PM
Vinyl chloride	< 10	10	μg/L	1	4/19/2011 9:38:00 PM
Chloroethane	< 10	10	μg/L	1	4/19/2011 9:38:00 PM
Methylene chloride	< 10	10	μg/L	1	4/19/2011 9:38:00 PM
Acetone	< 5.0	5.0	μg/L	1	4/19/2011 9:38:00 PM
Carbon disulfide	< 10	10	μg/L	1	4/19/2011 9:38:00 PM
1,1-Dichloroethene	< 5.0	5.0	µg/L	1	4/19/2011 9:38:00 PM
1,1-Dichloroethane	< 5.0	5.0	μg/L	1	4/19/2011 9:38:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0	μg/L	1	4/19/2011 9:38:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0	μg/L	1	4/19/2011 9:38:00 PM
Chloroform	< 5.0	5.0	μg/L	1	4/19/2011 9:38:00 PM
,2-Dichloroethane	< 5.0	5.0	μg/L	1	4/19/2011 9:38:00 PM
2-Butanone	< 5.0	5.0	μg/L	1	4/19/2011 9:38:00 PM
,1,1-Trichloroethane	< 10	10	μg/L	1	4/19/2011 9:38:00 PM
Carbon tetrachloride	< 5.0	5.0	μg/L	1	4/19/2011 9:38:00 PM
romodichloromethane	< 5.0	5.0	μg/L	1	4/19/2011 9:38:00 PM
,2-Dichloropropane	< 5.0	5.0	μg/L	1	4/19/2011 9:38:00 PM
s-1,3-Dichloropropene	< 5.0	5.0	μg/L	1	4/19/2011 9:38:00 PM
richloroethene	< 5.0	5.0	μg/L	1	4/19/2011 9:38:00 PM
ibromochloromethane	< 5.0	5.0	μg/L	1	4/19/2011 9:38:00 PM
1,2-Trichloroethane	< 5.0	5.0	μg/L	1	4/19/2011 9:38:00 PM
enzene	< 5.0	5.0	μg/L	1	4/19/2011 9:38:00 PM
ans-1,3-Dichloropropene	< 5.0	5.0	µg/L	1	4/19/2011 9:38:00 PM
omoform	< 5.0	5.0	μg/L	1	4/19/2011 9:38:00 PM
Methyl-2-pentanone	< 5.0	5.0	μg/L	1	4/19/2011 9:38:00 PM
dexanone	< 10	10	μg/L	1	4/19/2011 9:38:00 PM
trachloroethene	< 10	10	μg/L	1	4/19/2011 9:38:00 PM
,2,2-Tetrachloroethane	< 5.0	5.0	µg/L		4/19/2011 9:38:00 PM
	< 5.0	5.0	μg/L		4/19/2011 9:38:00 PM

CLIENT:

Clough Harbour & Associates

Work Order:

110411037

Reference:

Vatrano Road /

PO#:

Client Sample ID: MW-6

Collection Date: 4/12/2011

Lab Sample ID: 110411037-007

Matrix: GROUNDWATER

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP)	SW8260			271	Analyst: ML
Toluene Chlorobenzene	< 5.0	5.0	μg/L	1	4/19/2011 9:38:00 PM
Ethylbenzene	< 5.0 < 5.0	5.0 5.0	μg/L μg/L	1 1	4/19/2011 9:38:00 PM 4/19/2011 9:38:00 PM
Styrene m,p-Xylene	< 5.0 < 5.0	5.0 5.0	μg/L μg/L	1	4/19/2011 9:38:00 PM
o-Xylene Methyl tert-butyl ether	< 5.0 < 5.0	5.0	μg/L	1	4/19/2011 9:38:00 PM 4/19/2011 9:38:00 PM
Dichlorodifluoromethane Methyl Acetate	< 10	5.0 10	μg/L μg/L	1 1	4/19/2011 9:38:00 PM 4/19/2011 9:38:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0 < 5.0	5.0 5.0	μg/L μg/L	1	4/19/2011 9:38:00 PM
Cyclohexane Trichlorofluoromethane	< 10 < 5.0	10	μg/L	1	4/19/2011 9:38:00 PM 4/19/2011 9:38:00 PM
Methyl Cyclohexane I,2-Dibromoethane	< 5.0	5.0 5.0	μg/L μg/L	1 1	4/19/2011 9:38:00 PM 4/19/2011 9:38:00 PM
,3-Dichlorobenzene	< 5.0 < 5.0	5.0 5.0	μg/L μg/L	1 1	4/19/2011 9:38:00 PM
sopropylbenzene ,2-Dichlorobenzene	< 5.0 < 5.0	5.0 5.0	μg/L	1	4/19/2011 9:38:00 PM 4/19/2011 9:38:00 PM
,4-Dichlorobenzene ,2-Dibromo-3-chloropropane	< 5.0	5.0	μg/L μg/L	1 1	4/19/2011 9:38:00 PM 4/19/2011 9:38:00 PM
,2,4-Trichlorobenzene	< 10 < 5.0	10 5.0	μg/L μg/L	1	4/19/2011 9:38:00 PM
Surr: 1,2-Dichloroethane-d4 Surr: 4-Bromofluorobenzene		80.7-117 80.2-127	%REC	1	4/19/2011 9:38:00 PM 4/19/2011 9:38:00 PM
Surr: Toluene-d8		79.9-122	%REC %REC	1 1	4/19/2011 9:38:00 PM 4/19/2011 9:38:00 PM

CLIENT:

Clough Harbour & Associates

Work Order:

110411037

Reference:

Vatrano Road /

PO#:

Client Sample ID: MW-7

Collection Date: 4/12/2011

Lab Sample ID: 110411037-008

Date: 22-Apr-11

Analyses	Result	PQL	Qual Units	DF	Date Analyzed
POLYCHLORINATED BIPHENYL	S SW8082				
(Prep: E608 -	4/13/2011)				Analyst: KF
Aroclor 1016	. 0.007				
Aroclor 1221	< 0.067	0.067	μg/L	1	4/13/2011 12:23:18 PM
Aroclor 1232	< 0.067	0.067	μg/L	1	4/13/2011 12:23:18 PM
Aroclor 1242	< 0.067	0.067	μg/L	1	4/13/2011 12:23:18 PN
Aroclor 1248	< 0.067	0.067	μg/L	1	4/13/2011 12:23:18 PM
Aroclor 1254	< 0.067	0.067	μg/L	1	4/13/2011 12:23:18 PM
Aroclor 1260	< 0.067	0.067	μg/L	1	4/13/2011 12:23:18 PM
Surr: Decachlorobiphenyl	< 0.067	0.067	μg/L	1	4/13/2011 12:23:18 PM
	93.8	57.1-135	%REC	1	4/13/2011 12:23:18 PM
OLATILE ORGANICS-(SW5030E	3 PREP) SW8260	В			Analyst: ML
Chloromethane	. 40				,
Bromomethane	< 10 < 10	10	μg/L	1	4/19/2011 10:07:00 PM
Vinyl chloride		10	μg/L	1	4/19/2011 10:07:00 PM
Chloroethane	< 10	10	μg/L	1	4/19/2011 10:07:00 PM
Methylene chloride	< 10	10	μg/L	1	4/19/2011 10:07:00 PM
Acetone	< 5.0	5.0	μg/L	1	4/19/2011 10:07:00 PM
Carbon disulfide	< 10	10	μg/L	1	4/19/2011 10:07:00 PM
1,1-Dichloroethene	< 5.0	5.0	μg/L	1	4/19/2011 10:07:00 PM
1,1-Dichloroethane	< 5.0	5.0	μg/L	1	4/19/2011 10:07:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0	µg/L	1	4/19/2011 10:07:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0	μg/L	1	4/19/2011 10:07:00 PM
Chloroform	13	5.0	μg/L	1	4/19/2011 10:07:00 PM
1,2-Dichloroethane	< 5.0	5.0	μg/L	1	4/19/2011 10:07:00 PM
2-Butanone	< 5.0	5.0	μg/L	1	4/19/2011 10:07:00 PM
1,1,1-Trichloroethane	< 10	10	μg/L	1	4/19/2011 10:07:00 PM
Carbon tetrachloride	< 5.0	5.0	µg/L	1	4/19/2011 10:07:00 PM
Bromodichloromethane	< 5.0	5.0	µg/L	1	4/19/2011 10:07:00 PM
,2-Dichloropropane	< 5.0	5.0	μg/L	1	4/19/2011 10:07:00 PM
is-1,3-Dichloropropene	< 5.0	5.0	μg/L	1	4/19/2011 10:07:00 PM
richloroethene	< 5.0	5.0	μg/L	1	4/19/2011 10:07:00 PM
ibromochloromethane	< 5.0	5.0	μg/L	1	4/19/2011 10:07:00 PM
1,2-Trichloroethane	< 5.0	5.0	μg/L	1	4/19/2011 10:07:00 PM
enzene	< 5.0	5.0	μg/L	1	4/19/2011 10:07:00 PM
ans-1,3-Dichloropropene	< 5.0	5.0	μg/L	1	4/19/2011 10:07:00 PM
romoform	< 5.0	5.0	μg/L	1	4/19/2011 10:07:00 PM
Methyl-2-pentanone	< 5.0	5.0	μg/L	1	4/19/2011 10:07:00 PM
Hexanone	< 10	10	μg/L	1	4/19/2011 10:07:00 PM
etrachloroethene	< 10	10	μg/L	1	4/19/2011 10:07:00 PM
1,2,2-Tetrachloroethane	8.9	5.0	μg/L	1	4/19/2011 10:07:00 PM
, _, on a or nor octifalle	< 5.0	5.0	μg/L	1	4/19/2011 10:07:00 PM

CLIENT:

Clough Harbour & Associates

Work Order:

110411037

Reference:

Vatrano Road /

PO#:

Client Sample ID: MW-7

Collection Date: 4/12/2011 **Lab Sample ID:** 110411037-008

Matrix: GROUNDWATER

Analyses	Result	PQL	Qual Units	DF	Data Analysis 1
OLATILE ORGANICS-(SW5030B PREP)	SW8260			DI	Date Analyzed Analyst: MI
Toluene Chlorobenzene Ethylbenzene Styrene m,p-Xylene o-Xylene Methyl tert-butyl ether Dichlorodifluoromethane Methyl Acetate 1,1,2-Trichloro-1,2,2-trifluoroethane Cyclohexane Trichlorofluoromethane Methyl Cyclohexane 1,2-Dibromoethane 1,3-Dichlorobenzene sopropylbenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dibromo-3-chloropropane ,2,4-Trichlorobenzene Surr: 1,2-Dichloroethane-d4 Surr: 4-Bromofluorobenzene	< 5.0 <	5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Analyst: ML 4/19/2011 10:07:00 PM
Surr: Toluene-d8		80.2-127 79.9-122	%REC %REC	1 1	4/19/2011 10:07:00 PM 4/19/2011 10:07:00 PM

CLIENT:

Clough Harbour & Associates

Work Order: Reference:

110411037

Vatrano Road /

PO#:

Client Sample ID: MW-9

Collection Date: 4/12/2011

Lab Sample ID: 110411037-009

Date: 22-Apr-11

Analyses	Result	PQL	Qual Units	DF	Date Analyzed
POLYCHLORINATED BIPHENY					
(Prep: E608 -	4/13/2011)				Analyst: KF
Aroclor 1016	< 0.067	0.007			
Aroclor 1221	< 0.067	0.067	μg/L	1	4/13/2011 12:40:26 PM
Aroclor 1232	< 0.067	0.067	μg/L	1	4/13/2011 12:40:26 PM
Aroclor 1242		0.067	μg/L	1	4/13/2011 12:40:26 PM
Aroclor 1248	< 0.067	0.067	μg/L	1	4/13/2011 12:40:26 PM
Aroclor 1254	< 0.067	0.067	μg/L	1	4/13/2011 12:40:26 PN
Aroclor 1260	< 0.067	0.067	μg/L	1	4/13/2011 12:40:26 PM
Surr: Decachlorobiphenyl	< 0.067	0.067	μg/L	1	4/13/2011 12:40:26 PM
	89.4	57.1-135	%REC	1	4/13/2011 12:40:26 PM
CP METALS E200.7					
(Prep: SW3010A -	4/13/2011)				Analyst: KH
Lead	< 0.005	0.005			
AEDOUBY TO THE	< 0.005	0.005	mg/L	1	4/21/2011 2:39:00 PM
MERCURY E245.1					A
(Prep: E245.1	4/13/2011)				Analyst: WB
Mercury	< 0.0002	0.0000			
OLATILE ODGANISA AND		0.0002	mg/L	1	4/13/2011
OLATILE ORGANICS-(SW5030E	3 PREP) SW8260B				Analyst see
					Analyst: ML
Chloromethane	< 10	10			
Bromomethane	< 10	10	μg/L 	1	4/19/2011 10:36:00 PM
Vinyl chloride	< 10		μg/L	1	4/19/2011 10:36:00 PM
Chloroethane	< 10	10	μg/L	1	4/19/2011 10:36:00 PM
Methylene chloride	5.1	10	μg/L	1	4/19/2011 10:36:00 PM
Acetone		5.0	B μg/L	1	4/19/2011 10:36:00 PM
Carbon disulfide	17	10	B μg/L	1	4/19/2011 10:36:00 PM
1,1-Dichloroethene	< 5.0	5.0	μg/L	1	4/19/2011 10:36:00 PM
,1-Dichloroethane	< 5.0	5.0	μg/L	1	4/19/2011 10:36:00 PM
rans-1,2-Dichloroethene	< 5.0	5.0	μg/L	1	4/19/2011 10:36:00 PM
is-1,2-Dichloroethene	< 5.0	5.0	μg/L	1	4/19/2011 10:36:00 PM
Chloroform	< 5.0	5.0	μg/L	1	4/19/2011 10:36:00 PM
,2-Dichloroethane	< 5.0	5.0	μg/L	1	4/19/2011 10:36:00 PM
-Butanone	< 5.0	5.0	μg/L	1	4/19/2011 10:36:00 PM
,1,1-Trichloroethane	< 10	10	μg/L	1	4/19/2011 10:36:00 PM
arbon tetrachloride	< 5.0	5.0	μg/L	1	4/19/2011 10:36:00 PM
	< 5.0	5.0	μg/L	1	
romodichloromethane	< 5.0	5.0	μg/L	1	4/19/2011 10:36:00 PM
	< 5.0	5.0	μg/L	1	4/19/2011 10:36:00 PM
2-Dichloropropane				1	4/19/2011 10:36:00 PM
s-1,3-Dichloropropene	< 5.0	0.0			
s-1,3-Dichloropropene ichloroethene		5.0 5.0	μg/L		4/19/2011 10:36:00 PM
s-1,3-Dichloropropene	< 5.0 < 5.0 < 5.0	5.0 5.0 5.0	μg/L μg/L μg/L	1	4/19/2011 10:36:00 PM 4/19/2011 10:36:00 PM 4/19/2011 10:36:00 PM

CLIENT:

Clough Harbour & Associates

Work Order:

110411037

Reference:

Vatrano Road /

PO#:

Client Sample ID: MW-9
Collection Date: 4/12/2011

Lab Sample ID: 110411037-009

Matrix: GROUNDWATER

Analyses	Result	PQL	Qual Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP)	SW82601	3			Analyst: ML
1,1,2-Trichloroethane	< 5.0	5.0	μg/L	1	4/19/2011 10:36:00 PM
Benzene	5.5	5.0	μg/L	1	4/19/2011 10:36:00 PM
trans-1,3-Dichloropropene	< 5.0	5.0	μg/L	1	4/19/2011 10:36:00 PM
Bromoform	< 5.0	5.0	μg/L	1	
4-Methyl-2-pentanone	< 10	10	μg/L	1	4/19/2011 10:36:00 PM
2-Hexanone	< 10	10	μg/L	1	4/19/2011 10:36:00 PM
Tetrachloroethene	< 5.0	5.0	μg/L	1	4/19/2011 10:36:00 PM
1,1,2,2-Tetrachloroethane	< 5.0	5.0	μg/L	1	4/19/2011 10:36:00 PM
Toluene	< 5.0	5.0	μg/L	. 1	4/19/2011 10:36:00 PM
Chlorobenzene	< 5.0	5.0	μg/L	1	4/19/2011 10:36:00 PM
Ethylbenzene	< 5.0	5.0	μg/L	1	4/19/2011 10:36:00 PM
Styrene	< 5.0	5.0	μg/L		4/19/2011 10:36:00 PM
m,p-Xylene	< 5.0	5.0	μg/L	1	4/19/2011 10:36:00 PM
o-Xylene	< 5.0	5.0	μg/L		4/19/2011 10:36:00 PM
Methyl tert-butyl ether	< 5.0	5.0	μg/L	1	4/19/2011 10:36:00 PM
Dichlorodifluoromethane	< 10	10	μg/L	1	4/19/2011 10:36:00 PM
Methyl Acetate	< 5.0	5.0	μg/L μg/L	1	4/19/2011 10:36:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 5.0	5.0		1	4/19/2011 10:36:00 PM
Cyclohexane	< 10	10	μg/L	1	4/19/2011 10:36:00 PM
Trichlorofluoromethane	< 5.0	5.0	μg/L	1	4/19/2011 10:36:00 PM
Methyl Cyclohexane	< 5.0	5.0	μg/L	1	4/19/2011 10:36:00 PM
1,2-Dibromoethane	< 5.0	5.0	μg/L	1	4/19/2011 10:36:00 PM
1,3-Dichlorobenzene	< 5.0	5.0	μg/L	1	4/19/2011 10:36:00 PM
Isopropylbenzene	< 5.0	5.0	μg/L	1	4/19/2011 10:36:00 PM
1,2-Dichlorobenzene	< 5.0	5.0	μg/L	1	4/19/2011 10:36:00 PM
1,4-Dichlorobenzene	< 5.0	5.0	μg/L	1	4/19/2011 10:36:00 PM
,2-Dibromo-3-chloropropane	< 10	10	μg/L	1	4/19/2011 10:36:00 PM
,2,4-Trichlorobenzene	< 5.0	5.0	μg/L	1	4/19/2011 10:36:00 PM
Surr: 1,2-Dichloroethane-d4		5.0 80.7-117	μg/L	1	4/19/2011 10:36:00 PM
Surr: 4-Bromofluorobenzene		80.2-127	%REC	1	4/19/2011 10:36:00 PM
Surr: Toluene-d8		79.9-122	%REC	1	4/19/2011 10:36:00 PM
	<i>3</i> 4.3	13.3-122	%REC	1	4/19/2011 10:36:00 PM

CLIENT:

Clough Harbour & Associates

Work Order: Reference:

Vatrano Road /

PO#:

110411037

Client Sample ID: Trip Blank Lot #241

Date: 22-Apr-11

Collection Date: 4/12/2011

Lab Sample ID: 110411037-010

Matrix: TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-(SW5030B PREP)	SW8260B				<i>V</i> .	Date Analyzed
(CHOSSEL MEF)	2M8590B					Analyst: ML
Chloromethane	< 10	10				
Bromomethane	< 10	10		μg/L	1	4/19/2011 11:05:00 PN
Vinyl chloride	< 10	10		μg/L	1	4/19/2011 11:05:00 PM
Chloroethane	< 10	10		µg/L	1	4/19/2011 11:05:00 PM
Methylene chloride	5.3	10	-	μg/L	1	4/19/2011 11:05:00 PM
Acetone	12	5.0	В	μg/L	1	4/19/2011 11:05:00 PM
Carbon disulfide	< 5.0	10		μg/L	1	4/19/2011 11:05:00 PM
1,1-Dichloroethene		5.0		μg/L	1	4/19/2011 11:05:00 PM
1,1-Dichloroethane	< 5.0	5.0		μg/L	1	4/19/2011 11:05:00 PM
trans-1,2-Dichloroethene	< 5.0	5.0		µg/L	1	4/19/2011 11:05:00 PM
cis-1,2-Dichloroethene	< 5.0	5.0		μg/L	1	4/19/2011 11:05:00 PM
Chloroform	< 5.0	5.0		μg/L	1	4/19/2011 11:05:00 PM
1,2-Dichloroethane	< 5.0	5.0		µg/L	1	4/19/2011 11:05:00 PM
2-Butanone	< 5.0	5.0	l	ug/L	1	4/19/2011 11:05:00 PM
1,1,1-Trichloroethane	< 10	10	ļ	ug/L	1	4/19/2011 11:05:00 PM
Carbon tetrachloride	< 5.0	5.0	ŀ	ıg/L	1	4/19/2011 11:05:00 PM
Bromodichloromethane	< 5.0	5.0	ŀ	ıg/L	1	4/19/2011 11:05:00 PM
1,2-Dichloropropane	< 5.0	5.0	Ļ	ıg/L	1	4/19/2011 11:05:00 PM
cis-1,3-Dichloropropene	< 5.0	5.0	μ	ıg/L	1	4/19/2011 11:05:00 PM
Trichloroethene	< 5.0	5.0	μ	g/L	1	4/19/2011 11:05:00 PM
Dibromochloromethane	< 5.0	5.0	μ	g/L	1	4/19/2011 11:05:00 PM
1.2-Trichloroothana	< 5.0	5.0	μ	g/L	1	4/19/2011 11:05:00 PM
Benzene	< 5.0	5.0	μ	g/L	1	4/19/2011 11:05:00 PM
rans-1,3-Dichloropropene	< 5.0	5.0	μ	g/L	1	4/19/2011 11:05:00 PM
romoform	< 5.0	5.0	μ	- g/L	1	4/19/2011 11:05:00 PM
-Methyl-2-pentanone	< 5.0	5.0	μ	g/L	1	
Hexanone	< 10	10]/L	1	4/19/2011 11:05:00 PM
etrachloroethene	< 10	10	μς		1	4/19/2011 11:05:00 PM
	< 5.0	5.0	μς		1	4/19/2011 11:05:00 PM
1,2,2-Tetrachloroethane	< 5.0	5.0	μg		1	4/19/2011 11:05:00 PM
nlorobenzene	< 5.0	5.0	μg		1	4/19/2011 11:05:00 PM
	< 5.0	5.0	μg		1	4/19/2011 11:05:00 PM
hylbenzene	5.0	5.0	μg,		1	4/19/2011 11:05:00 PM
yrene	5.0	5.0	μg,			4/19/2011 11:05:00 PM
p-Xylene	5.0	5.0	μg/		1	4/19/2011 11:05:00 PM
kylene	5.0	5.0	μg/		1	4/19/2011 11:05:00 PM
thyl tert-butyl ether	5.0	5.0	μg/		1	4/19/2011 11:05:00 PM
chlorodifluoromethane	: 10	10			1	4/19/2011 11:05:00 PM
thyl Acetate	5.0	5.0	μg/		1	4/19/2011 11:05:00 PM
,2-Trichloro-1,2,2-trifluoroethane	5.0	5.0	μg/l		1	4/19/2011 11:05:00 PM
DODEXADE	10	10	μg/l			4/19/2011 11:05:00 PM
`		10	µg/l	-	1	4/19/2011 11:05:00 PM

CLIENT:

Clough Harbour & Associates

Work Order:

110411037

Reference:

Vatrano Road /

PO#:

Client Sample ID: Trip Blank Lot #241

Date: 22-Apr-11

Collection Date: 4/12/2011

Lab Sample ID: 110411037-010

Matrix: TRIP BLANK

Analyses	Result	PQL Q	ual Units	DF	Date Analyzed
OLATILE ORGANICS-(SW5030B PREP)	SW8260B				Analyst: ML
Trichlorofluoromethane	< 5.0	5.0	μg/L	1	4/10/0011 11:05:00 DV
Methyl Cyclohexane	< 5.0	5.0	μg/L	1	4/19/2011 11:05:00 PM
1,2-Dibromoethane	< 5.0	5.0	μg/L	1	4/19/2011 11:05:00 PM
1,3-Dichlorobenzene	< 5.0	5.0	μg/L	,	4/19/2011 11:05:00 PM
Isopropylbenzene	< 5.0	5.0	μg/L	1	4/19/2011 11:05:00 PM
1,2-Dichlorobenzene	< 5.0	5.0	μg/L	1	4/19/2011 11:05:00 PM
1,4-Dichlorobenzene	< 5.0	5.0	μg/L	1	4/19/2011 11:05:00 PM
1,2-Dibromo-3-chloropropane	< 10	10		1	4/19/2011 11:05:00 PM
1,2,4-Trichlorobenzene	< 5.0	5.0	μg/L	!	4/19/2011 11:05:00 PM
Surr: 1,2-Dichloroethane-d4		80.7-117	μg/L %REC	1	4/19/2011 11:05:00 PM
Surr: 4-Bromofluorobenzene		80.2-117		1	4/19/2011 11:05:00 PM
Surr: Toluene-d8			%REC	1	4/19/2011 11:05:00 PM
	93.9	79.9-122	%REC	1	4/19/2011 11:05:00 PM



314 North Pearl Street Albany, New York 12207 518-434-4546/434-0891 FAX

CHAIN OF CUSTODY RECORD

AES Work Order #

	Exper	ience	is	the	solution
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A full service analytical research laboratory offering solutions to environmental concerns

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Adirondack Environmental Services, Inc.



314 North Pearl Street Albany, New York 12207 518-434-4546/434-0891 FAX

CHAIN OF CUSTODY RECORD AES Work Order

110411037

Client Name:		A full service analytical research laboratory offering solutions to environmental concerns Address:									
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TERMS, CONDITIONS & LIMITATIONS

All service rendered by the **Adirondack Environmental Services**, **Inc**. are undertaken and all rates are based upon the following terms:

- (a) Neither Adirondack Environmental Services, Inc., nor any of its employees, agents or sub-contractors shall be liable for any loss or damage arising out of Adirondack Environmental Services, Inc.'s performance or nonperformance, whether by way of negligence or breach of contract, or otherwise, in any amount greater than twice the amount billed to the customer for the work leading to the claim of the customer. Said remedy shall be the sole and exclusive remedy against Adirondack Environmental Services, Inc. arising out of its work.
- (b) All claims made must be in writing within forty-five (45) days after delivery of the **Adirondack Environmental Services, Inc.** report regarding said work or such claim shall be deemed or irrevocably waived.
- (c) Adirondack Environmental Services, Inc. reports are submitted in writing and are for our customers only. Our customers are considered to be only those entities being billed for our services. Acquisition of an Adirondack Environmental Services, Inc. report by other than our customer does not constitute a representation of Adirondack Environmental Services, Inc. as to the accuracy of the contents thereof.
- (d) In no event shall **Adirondack Environmental Services, Inc.**, its employees, agents or sub-contractors be responsible for consequential or special damages of any kind or in any amount.
- (e) No deviation from the terms set forth herein shall bind **Adirondack Environmental Services, Inc.** unless in writing and signed by a Director of **Adirondack Environmental Services, Inc.**
- (f) Results pertain only to items analyzed. Information supplied by client is assumed to be correct. This information may be used on reports and in calculations and Adirondack Environmental Services, Inc. is not responsible for the accuracy of this information.
- (g) Payments by credit card are subject to a 3% additional charge.