

ALPHA ANALYTICAL LABORATORIES

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MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

CERTIFICATE OF ANALYSIS

Client: ERM-New England Laboratory Job Number: L0504022
Address: 399 Boylston Street
6th Floor
Boston, MA 02116 Date Received: 14-APR-2005
Attn: Jeremy Picard Date Reported: 20-APR-2005
Project Number: 28047 Delivery Method: Alpha
Site: RAYTHEON WAYLAND

The following questions pertain only to MCP Analytical Methods

An affirmative response to questions A,B,C & D is required for "Presumptive Certainty" status

- A. Were all samples received by the laboratory in a condition consistent with those described on their Chain-of-Custody documentation for the data set? YES
- B. Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines? YES
- C. Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in section 2.0 of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"? YES
- D. VPH and EPH methods only: Was the VPH or EPH method run without significant modifications, as specified in Section 11.3? NA

A response to questions E and F is required for "Presumptive Certainty" status

- E. Were all QC performance standards and recommendations for the specified method(s) achieved? YES
- F. Were results for all analyte-list compounds/elements for the specified method(s) reported? YES

Any answers of NO to the above questions are addressed in the case narrative.

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized by: James Todaro
This document electronically signed

ALPHA ANALYTICAL LABORATORIES

Laboratory Job Number: L0504022
Date Reported: 20-APR-2005

ALPHA SAMPLE NUMBER	CLIENT IDENTIFICATION	SAMPLE LOCATION
L0504022-01	MW-218S-20050413-01	WAYLAND, MA
L0504022-02	MW-218M-20050413-01	WAYLAND, MA
L0504022-03	MW-218D-20050413-01	WAYLAND, MA

ALPHA ANALYTICAL LABORATORIES
NARRATIVE REPORT

Laboratory Job Number: L0504022

Report Submission

In reference to question F, the samples were analyzed only for the compounds specified on the chain of custody.

Volatile Organics

L0504022-02 has elevated limits of detection due to the 2.5x dilutions required by the elevated concentrations of target compounds in the sample.

In reference to question E:

The WG199531-2 LCSD has low % recoveries for 1,1,2,2-tetrachloroethane, 4-methyl-2-pentanone and 1,2-dibromo-3-chloropropane.

ALPHA ANALYTICAL LABORATORIES
 CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0504022-01 Date Collected: 13-APR-2005 12:00
 MW-218S-20050413-01 Date Received : 14-APR-2005
 Sample Matrix: WATER Date Reported : 20-APR-2005
 Condition of Sample: Satisfactory Field Prep: None
 Number & Type of Containers: 4-Vial

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by MCP 8260B				60 8260B	0418 22.47 SE		
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	0.75				
Chloroform	ND	ug/l	0.75				
Carbon tetrachloride	ND	ug/l	0.50				
1,2-Dichloropropane	ND	ug/l	1.8				
Dibromochloromethane	ND	ug/l	0.50				
1,1,2-Trichloroethane	ND	ug/l	0.75				
Tetrachloroethene	ND	ug/l	0.50				
Chlorobenzene	ND	ug/l	0.50				
1,2-Dichloroethane	ND	ug/l	0.50				
1,1,1-Trichloroethane	ND	ug/l	0.50				
Bromodichloromethane	ND	ug/l	0.50				
trans-1,3-Dichloropropene	ND	ug/l	0.50				
cis-1,3-Dichloropropene	ND	ug/l	0.50				
Bromoform	ND	ug/l	2.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	0.50				
Benzene	ND	ug/l	0.50				
Chloromethane	ND	ug/l	2.5				
Vinyl chloride	ND	ug/l	1.0				
Chloroethane	ND	ug/l	1.0				
1,1-Dichloroethene	ND	ug/l	0.50				
trans-1,2-Dichloroethene	ND	ug/l	0.75				
Trichloroethene	ND	ug/l	0.50				
1,2-Dichlorobenzene	ND	ug/l	2.5				
1,3-Dichlorobenzene	ND	ug/l	2.5				
1,4-Dichlorobenzene	ND	ug/l	2.5				
Methyl tert butyl ether	ND	ug/l	1.0				
cis-1,2-Dichloroethene	ND	ug/l	0.50				
Dichlorodifluoromethane	ND	ug/l	5.0				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	1.0				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
 CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0504022-01
 MW-218S-20050413-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by MCP 8260B continued				60 8260B	0418 22:47		SE
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	107.	%		70-130			
Toluene-d8	97.0	%		70-130			
4-Bromofluorobenzene	101.	%		70-130			
Dibromofluoromethane	103.	%		70-130			

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0504022-02
MW-218M-20050413-01
Sample Matrix: WATER

Date Collected: 13-APR-2005 13:25
Date Received : 14-APR-2005
Date Reported : 20-APR-2005

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-Vial

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP ANAL	ID
Volatile Organics by MCP 8260B						
				60 8260B		0418 23:22 SE
Methylene chloride	ND	ug/l	12.			
1,1-Dichloroethane	6.8	ug/l	1.9			
Chloroform	ND	ug/l	1.9			
Carbon tetrachloride	ND	ug/l	1.2			
1,2-Dichloropropane	ND	ug/l	4.4			
Dibromochloromethane	ND	ug/l	1.2			
1,1,2-Trichloroethane	ND	ug/l	1.9			
Tetrachloroethene	ND	ug/l	1.2			
Chlorobenzene	ND	ug/l	1.2			
1,2-Dichloroethane	ND	ug/l	1.2			
1,1,1-Trichloroethane	ND	ug/l	1.2			
Bromodichloromethane	ND	ug/l	1.2			
trans-1,3-Dichloropropene	ND	ug/l	1.2			
cis-1,3-Dichloropropene	ND	ug/l	1.2			
Bromoform	ND	ug/l	5.0			
1,1,2,2-Tetrachloroethane	ND	ug/l	1.2			
Benzene	ND	ug/l	1.2			
Chloromethane	ND	ug/l	6.2			
Vinyl chloride	ND	ug/l	2.5			
Chloroethane	ND	ug/l	2.5			
1,1-Dichloroethene	ND	ug/l	1.2			
trans-1,2-Dichloroethene	ND	ug/l	1.9			
Trichloroethene	1.6	ug/l	1.2			
1,2-Dichlorobenzene	ND	ug/l	6.2			
1,3-Dichlorobenzene	ND	ug/l	6.2			
1,4-Dichlorobenzene	ND	ug/l	6.2			
Methyl tert butyl ether	100	ug/l	2.5			
cis-1,2-Dichloroethene	1.3	ug/l	1.2			
Dichlorodifluoromethane	ND	ug/l	12.			
1,2-Dibromoethane	ND	ug/l	5.0			
1,3-Dichloropropane	ND	ug/l	6.2			
1,1,1,2-Tetrachloroethane	ND	ug/l	1.2			
o-Chlorotoluene	ND	ug/l	6.2			
p-Chlorotoluene	ND	ug/l	6.2			
Hexachlorobutadiene	ND	ug/l	2.5			
1,2,4-Trichlorobenzene	ND	ug/l	6.2			

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
 CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0504022-02
 MW-218M-20050413-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by MCP 8260B continued				60 8260B	0418 23:22		SE
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	109.	%		70-130			
Toluene-d8	94.0	%		70-130			
4-Bromofluorobenzene	104.	%		70-130			
Dibromofluoromethane	100.	%		70-130			

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0504022-03 Date Collected: 13-APR-2005 14:40
MW-218D-20050413-01 Date Received : 14-APR-2005
Sample Matrix: WATER Date Reported : 20-APR-2005
Condition of Sample: Satisfactory Field Prep: None
Number & Type of Containers: 2-Vial

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by MCP 8260B				60 8260B	0418 23:58 SE		
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	0.75				
Chloroform	ND	ug/l	0.75				
Carbon tetrachloride	ND	ug/l	0.50				
1,2-Dichloropropane	ND	ug/l	1.8				
Dibromochloromethane	ND	ug/l	0.50				
1,1,2-Trichloroethane	ND	ug/l	0.75				
Tetrachloroethene	ND	ug/l	0.50				
Chlorobenzene	ND	ug/l	0.50				
1,2-Dichloroethane	ND	ug/l	0.50				
1,1,1-Trichloroethane	ND	ug/l	0.50				
Bromodichloromethane	ND	ug/l	0.50				
trans-1,3-Dichloropropene	ND	ug/l	0.50				
cis-1,3-Dichloropropene	ND	ug/l	0.50				
Bromoform	ND	ug/l	2.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	0.50				
Benzene	ND	ug/l	0.50				
Chloromethane	ND	ug/l	2.5				
Vinyl chloride	ND	ug/l	1.0				
Chloroethane	ND	ug/l	1.0				
1,1-Dichloroethene	ND	ug/l	0.50				
trans-1,2-Dichloroethene	ND	ug/l	0.75				
Trichloroethene	0.56	ug/l	0.50				
1,2-Dichlorobenzene	ND	ug/l	2.5				
1,3-Dichlorobenzene	ND	ug/l	2.5				
1,4-Dichlorobenzene	ND	ug/l	2.5				
Methyl tert butyl ether	ND	ug/l	1.0				
cis-1,2-Dichloroethene	ND	ug/l	0.50				
Dichlorodifluoromethane	ND	ug/l	5.0				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	1.0				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
 CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0504022-03
 MW-218D-20050413-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by MCP 8260B continued				60 8260B	0418 23:58 SE		
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	110.	%		70-130			
Toluene-d8	97.0	%		70-130			
4-Bromofluorobenzene	103.	%		70-130			
Dibromofluoromethane	107.	%		70-130			

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
 QUALITY ASSURANCE BATCH LCS/LCSD ANALYSIS

Laboratory Job Number: L0504022

Parameter	LCS %	LCSD %	RPD	RPD Limit	QC Limits
Volatile Organics by MCP 8260B for sample(s) 01-03 (WG199531-1, WG199531-2)					
Methylene chloride	89	85	5	25	70-130
1,1-Dichloroethane	79	79	0	25	70-130
Chloroform	92	86	7	25	70-130
Carbon tetrachloride	105	94	11	25	70-130
1,2-Dichloropropane	88	82	7	25	70-130
Dibromochloromethane	78	74	5	25	70-130
1,1,2-Trichloroethane	77	73	5	25	70-130
Tetrachloroethene	94	86	9	25	70-130
Chlorobenzene	86	80	7	25	70-130
Trichlorofluoromethane	104	90	14	25	70-130
1,2-Dichloroethane	92	88	4	25	70-130
1,1,1-Trichloroethane	102	93	9	25	70-130
Bromodichloromethane	82	78	5	25	70-130
trans-1,3-Dichloropropene	77	73	5	25	70-130
cis-1,3-Dichloropropene	81	79	3	25	70-130
1,1-Dichloropropene	97	89	9	25	70-130
Bromoform	78	74	5	50	70-130
1,1,2,2-Tetrachloroethane	77	68	12	25	70-130
Benzene	94	86	9	25	70-130
Toluene	86	79	8	25	70-130
Ethylbenzene	88	80	10	25	70-130
Chloromethane	88	79	11	50	70-130
Bromomethane	78	88	12	50	70-130
Vinyl chloride	101	90	12	25	70-130
Chloroethane	87	83	5	25	70-130
1,1-Dichloroethene	96	87	10	25	70-130
trans-1,2-Dichloroethene	94	89	5	25	70-130
Trichloroethene	94	86	9	25	70-130
1,2-Dichlorobenzene	85	79	7	25	70-130
1,3-Dichlorobenzene	89	82	8	25	70-130
1,4-Dichlorobenzene	86	80	7	25	70-130
Methyl tert butyl ether	74	74	0	25	70-130
p/m-Xylene	86	80	7	25	70-130
o-Xylene	87	79	10	25	70-130
cis-1,2-Dichloroethene	90	86	5	25	70-130
Dibromomethane	91	83	9	25	70-130
1,2,3-Trichloropropane	80	72	11	25	70-130
Styrene	84	78	7	25	70-130
Dichlorodifluoromethane	80	73	9	50	70-130
Acetone	86	76	12	50	70-130
Carbon disulfide	89	83	7	25	70-130
2-Butanone	83	70	17	50	70-130
4-Methyl-2-pentanone	72	60	18	50	70-130
2-Hexanone	84	71	17	50	70-130
Bromochloromethane	98	90	9	25	70-130
Tetrahydrofuran	95	74	25	25	70-130
2,2-Dichloropropane	78	80	3	25	70-130
1,2-Dibromoethane	80	77	4	25	70-130

ALPHA ANALYTICAL LABORATORIES
 QUALITY ASSURANCE BATCH LCS/LCSD ANALYSIS

Laboratory Job Number: L0504022

Continued

Parameter	LCS %	LCSD %	RPD	RPD Limit	QC Limits
Volatile Organics by MCP 8260B for sample(s) 01-03 (WG199531-1, WG199531-2)					
1,3-Dichloropropane	77	73	5	25	70-130
1,1,1,2-Tetrachloroethane	84	77	9	25	70-130
Bromobenzene	93	82	13	25	70-130
n-Butylbenzene	88	81	8	25	70-130
sec-Butylbenzene	84	76	10	25	70-130
tert-Butylbenzene	87	79	10	25	70-130
o-Chlorotoluene	88	81	8	25	70-130
p-Chlorotoluene	84	78	7	25	70-130
1,2-Dibromo-3-chloropropane	74	67	10	50	70-130
Hexachlorobutadiene	90	80	12	25	70-130
Isopropylbenzene	86	79	8	25	70-130
p-Isopropyltoluene	86	80	7	25	70-130
Naphthalene	84	82	2	25	70-130
n-Propylbenzene	86	75	14	25	70-130
1,2,3-Trichlorobenzene	95	90	5	25	70-130
1,2,4-Trichlorobenzene	92	87	6	25	70-130
1,3,5-Trimethylbenzene	87	78	11	25	70-130
1,2,4-Trimethylbenzene	84	78	7	25	70-130
Ethyl ether	85	86	1	25	70-130
Isopropyl Ether	87	82	6	25	70-130
Ethyl-Tert-Butyl-Ether	85	80	6	25	70-130
Tertiary-Amyl Methyl Ether	82	78	5	25	70-130
1,4-Dioxane	90	90	0	50	70-130
Surrogate (s)					
1,2-Dichloroethane-d4	105	107	2		70-130
Toluene-d8	98	97	1		70-130
4-Bromofluorobenzene	101	104	3		70-130
Dibromofluoromethane	103	102	1		70-130

ALPHA ANALYTICAL LABORATORIES
 QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0504022

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 01-03 (WG199531-3)							
Volatile Organics by MCP 8260B				60 8260B	0418 17:19 SE		
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	0.75				
Chloroform	ND	ug/l	0.75				
Carbon tetrachloride	ND	ug/l	0.50				
1,2-Dichloropropane	ND	ug/l	1.8				
Dibromochloromethane	ND	ug/l	0.50				
1,1,2-Trichloroethane	ND	ug/l	0.75				
Tetrachloroethene	ND	ug/l	0.50				
Chlorobenzene	ND	ug/l	0.50				
Trichlorofluoromethane	ND	ug/l	2.5				
1,2-Dichloroethane	ND	ug/l	0.50				
1,1,1-Trichloroethane	ND	ug/l	0.50				
Bromodichloromethane	ND	ug/l	0.50				
trans-1,3-Dichloropropene	ND	ug/l	0.50				
cis-1,3-Dichloropropene	ND	ug/l	0.50				
1,1-Dichloropropene	ND	ug/l	2.5				
Bromoform	ND	ug/l	2.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	0.50				
Benzene	ND	ug/l	0.50				
Toluene	ND	ug/l	0.75				
Ethylbenzene	ND	ug/l	0.50				
Chloromethane	ND	ug/l	2.5				
Bromomethane	ND	ug/l	1.0				
Vinyl chloride	ND	ug/l	1.0				
Chloroethane	ND	ug/l	1.0				
1,1-Dichloroethene	ND	ug/l	0.50				
trans-1,2-Dichloroethene	ND	ug/l	0.75				
Trichloroethene	ND	ug/l	0.50				
1,2-Dichlorobenzene	ND	ug/l	2.5				
1,3-Dichlorobenzene	ND	ug/l	2.5				
1,4-Dichlorobenzene	ND	ug/l	2.5				
Methyl tert butyl ether	ND	ug/l	1.0				
p/m-Xylene	ND	ug/l	0.50				
o-Xylene	ND	ug/l	0.50				
cis-1,2-Dichloroethene	ND	ug/l	0.50				
Dibromomethane	ND	ug/l	5.0				
1,2,3-Trichloropropane	ND	ug/l	5.0				
Styrene	ND	ug/l	0.50				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	ND	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				
Bromochloromethane	ND	ug/l	2.5				
Tetrahydrofuran	ND	ug/l	10.				

ALPHA ANALYTICAL LABORATORIES
 QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0504022

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 01-03 (WG199531-3)							
Volatile Organics by MCP 8260B continued							
				60 8260B		0418 17:19	SE
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	ND	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	1.0				
Isopropylbenzene	ND	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
1,2,4-Trimethylbenzene	ND	ug/l	2.5				
Ethyl ether	ND	ug/l	2.5				
Isopropyl Ether	ND	ug/l	2.0				
Ethyl-Tert-Butyl-Ether	ND	ug/l	2.0				
Tertiary-Amyl Methyl Ether	ND	ug/l	2.0				
1,4-Dioxane	ND	ug/l	250				
Surrogate (s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	100.	%		70-130			
Toluene-d8	97.0	%		70-130			
4-Bromofluorobenzene	103.	%		70-130			
Dibromofluoromethane	96.0	%		70-130			

ALPHA ANALYTICAL LABORATORIES
ADDENDUM I

REFERENCES

60. Quality Assurance and Quality Control Requirements and Performance Standards for SW-846 Methods. MADEP BWSC. WSC-CAM-IIA (Revision 4), WSC-CAM-V C (Revision 2), WSC-CAM-IIIA (Revision 5). May 2004.

GLOSSARY OF TERMS AND SYMBOLS

REF Reference number in which test method may be found.
METHOD Method number by which analysis was performed.
ID Initials of the analyst.
ND Not detected in comparison to the reported detection limit.
NI Not Ignitable.
ug/cart Micrograms per Cartridge.

LIMITATION OF LIABILITIES

Alpha Analytical, Inc. performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical, Inc., shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical, Inc. be held liable for any incidental consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical, Inc.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding times and splitting of samples in the field.

ALPHA ANALYTICAL LABORATORIES
LOGIN SPECIFIC INFORMATION

Laboratory Job Number: L0504022

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0504022-01A	Vial HCl preserved	A	N/A	0.4 C	Y	Absent	MCP-8260-04
L0504022-01B	Vial HCl preserved	A	N/A	0.4 C	Y	Absent	MCP-8260-04
L0504022-01X	Vial HCl preserved				Y	Absent	MCP-8260-04
L0504022-01Y	Vial HCl preserved				Y	Absent	MCP-8260-04
L0504022-02A	Vial HCl preserved	A	N/A	0.4 C	Y	Absent	MCP-8260-04
L0504022-02B	Vial HCl preserved	A	N/A	0.4 C	Y	Absent	MCP-8260-04
L0504022-03A	Vial HCl preserved	A	N/A	0.4 C	Y	Absent	MCP-8260-04
L0504022-03B	Vial HCl preserved	A	N/A	0.4 C	Y	Absent	MCP-8260-04

Container Comments

Container ID	Comments
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CHAIN OF CUSTODY

PAGE 1 OF 1

Eight Walkup Drive Westborough, MA 01581
TEL: 508-898-9220 FAX: 508-898-9193

Client Information

Client: **ERM**

Address: **399 Boylston St
Boston MA 02116**

Phone: **617 646 7800**

Fax: **617 267 6447**

Email: **fin@office@erm.com**

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits: **MCP**

Project Information

Project Name: **KAYTREN**

Project Location: **WAYLAND, MA**

Project #: **28047**

Project Manager: **SEREMY PIGARD**

ALPHA Quote #:

Turn-Around Time

Standard

RUSH (only confirmed if pre-approved!)

Date Due: **4/21**

Time:

Date Rec'd In Lab: **4/14**

Report Information - Data Deliverables

FAX EMAIL

ADEx Add'l Deliverables

Regulatory Requirements/Report Limits

State / Fed Program

MCP

Criteria

ALPHA Job #: **207022**

Billing Information

Same as Client Info PO #:

MCP PRESUMPTIVE CERTAINTY - THESE QUESTIONS MUST BE ANSWERED

- Yes No Are MCP Analytical Methods Required?
- Yes No Are Drinking Water Samples Submitted?
- Yes No Have you met minimum field QC requirements?

SAMPLE HANDLING

- Filtration Done Not needed
- Lab to do Lab to do
- Preservation Lab to do

Sample Specific Comments

NO COOLER FOR ANALYZE USE

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Date	Time	Container Type	Preservative	Date/Time	Received By:	Date/Time	Sample Specific Comments
		Date	Time										
	MW-2005-20050413-01	04/13	10:00	WG	TD	04/13	10:00	V	B				
4022-1	MW-2-18-S-20050413-01	04/13	12:00	WG	TD	04/13	12:00	V	B				
	MW-2-18-M-20050413-01	04/13	13:25	WG	TD	04/13	13:25	V	B				
	MW-2-18-D-20050413-01	04/13	14:48	WG	TD	04/13	14:48	V	B				

QUESTIONS ABOVE MUST BE ANSWERED FOR PRESUMPTIVE CERTAINTY

IS YOUR PROJECT MCP?

NO

Relinquished By:

Fin @ Office

Date/Time

4/14/05 13:30

Received By:

Seremy Pigard

Date/Time

4/14/05 13:30

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms. See reverse side.