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

Address: 399 Boylston Street
6th Floor
Boston, MA 02116

Attn: Jeremy Picard

Project Number: 28046

Site: FORMER RAYTHEON FACILITY

Laboratory Job Number: L0503949

Date Received: 13-APR-2005

Date Reported: 20-APR-2005

Delivery Method: Alpha

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?	NO
F. Were results for all analyte-list compounds/elements for the specified method(s) reported?	NO

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: Kathleen M. O'Brien
This document electronically signed

Laboratory Job Number: L0503949
Date Reported: 20-APR-2005

ALPHA SAMPLE NUMBER	CLIENT IDENTIFICATION	SAMPLE LOCATION
L0503949-01	MW-202M-20050412-01	WAYLAND, MA
L0503949-02	MW-202S-20050412-01	WAYLAND, MA
L0503949-03	DUP-011-20050412-01	WAYLAND, MA

ALPHA ANALYTICAL LABORATORIES
NARRATIVE REPORT

Laboratory Job Number: L0503949

MCP Related Narratives

Report Submission

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

Volatile Organics

L0503949-01 has elevated limits of detection due to the 5x dilution required by the elevated concentrations of target compounds in the sample.

L0503949-03 was re-analyzed on a 5x dilution in order to quantitate the sample within the range of the calibration. The result is reported as a greater than value for the compound that exceeded the calibration on the initial analysis. The re-analysis was performed only for the compound which exceeded the range of the calibration.

In reference to question E, the WG199562-1 and -2 LCS/LCSD % recoveries for Bromomethane, a difficult analyte, are below the acceptance criteria for the method.

Metals

L0503949-02 was re-analyzed on a 10x dilution in order to quantitate the Sodium within the range of the calibration. The result is reported as a greater than value for the compound that exceeded the calibration on the initial analysis. The re-analysis was performed only for the compound which exceeded the range of the calibration.

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: L0503949-01
MW-202M-20050412-01
Sample Matrix: WATER

Date Collected: 12-APR-2005 11:20
Date Received : 13-APR-2005
Date Reported : 20-APR-2005

Condition of Sample: Satisfactory

Field Prep: Field Filtered

Number & Type of Containers: 1-Plastic,2-Vial

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Dissolved Metals by MCP 6000/7000 series				60 6010B			
Sodium, Dissolved	24.	mg/l	2.0	60 6010B	0415 17:00	0418 16:54	RW
Volatile Organics by MCP 8260B				60 8260B		0418 19:04	TT
Methylene chloride	ND	ug/l	25.				
1,1-Dichloroethane	ND	ug/l	3.8				
Chloroform	ND	ug/l	3.8				
Carbon tetrachloride	ND	ug/l	2.5				
1,2-Dichloropropane	ND	ug/l	8.8				
Dibromochloromethane	ND	ug/l	2.5				
1,1,2-Trichloroethane	ND	ug/l	3.8				
Tetrachloroethene	ND	ug/l	2.5				
Chlorobenzene	ND	ug/l	2.5				
1,2-Dichloroethane	ND	ug/l	2.5				
1,1,1-Trichloroethane	15.	ug/l	2.5				
Bromodichloromethane	ND	ug/l	2.5				
trans-1,3-Dichloropropene	ND	ug/l	2.5				
cis-1,3-Dichloropropene	ND	ug/l	2.5				
Bromoform	ND	ug/l	10.				
1,1,2,2-Tetrachloroethane	ND	ug/l	2.5				
Benzene	ND	ug/l	2.5				
Chloromethane	ND	ug/l	12.				
Vinyl chloride	ND	ug/l	5.0				
Chloroethane	ND	ug/l	5.0				
1,1-Dichloroethene	ND	ug/l	2.5				
trans-1,2-Dichloroethene	ND	ug/l	3.8				
Trichloroethene	61.	ug/l	2.5				
1,2-Dichlorobenzene	ND	ug/l	12.				
1,3-Dichlorobenzene	ND	ug/l	12.				
1,4-Dichlorobenzene	ND	ug/l	12.				
Methyl tert butyl ether	190	ug/l	5.0				
cis-1,2-Dichloroethene	ND	ug/l	2.5				
Dichlorodifluoromethane	ND	ug/l	25.				
1,2-Dibromoethane	ND	ug/l	10.				
1,3-Dichloropropane	ND	ug/l	12.				
1,1,1,2-Tetrachloroethane	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	12.				
p-Chlorotoluene	ND	ug/l	12.				

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

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0503949-01
MW-202M-20050412-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by MCP 8260B continued				60 8260B		0418 19:04	TT
Hexachlorobutadiene	ND	ug/l	5.0				
1,2,4-Trichlorobenzene	ND	ug/l	12.				
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	97.0	%	70-130				
Toluene-d8	93.0	%	70-130				
4-Bromofluorobenzene	92.0	%	70-130				
Dibromofluoromethane	91.0	%	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: L0503949-02
MW-202S-20050412-01
Sample Matrix: WATER

Date Collected: 12-APR-2005 13:20
Date Received : 13-APR-2005
Date Reported : 20-APR-2005

Condition of Sample: Satisfactory

Field Prep: Field Filtered

Number & Type of Containers: 1-Plastic,2-Vial

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Dissolved Metals by MCP 6000/7000 series				60 6010B			
Sodium, Dissolved	>90	mg/l	2	60 6010B	0415 17:00	0418 16:57	RW
Sodium, Dissolved	160	mg/l	20.	60 6010B	0415 17:00	0419 08:40	RW
Volatile Organics by MCP 8260B				60 8260B		0418 19:44	TT
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	1.7	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	2.4	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				

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

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0503949-02
MW-202S-20050412-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by MCP 8260B continued				60 8260B		0418 19:44	TT
p-Chlorotoluene	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	1.0				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	99.0	%	70-130				
Toluene-d8	94.0	%	70-130				
4-Bromofluorobenzene	94.0	%	70-130				
Dibromofluoromethane	92.0	%	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: L0503949-03
DUP-011-20050412-01
Sample Matrix: WATER

Date Collected: 12-APR-2005 00:00
Date Received : 13-APR-2005
Date Reported : 20-APR-2005

Condition of Sample: Satisfactory

Field Prep: Field Filtered

Number & Type of Containers: 1-Plastic,2-Vial

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Dissolved Metals by MCP 6000/7000 series				60 6010B			
Sodium, Dissolved	24.	mg/l	2.0	60 6010B	0415 17:00	0418 17:03	RW
Volatile Organics by MCP 8260B				60 8260B		0418 20:24	TT
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	16.	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	2.1	ug/l	0.50				
trans-1,2-Dichloroethene	ND	ug/l	0.75				
Trichloroethene	63.	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	>100	ug/l	1				
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				

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

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0503949-03
DUP-011-20050412-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by MCP 8260B continued				60 8260B		0418 20:24	TT
Hexachlorobutadiene	ND	ug/l	1.0				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	102.	%	70-130				
Toluene-d8	94.0	%	70-130				
4-Bromofluorobenzene	95.0	%	70-130				
Dibromofluoromethane	93.0	%	70-130				
Volatile Organics by MCP 8260B				60 8260B		0419 11:51	TT
Methyl tert butyl ether	200	ug/l	5.0				
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	109.	%	70-130				
Toluene-d8	102.	%	70-130				
4-Bromofluorobenzene	101.	%	70-130				
Dibromofluoromethane	102.	%	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: L0503949

Parameter	LCS %	LCSD %	RPD	RPD Limit	QC Limits
Dissolved Metals by MCP 6000/7000 series for sample(s) 01-03 (WG199322-2, WG199322-3)					
Sodium, Dissolved	110	110	0	20	75-125
Volatile Organics by MCP 8260B for sample(s) 01-02 (WG199538-1, WG199538-2)					
Methylene chloride	102	100	2	25	70-130
1,1-Dichloroethane	108	105	3	25	70-130
Chloroform	101	99	2	25	70-130
Carbon tetrachloride	101	100	1	25	70-130
1,2-Dichloropropane	103	102	1	25	70-130
Dibromochloromethane	92	91	1	25	70-130
1,1,2-Trichloroethane	107	104	3	25	70-130
Tetrachloroethene	104	100	4	25	70-130
Chlorobenzene	101	100	1	25	70-130
Trichlorofluoromethane	103	101	2	25	70-130
1,2-Dichloroethane	110	110	0	25	70-130
1,1,1-Trichloroethane	105	102	3	25	70-130
Bromodichloromethane	97	96	1	25	70-130
trans-1,3-Dichloropropene	100	99	1	25	70-130
cis-1,3-Dichloropropene	100	99	1	25	70-130
1,1-Dichloropropene	107	102	5	25	70-130
Bromoform	81	81	0	50	70-130
1,1,2,2-Tetrachloroethane	96	98	2	25	70-130
Benzene	104	102	2	25	70-130
Toluene	105	101	4	25	70-130
Ethylbenzene	106	103	3	25	70-130
Chloromethane	95	93	2	50	70-130
Bromomethane	80	86	7	50	70-130
Vinyl chloride	105	103	2	25	70-130
Chloroethane	107	103	4	25	70-130
1,1-Dichloroethene	101	98	3	25	70-130
trans-1,2-Dichloroethene	104	101	3	25	70-130
Trichloroethene	106	103	3	25	70-130
1,2-Dichlorobenzene	97	97	0	25	70-130
1,3-Dichlorobenzene	98	98	0	25	70-130
1,4-Dichlorobenzene	98	96	2	25	70-130
Methyl tert butyl ether	98	98	0	25	70-130
p/m-Xylene	105	103	2	25	70-130
o-Xylene	106	103	3	25	70-130
cis-1,2-Dichloroethene	105	103	2	25	70-130
Dibromomethane	102	104	2	25	70-130
1,2,3-Trichloropropane	93	97	4	25	70-130
Styrene	107	104	3	25	70-130
Dichlorodifluoromethane	79	75	5	50	70-130
Acetone	78	78	0	50	70-130
Carbon disulfide	100	97	3	25	70-130
2-Butanone	73	75	3	50	70-130
4-Methyl-2-pentanone	77	74	4	50	70-130
2-Hexanone	73	71	3	50	70-130
Bromochloromethane	103	105	2	25	70-130

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH LCS/LCSD ANALYSIS

Laboratory Job Number: L0503949

Continued

Parameter	LCS %	LCSD %	RPD	RPD Limit	QC Limits
Volatile Organics by MCP 8260B for sample(s) 01-02 (WG199538-1, WG199538-2)					
Tetrahydrofuran	93	92	1	25	70-130
2,2-Dichloropropane	101	96	5	25	70-130
1,2-Dibromoethane	102	100	2	25	70-130
1,3-Dichloropropane	102	103	1	25	70-130
1,1,1,2-Tetrachloroethane	101	99	2	25	70-130
Bromobenzene	98	97	1	25	70-130
n-Butylbenzene	100	97	3	25	70-130
sec-Butylbenzene	100	97	3	25	70-130
tert-Butylbenzene	98	95	3	25	70-130
o-Chlorotoluene	93	90	3	25	70-130
p-Chlorotoluene	100	98	2	25	70-130
1,2-Dibromo-3-chloropropane	82	84	2	50	70-130
Hexachlorobutadiene	94	91	3	25	70-130
Isopropylbenzene	100	98	2	25	70-130
p-Isopropyltoluene	99	95	4	25	70-130
Naphthalene	88	87	1	25	70-130
n-Propylbenzene	100	98	2	25	70-130
1,2,3-Trichlorobenzene	92	90	2	25	70-130
1,2,4-Trichlorobenzene	91	88	3	25	70-130
1,3,5-Trimethylbenzene	100	97	3	25	70-130
1,2,4-Trimethylbenzene	100	98	2	25	70-130
Ethyl ether	100	98	2	25	70-130
Isopropyl Ether	100	98	2	25	70-130
Ethyl-Tert-Butyl-Ether	101	101	0	25	70-130
Tertiary-Amyl Methyl Ether	101	101	0	25	70-130
1,4-Dioxane	99	110	11	50	70-130
Surrogate(s)					
1,2-Dichloroethane-d4	111	104	7		70-130
Toluene-d8	105	98	7		70-130
4-Bromofluorobenzene	101	97	4		70-130
Dibromofluoromethane	109	101	8		70-130
Volatile Organics by MCP 8260B for sample(s) 03 (WG199562-1, WG199562-2)					
Methylene chloride	104	97	7	25	70-130
1,1-Dichloroethane	105	99	6	25	70-130
Chloroform	100	93	7	25	70-130
Carbon tetrachloride	96	94	2	25	70-130
1,2-Dichloropropane	102	96	6	25	70-130
Dibromochloromethane	90	88	2	25	70-130
1,1,2-Trichloroethane	105	102	3	25	70-130
Tetrachloroethene	103	93	10	25	70-130
Chlorobenzene	99	93	6	25	70-130
Trichlorofluoromethane	102	96	6	25	70-130
1,2-Dichloroethane	110	108	2	25	70-130
1,1,1-Trichloroethane	103	96	7	25	70-130
Bromodichloromethane	95	93	2	25	70-130

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH LCS/LCSD ANALYSIS

Laboratory Job Number: L0503949

Continued

Parameter	LCS %	LCSD %	RPD	RPD Limit	QC Limits
Volatile Organics by MCP 8260B for sample(s) 03 (WG199562-1, WG199562-2)					
trans-1,3-Dichloropropene	97	94	3	25	70-130
cis-1,3-Dichloropropene	96	93	3	25	70-130
1,1-Dichloropropene	103	96	7	25	70-130
Bromoform	82	82	0	50	70-130
1,1,2,2-Tetrachloroethane	98	95	3	25	70-130
Benzene	105	99	6	25	70-130
Toluene	102	95	7	25	70-130
Ethylbenzene	104	97	7	25	70-130
Chloromethane	95	89	7	50	70-130
Bromomethane	50	61	20	50	70-130
Vinyl chloride	109	100	9	25	70-130
Chloroethane	111	101	9	25	70-130
1,1-Dichloroethene	98	92	6	25	70-130
trans-1,2-Dichloroethene	102	97	5	25	70-130
Trichloroethene	104	99	5	25	70-130
1,2-Dichlorobenzene	98	94	4	25	70-130
1,3-Dichlorobenzene	98	95	3	25	70-130
1,4-Dichlorobenzene	98	93	5	25	70-130
Methyl tert butyl ether	100	98	2	25	70-130
p/m-Xylene	104	97	7	25	70-130
o-Xylene	105	98	7	25	70-130
cis-1,2-Dichloroethene	105	98	7	25	70-130
Dibromomethane	103	101	2	25	70-130
1,2,3-Trichloropropane	95	94	1	25	70-130
Styrene	106	99	7	25	70-130
Dichlorodifluoromethane	75	70	7	50	70-130
Acetone	100	88	13	50	70-130
Carbon disulfide	99	91	8	25	70-130
2-Butanone	89	81	9	50	70-130
4-Methyl-2-pentanone	78	76	3	50	70-130
2-Hexanone	86	72	18	50	70-130
Bromochloromethane	104	100	4	25	70-130
Tetrahydrofuran	93	94	1	25	70-130
2,2-Dichloropropane	95	87	9	25	70-130
1,2-Dibromoethane	102	98	4	25	70-130
1,3-Dichloropropane	103	98	5	25	70-130
1,1,1,2-Tetrachloroethane	96	93	3	25	70-130
Bromobenzene	99	95	4	25	70-130
n-Butylbenzene	99	92	7	25	70-130
sec-Butylbenzene	100	93	7	25	70-130
tert-Butylbenzene	97	92	5	25	70-130
o-Chlorotoluene	97	91	6	25	70-130
p-Chlorotoluene	99	94	5	25	70-130
1,2-Dibromo-3-chloropropane	88	79	11	50	70-130
Hexachlorobutadiene	93	85	9	25	70-130
Isopropylbenzene	100	94	6	25	70-130
p-Isopropyltoluene	96	91	5	25	70-130

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH LCS/LCSD ANALYSIS

Laboratory Job Number: L0503949

Continued

Parameter	LCS %	LCSD %	RPD	RPD Limit	QC Limits
Volatile Organics by MCP 8260B for sample(s) 03 (WG199562-1, WG199562-2)					
Naphthalene	88	86	2	25	70-130
n-Propylbenzene	100	93	7	25	70-130
1,2,3-Trichlorobenzene	89	89	0	25	70-130
1,2,4-Trichlorobenzene	88	86	2	25	70-130
1,3,5-Trimethylbenzene	99	93	6	25	70-130
1,2,4-Trimethylbenzene	100	94	6	25	70-130
Ethyl ether	104	99	5	25	70-130
Isopropyl Ether	102	98	4	25	70-130
Ethyl-Tert-Butyl-Ether	102	100	2	25	70-130
Tertiary-Amyl Methyl Ether	102	100	2	25	70-130
1,4-Dioxane	105	112	6	50	70-130
Surrogate(s)					
1,2-Dichloroethane-d4	115	108	6		70-130
Toluene-d8	106	99	7		70-130
4-Bromofluorobenzene	103	98	5		70-130
Dibromofluoromethane	107	101	6		70-130
Volatile Organics by MCP 8260B for sample(s) 03 (WG199562-4, WG199562-5)					
Methylene chloride	102	100	2	25	70-130
1,1-Dichloroethane	108	105	3	25	70-130
Chloroform	101	99	2	25	70-130
Carbon tetrachloride	101	100	1	25	70-130
1,2-Dichloropropane	103	102	1	25	70-130
Dibromochloromethane	92	91	1	25	70-130
1,1,2-Trichloroethane	107	104	3	25	70-130
Tetrachloroethene	104	100	4	25	70-130
Chlorobenzene	101	100	1	25	70-130
Trichlorofluoromethane	103	101	2	25	70-130
1,2-Dichloroethane	110	110	0	25	70-130
1,1,1-Trichloroethane	105	102	3	25	70-130
Bromodichloromethane	97	96	1	25	70-130
trans-1,3-Dichloropropene	100	99	1	25	70-130
cis-1,3-Dichloropropene	100	99	1	25	70-130
1,1-Dichloropropene	107	102	5	25	70-130
Bromoform	81	81	0	50	70-130
1,1,2,2-Tetrachloroethane	96	98	2	25	70-130
Benzene	104	102	2	25	70-130
Toluene	105	101	4	25	70-130
Ethylbenzene	106	103	3	25	70-130
Chloromethane	95	93	2	50	70-130
Bromomethane	80	86	7	50	70-130
Vinyl chloride	105	103	2	25	70-130
Chloroethane	107	103	4	25	70-130
1,1-Dichloroethene	101	98	3	25	70-130
trans-1,2-Dichloroethene	104	101	3	25	70-130
Trichloroethene	106	103	3	25	70-130

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH LCS/LCSD ANALYSIS

Laboratory Job Number: L0503949

Continued

Parameter	LCS %	LCSD %	RPD	RPD Limit	QC Limits
Volatile Organics by MCP 8260B for sample(s) 03 (WG199562-4, WG199562-5)					
1,2-Dichlorobenzene	97	97	0	25	70-130
1,3-Dichlorobenzene	98	98	0	25	70-130
1,4-Dichlorobenzene	98	96	2	25	70-130
Methyl tert butyl ether	98	98	0	25	70-130
p/m-Xylene	105	103	2	25	70-130
o-Xylene	106	103	3	25	70-130
cis-1,2-Dichloroethene	105	103	2	25	70-130
Dibromomethane	102	104	2	25	70-130
1,2,3-Trichloropropane	93	97	4	25	70-130
Styrene	107	104	3	25	70-130
Dichlorodifluoromethane	79	75	5	50	70-130
Acetone	78	78	0	50	70-130
Carbon disulfide	100	97	3	25	70-130
2-Butanone	73	75	3	50	70-130
4-Methyl-2-pentanone	77	74	4	50	70-130
2-Hexanone	73	71	3	50	70-130
Bromochloromethane	103	105	2	25	70-130
Tetrahydrofuran	93	92	1	25	70-130
2,2-Dichloropropane	101	96	5	25	70-130
1,2-Dibromoethane	102	100	2	25	70-130
1,3-Dichloropropane	102	103	1	25	70-130
1,1,1,2-Tetrachloroethane	101	99	2	25	70-130
Bromobenzene	98	97	1	25	70-130
n-Butylbenzene	100	97	3	25	70-130
sec-Butylbenzene	100	97	3	25	70-130
tert-Butylbenzene	98	95	3	25	70-130
o-Chlorotoluene	93	90	3	25	70-130
p-Chlorotoluene	100	98	2	25	70-130
1,2-Dibromo-3-chloropropane	82	84	2	50	70-130
Hexachlorobutadiene	94	91	3	25	70-130
Isopropylbenzene	100	98	2	25	70-130
p-Isopropyltoluene	99	95	4	25	70-130
Naphthalene	88	87	1	25	70-130
n-Propylbenzene	100	98	2	25	70-130
1,2,3-Trichlorobenzene	92	90	2	25	70-130
1,2,4-Trichlorobenzene	91	88	3	25	70-130
1,3,5-Trimethylbenzene	100	97	3	25	70-130
1,2,4-Trimethylbenzene	100	98	2	25	70-130
Ethyl ether	100	98	2	25	70-130
Isopropyl Ether	100	98	2	25	70-130
Ethyl-Tert-Butyl-Ether	101	101	0	25	70-130
Tertiary-Amyl Methyl Ether	101	101	0	25	70-130
1,4-Dioxane	99	110	11	50	70-130
Surrogate(s)					
1,2-Dichloroethane-d4	111	104	7		70-130
Toluene-d8	105	98	7		70-130

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH LCS/LCSD ANALYSIS

Laboratory Job Number: L0503949

Continued

Parameter	LCS %	LCSD %	RPD	RPD Limit	QC Limits
Volatile Organics by MCP 8260B for sample(s) 03 (WG199562-4, WG199562-5)					
4-Bromofluorobenzene	101	97	4		70-130
Dibromofluoromethane	109	101	8		70-130

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0503949

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Blank Analysis for sample(s) 01-03 (WG199322-1)							
Dissolved Metals by MCP 6000/7000 series				60 6010B			
Sodium, Dissolved	ND	mg/l	2.0	60 6010B	0415 17:00	0418 16:10	RW
Blank Analysis for sample(s) 01-02 (WG199538-3)							
Volatile Organics by MCP 8260B				60 8260B		0418 16:22	TT
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				

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0503949

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Blank Analysis for sample(s) 01-02 (WG199538-3)							
Volatile Organics by MCP 8260B continued				60 8260B		0418 16:22	TT
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.				
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	103.	%	70-130				
Toluene-d8	97.0	%	70-130				
4-Bromofluorobenzene	95.0	%	70-130				
Dibromofluoromethane	96.0	%	70-130				
Blank Analysis for sample(s) 03 (WG199562-3)							
Volatile Organics by MCP 8260B				60 8260B		0419 07:50	TT
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				

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0503949

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Blank Analysis for sample(s) 03 (WG199562-3)							
Volatile Organics by MCP 8260B continued				60 8260B		0419 07:50	TT
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.				
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				

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0503949

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Blank Analysis for sample(s) 03 (WG199562-3)							
Volatile Organics by MCP 8260B continued				60 8260B		0419 07:50	TT
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	113.	%	70-130				
Toluene-d8	107.	%	70-130				
4-Bromofluorobenzene	106.	%	70-130				
Dibromofluoromethane	108.	%	70-130				
Blank Analysis for sample(s) 03 (WG199562-6)							
Volatile Organics by MCP 8260B				60 8260B		0418 16:22	TT
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				

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0503949

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Blank Analysis for sample(s) 03 (WG199562-6)							
Volatile Organics by MCP 8260B continued				60 8260B		0418 16:22	TT
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.				
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				

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0503949

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Blank Analysis for sample(s) 03 (WG199562-6)							
Volatile Organics by MCP 8260B continued				60 8260B		0418 16:22	TT
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	103.	%	70-130				
Toluene-d8	97.0	%	70-130				
4-Bromofluorobenzene	95.0	%	70-130				
Dibromofluoromethane	96.0	%	70-130				

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: L0503949

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0503949-01A	Vial HCl preserved	A	N/A	2.7 C	Y	Absent	MCP-8260-04
L0503949-01B	Vial HCl preserved	A	N/A	2.7 C	Y	Absent	MCP-8260-04
L0503949-01C	Plastic 250ml HNO3 preserved	A	<2	2.7 C	Y	Absent	MCP-NA-6010S
L0503949-02A	Vial HCl preserved	A	N/A	2.7 C	Y	Absent	MCP-8260-04
L0503949-02B	Vial HCl preserved	A	N/A	2.7 C	Y	Absent	MCP-8260-04
L0503949-02C	Plastic 250ml HNO3 preserved	A	<2	2.7 C	Y	Absent	MCP-NA-6010S
L0503949-03A	Vial HCl preserved	A	N/A	2.7 C	Y	Absent	MCP-8260-04
L0503949-03B	Vial HCl preserved	A	N/A	2.7 C	Y	Absent	MCP-8260-04
L0503949-03C	Plastic 250ml HNO3 preserved	A	<2	2.7 C	Y	Absent	MCP-NA-6010S

Container Comments

Container ID	Comments

CHAIN OF CUSTODY

PAGE _____ OF _____

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

Date Rec'd in Lab: 4/13/05

ALPHA Job #: L0503949

Client Information

Client: ERM NE
Address: 399 Boylston St. 6th floor
Boston, MA 02116
Phone: 617-646-7800
Fax: 617-267-6447
Email: jeremy.picard@erm.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Raytheon GW
Project Location: Wayland
Project #: 28046
Project Manager: J. Picard
ALPHA Quote #:

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 4/20/05 Time:

Report Information - Data Deliverables

☐ FAX ☐ EMAIL
☑ ADEx ☑ Add'l Deliverables

Billing Information

☑ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program: MCP Criteria:

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?

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS: VOC 8021B MTBE; CVOC 8260B; Dis Na (FF)

SAMPLE HANDLING
Filtration
☑ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC	CVOC	Sample Specific Comments	TOTAL # BOTTLES
3949.1	MW-202M-20050412-01	4/12/05	1120	GW	EB	X	X	Field Filtered	3
2	MW-202S-20050412-01	↓	1320	GW	EB	X	X	Field Filtered	3
	~~MW-11~~ 5								
3	DUP-011-20050412-01	4/12/05	2400	GW	EB	X	X	Field Filtered	3

Container Type	2-V	P							
Preservative	B	C							

QUESTIONS ABOVE MUST BE ANSWERED FOR PRESUMPTIVE CERTAINTY

IS YOUR PROJECT MCP ?

Relinquished By:	Date/Time	Received By:	Date/Time
Ezra Benjamin	4/13/05 1910		4/13/05 1830
			4-13-05 1910

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.

FORM NO: 01-01