

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: L0407835
Address: 399 Boylston Street
6th Floor
Boston, MA 02116 Date Received: 19-JUL-2004
Attn: Jeremy Picard Date Reported: 26-JUL-2004
Project Number: 13606 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? 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: Scott McLean
This document electronically signed

ALPHA ANALYTICAL LABORATORIES

Laboratory Job Number: L0407835
Date Reported: 26-JUL-2004

ALPHA SAMPLE NUMBER	CLIENT IDENTIFICATION	SAMPLE LOCATION
L0407835-01	MW-206D	WAYLAND
L0407835-02	MW-206S	WAYLAND
L0407835-03	MW-207S	WAYLAND
L0407835-04	MW-206M	WAYLAND
L0407835-05	MW-262M	WAYLAND
L0407835-06	MW-262D	WAYLAND
L0407835-07	MW-1S	WAYLAND
L0407835-08	MW-1M	WAYLAND
L0407835-09	MW-1D	WAYLAND
L0407835-10	TB1	WAYLAND

ALPHA ANALYTICAL LABORATORIES
NARRATIVE REPORT

Laboratory Job Number: L0407835

MCP Related Narratives

Report Submission

In reference to question F, at the client's request, the samples were analyzed only for the compounds specified on the chain of custody.

In reference to question E, the surrogate % recoveries for 4-Bromofluorobenzene on L0407835-08 and -10 are above the acceptance criteria for the method.

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: L0407835-01
 MW-206D
 Sample Matrix: WATER

Date Collected: 19-JUL-2004 12:02
 Date Received : 19-JUL-2004
 Date Reported : 26-JUL-2004

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	0723 20:25 RY		
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	37.	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	4.1	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: L0407835-01
MW-206D

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by MCP 8260B continued				60 8260B	0723 20:25 RY		
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	106.	%		70-130			
Toluene-d8	98.0	%		70-130			
4-Bromofluorobenzene	121.	%		70-130			
Dibromofluoromethane	102.	%		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: L0407835-02 MW-206S Sample Matrix: WATER	Date Collected: 19-JUL-2004 09:46 Date Received : 19-JUL-2004 Date Reported : 26-JUL-2004
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	0723 21:01	RY
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: L0407835-02
 MW-206S

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by MCP 8260B continued				60 8260B	0723 21:01		RY
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	105.	%		70-130			
Toluene-d8	97.0	%		70-130			
4-Bromofluorobenzene	126.	%		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: L0407835-03
MW-207S
Sample Matrix: WATER

Date Collected: 19-JUL-2004 14:32
Date Received : 19-JUL-2004
Date Reported : 26-JUL-2004

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		0723 21:38	RY
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	3.8	ug/l	0.50				
Chlorobenzene	ND	ug/l	0.50				
1,2-Dichloroethane	ND	ug/l	0.50				
1,1,1-Trichloroethane	4.0	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	0.55	ug/l	0.50				
trans-1,2-Dichloroethene	ND	ug/l	0.75				
Trichloroethene	28.	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	1.1	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: L0407835-03
 MW-207S

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by MCP 8260B continued				60 8260B	0723 21:38		RY
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	109.	%		70-130			
Toluene-d8	99.0	%		70-130			
4-Bromofluorobenzene	123.	%		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: L0407835-04 Date Collected: 19-JUL-2004 13:24
 MW-206M Date Received : 19-JUL-2004
 Sample Matrix: WATER Date Reported : 26-JUL-2004

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		0724 13:44	RY
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	2.7	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				
Chloromethane	ND	ug/l	2.5				
Vinyl chloride	ND	ug/l	1.0				
Chloroethane	ND	ug/l	1.0				
1,1-Dichloroethene	2.9	ug/l	0.50				
trans-1,2-Dichloroethene	ND	ug/l	0.75				
Trichloroethene	17.	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				
cis-1,2-Dichloroethene	0.64	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: L0407835-04
MW-206M

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by MCP 8260B continued				60 8260B	0724 13:44		RY
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	98.0	%		70-130			
Toluene-d8	101.	%		70-130			
4-Bromofluorobenzene	122.	%		70-130			
Dibromofluoromethane	99.0	%		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:	L0407835-05	Date Collected:	19-JUL-2004 15:30
	MW-262M	Date Received :	19-JUL-2004
Sample Matrix:	WATER	Date Reported :	26-JUL-2004
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	0724 14:20	RY
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			
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			
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: L0407835-05
MW-262M

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by MCP 8260B continued				60 8260B	0724 14:20		RY
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	103.	%		70-130			
Toluene-d8	99.0	%		70-130			
4-Bromofluorobenzene	128.	%		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: L0407835-06

Date Collected: 19-JUL-2004 14:35

MW-262D

Date Received : 19-JUL-2004

Sample Matrix: WATER

Date Reported : 26-JUL-2004

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		0724 14:56 RY	
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				
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				
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: L0407835-06
 MW-262D

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by MCP 8260B continued				60 8260B	0724 14:56 RY		
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	104.	%		70-130			
Toluene-d8	101.	%		70-130			
4-Bromofluorobenzene	124.	%		70-130			
Dibromofluoromethane	101.	%		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: L0407835-07
MW-1S
Sample Matrix: WATER

Date Collected: 19-JUL-2004 13:00
Date Received : 19-JUL-2004
Date Reported : 26-JUL-2004

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	0724 15:31		RY
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				
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				
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: L0407835-07
 MW-1S

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by MCP 8260B continued				60 8260B	0724 15:31		RY
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	105.	%		70-130			
Toluene-d8	101.	%		70-130			
4-Bromofluorobenzene	129.	%		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: L0407835-08	Date Collected: 19-JUL-2004 12:40
MW-1M	Date Received : 19-JUL-2004
Sample Matrix: WATER	Date Reported : 26-JUL-2004
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	0724 16:07 RY	
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			
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			
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: L0407835-08
 MW-1M

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by MCP 8260B continued				60 8260B	0724 16:07		RY
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	106.	%		70-130			
Toluene-d8	100.	%		70-130			
4-Bromofluorobenzene	132.	%		70-130			
Dibromofluoromethane	101.	%		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: L0407835-09
MW-1D
Sample Matrix: WATER

Date Collected: 19-JUL-2004 11:55
Date Received : 19-JUL-2004
Date Reported : 26-JUL-2004

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		0725 16:17 RY	
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				
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				
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: L0407835-09
MW-1D

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by MCP 8260B continued				60 8260B	0725 16:17		RY
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	105.	%		70-130			
Toluene-d8	99.0	%		70-130			
4-Bromofluorobenzene	121.	%		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: L0407835-10	Date Collected: 14-JUL-2004 16:40
Sample Matrix: TBI	Date Received : 19-JUL-2004
Sample Matrix: WATER	Date Reported : 26-JUL-2004
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	0724 17:19 RY	
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			
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			
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: L0407835-10
 TBl

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by MCP 8260B continued				60 8260B	0724 17:19 RY		
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	103.	%		70-130			
Toluene-d8	101.	%		70-130			
4-Bromofluorobenzene	135.	%		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: L0407835

Parameter	LCS %	LCSD %	RPD	RPD Limit	QC Limits
Volatile Organics by MCP 8260B for sample(s) 01-03 (WG176537-1, WG176537)					
Methylene chloride	102	99	3	25	70-130
1,1-Dichloroethane	94	92	2	25	70-130
Chloroform	112	105	6	25	70-130
Carbon tetrachloride	110	105	5	25	70-130
1,2-Dichloropropane	105	100	5	25	70-130
Dibromochloromethane	108	100	8	25	70-130
1,1,2-Trichloroethane	110	103	7	25	70-130
Tetrachloroethene	112	106	6	25	70-130
Chlorobenzene	112	102	9	25	70-130
Trichlorofluoromethane	101	96	5	25	70-130
1,2-Dichloroethane	108	105	3	25	70-130
1,1,1-Trichloroethane	113	110	3	25	70-130
Bromodichloromethane	110	106	4	25	70-130
trans-1,3-Dichloropropene	105	96	9	25	70-130
cis-1,3-Dichloropropene	104	99	5	25	70-130
1,1-Dichloropropene	100	97	3	25	70-130
Bromoform	120	111	8	50	70-130
1,1,2,2-Tetrachloroethane	110	98	12	25	70-130
Benzene	105	100	5	25	70-130
Toluene	110	101	9	25	70-130
Ethylbenzene	113	103	9	25	70-130
Chloromethane	103	97	6	50	70-130
Bromomethane	80	80	0	50	70-130
Vinyl chloride	101	93	8	25	70-130
Chloroethane	90	86	5	25	70-130
1,1-Dichloroethene	92	86	7	25	70-130
trans-1,2-Dichloroethene	102	94	8	25	70-130
Trichloroethene	104	99	5	25	70-130
1,2-Dichlorobenzene	111	101	9	25	70-130
1,3-Dichlorobenzene	114	102	11	25	70-130
1,4-Dichlorobenzene	111	102	8	25	70-130
Methyl tert butyl ether	94	94	0	25	70-130
p/m-Xylene	112	104	7	25	70-130
o-Xylene	111	100	10	25	70-130
cis-1,2-Dichloroethene	103	99	4	25	70-130
Dibromomethane	113	107	5	25	70-130
1,2,3-Trichloropropane	105	99	6	25	70-130
Styrene	114	103	10	25	70-130
Dichlorodifluoromethane	119	108	10	50	70-130
Acetone	117	115	2	50	70-130
Carbon disulfide	98	91	7	25	70-130
2-Butanone	118	111	6	50	70-130
4-Methyl-2-pentanone	106	102	4	50	70-130
2-Hexanone	116	105	10	50	70-130
Bromochloromethane	120	109	10	25	70-130
Tetrahydrofuran	103	89	15	25	70-130
2,2-Dichloropropane	114	111	3	25	70-130
1,2-Dibromoethane	108	99	9	25	70-130

ALPHA ANALYTICAL LABORATORIES
 QUALITY ASSURANCE BATCH LCS/LCSD ANALYSIS

Laboratory Job Number: L0407835

Continued

Parameter	LCS %	LCSD %	RPD	RPD Limit	QC Limits
Volatile Organics by MCP 8260B for sample(s) 01-03 (WG176537-1, WG176537)					
1,3-Dichloropropane	108	100	8	25	70-130
1,1,1,2-Tetrachloroethane	113	103	9	25	70-130
Bromobenzene	108	101	7	25	70-130
n-Butylbenzene	107	100	7	25	70-130
sec-Butylbenzene	114	105	8	25	70-130
tert-Butylbenzene	112	104	7	25	70-130
o-Chlorotoluene	114	104	9	25	70-130
p-Chlorotoluene	114	106	7	25	70-130
1,2-Dibromo-3-chloropropane	108	93	15	50	70-130
Hexachlorobutadiene	111	108	3	25	70-130
Isopropylbenzene	113	106	6	25	70-130
p-Isopropyltoluene	112	100	11	25	70-130
Naphthalene	106	98	8	25	70-130
n-Propylbenzene	114	108	5	25	70-130
1,2,3-Trichlorobenzene	107	102	5	25	70-130
1,2,4-Trichlorobenzene	108	101	7	25	70-130
1,3,5-Trimethylbenzene	110	100	10	25	70-130
1,2,4-Trimethylbenzene	112	101	10	25	70-130
Ethyl ether	86	86	0	25	70-130
Isopropyl Ether	76	78	3	25	70-130
Ethyl-Tert-Butyl-Ether	75	75	0	25	70-130
Tertiary-Amyl Methyl Ether	77	78	1	25	70-130
1,4-Dioxane	86	88	2	50	70-130
Surrogate(s)					
1,2-Dichloroethane-d4	103	103	0		70-130
Toluene-d8	103	101	2		70-130
4-Bromofluorobenzene	99	99	0		70-130
Dibromofluoromethane	104	101	3		70-130
Volatile Organics by MCP 8260B for sample(s) 01-03 (WG176537-4, WG176537)					
Methylene chloride	94	95	1	25	70-130
1,1-Dichloroethane	88	92	4	25	70-130
Chloroform	104	102	2	25	70-130
Carbon tetrachloride	101	97	4	25	70-130
1,2-Dichloropropane	95	94	1	25	70-130
Dibromochloromethane	92	90	2	25	70-130
1,1,2-Trichloroethane	98	98	0	25	70-130
Tetrachloroethene	102	99	3	25	70-130
Chlorobenzene	99	97	2	25	70-130
Trichlorofluoromethane	92	88	4	25	70-130
1,2-Dichloroethane	100	98	2	25	70-130
1,1,1-Trichloroethane	104	100	4	25	70-130
Bromodichloromethane	103	99	4	25	70-130
trans-1,3-Dichloropropene	93	91	2	25	70-130
cis-1,3-Dichloropropene	96	92	4	25	70-130
1,1-Dichloropropene	93	90	3	25	70-130

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH LCS/LCSD ANALYSIS

Laboratory Job Number: L0407835

Continued

Parameter	LCS %	LCSD %	RPD	RPD Limit	QC Limits
Volatile Organics by MCP 8260B for sample(s) 01-03 (WG176537-4, WG176537)					
Bromoform	100	102	2	50	70-130
1,1,2,2-Tetrachloroethane	92	96	4	25	70-130
Benzene	98	96	2	25	70-130
Toluene	98	94	4	25	70-130
Ethylbenzene	101	98	3	25	70-130
Chloromethane	92	91	1	50	70-130
Bromomethane	76	77	1	50	70-130
Vinyl chloride	91	89	2	25	70-130
Chloroethane	80	79	1	25	70-130
1,1-Dichloroethene	84	83	1	25	70-130
trans-1,2-Dichloroethene	93	91	2	25	70-130
Trichloroethene	99	94	5	25	70-130
1,2-Dichlorobenzene	96	97	1	25	70-130
1,3-Dichlorobenzene	99	99	0	25	70-130
1,4-Dichlorobenzene	99	97	2	25	70-130
Methyl tert butyl ether	92	93	1	25	70-130
p/m-Xylene	101	97	4	25	70-130
o-Xylene	97	94	3	25	70-130
cis-1,2-Dichloroethene	96	95	1	25	70-130
Dibromomethane	101	99	2	25	70-130
1,2,3-Trichloropropane	94	93	1	25	70-130
Styrene	99	96	3	25	70-130
Dichlorodifluoromethane	101	99	2	50	70-130
Acetone	92	96	4	50	70-130
Carbon disulfide	90	85	6	25	70-130
2-Butanone	103	105	2	50	70-130
4-Methyl-2-pentanone	92	98	6	50	70-130
2-Hexanone	90	90	0	50	70-130
Bromochloromethane	102	103	1	25	70-130
Tetrahydrofuran	93	86	8	25	70-130
2,2-Dichloropropane	104	103	1	25	70-130
1,2-Dibromoethane	94	95	1	25	70-130
1,3-Dichloropropane	92	95	3	25	70-130
1,1,1,2-Tetrachloroethane	101	98	3	25	70-130
Bromobenzene	94	97	3	25	70-130
n-Butylbenzene	96	96	0	25	70-130
sec-Butylbenzene	100	98	2	25	70-130
tert-Butylbenzene	99	98	1	25	70-130
o-Chlorotoluene	101	99	2	25	70-130
p-Chlorotoluene	97	97	0	25	70-130
1,2-Dibromo-3-chloropropane	90	86	5	50	70-130
Hexachlorobutadiene	105	100	5	25	70-130
Isopropylbenzene	102	99	3	25	70-130
p-Isopropyltoluene	96	93	3	25	70-130
Naphthalene	94	100	6	25	70-130
n-Propylbenzene	102	99	3	25	70-130
1,2,3-Trichlorobenzene	98	104	6	25	70-130

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH LCS/LCSD ANALYSIS

Laboratory Job Number: L0407835

Continued

Parameter	LCS %	LCSD %	RPD	RPD Limit	QC Limits
Volatile Organics by MCP 8260B for sample(s) 01-03 (WG176537-4, WG176537)					
1,2,4-Trichlorobenzene	100	102	2	25	70-130
1,3,5-Trimethylbenzene	96	93	3	25	70-130
1,2,4-Trimethylbenzene	97	97	0	25	70-130
Ethyl ether	78	82	5	25	70-130
Isopropyl Ether	89	90	1	25	70-130
Ethyl-Tert-Butyl-Ether	87	86	1	25	70-130
Tertiary-Amyl Methyl Ether	87	89	2	25	70-130
1,4-Dioxane	89	89	0	50	70-130
Surrogate(s)					
1,2-Dichloroethane-d4	102	97	5		70-130
Toluene-d8	102	99	3		70-130
4-Bromofluorobenzene	99	100	1		70-130
Dibromofluoromethane	99	101	2		70-130
Volatile Organics by MCP 8260B for sample(s) 04-08,10 (WG176597-1, WG176597)					
Methylene chloride	93	90	3	25	70-130
1,1-Dichloroethane	84	84	0	25	70-130
Chloroform	102	96	6	25	70-130
Carbon tetrachloride	101	92	9	25	70-130
1,2-Dichloropropane	94	90	4	25	70-130
Dibromochloromethane	98	97	1	25	70-130
1,1,2-Trichloroethane	98	100	2	25	70-130
Tetrachloroethene	100	96	4	25	70-130
Chlorobenzene	100	94	6	25	70-130
1,2-Dichloroethane	98	93	5	25	70-130
1,1,1-Trichloroethane	104	93	11	25	70-130
Bromodichloromethane	102	93	9	25	70-130
trans-1,3-Dichloropropene	96	95	1	25	70-130
cis-1,3-Dichloropropene	95	91	4	25	70-130
Bromoform	106	105	1	50	70-130
1,1,2,2-Tetrachloroethane	99	96	3	25	70-130
Benzene	97	88	10	25	70-130
Chloromethane	92	83	10	50	70-130
Vinyl chloride	89	82	8	25	70-130
Chloroethane	78	75	4	25	70-130
1,1-Dichloroethene	82	78	5	25	70-130
trans-1,2-Dichloroethene	91	86	6	25	70-130
Trichloroethene	96	87	10	25	70-130
1,2-Dichlorobenzene	98	95	3	25	70-130
1,3-Dichlorobenzene	103	95	8	25	70-130
1,4-Dichlorobenzene	101	93	8	25	70-130
Methyl tert butyl ether	94	94	0	25	70-130
cis-1,2-Dichloroethene	92	88	4	25	70-130
Dichlorodifluoromethane	102	94	8	50	70-130
1,2-Dibromoethane	96	97	1	25	70-130
1,3-Dichloropropane	96	95	1	25	70-130

ALPHA ANALYTICAL LABORATORIES
 QUALITY ASSURANCE BATCH LCS/LCSD ANALYSIS

Laboratory Job Number: L0407835

Continued

Parameter	LCS %	LCSD %	RPD	RPD Limit	QC Limits
Volatile Organics by MCP 8260B for sample(s) 04-08,10 (WG176597-1, WG176597)					
1,1,1,2-Tetrachloroethane	99	100	1	25	70-130
o-Chlorotoluene	102	96	6	25	70-130
p-Chlorotoluene	104	95	9	25	70-130
Hexachlorobutadiene	102	98	4	25	70-130
1,2,4-Trichlorobenzene	100	102	2	25	70-130
Surrogate(s)					
1,2-Dichloroethane-d4	103	100	3		70-130
Toluene-d8	102	102	0		70-130
4-Bromofluorobenzene	98	98	0		70-130
Dibromofluoromethane	100	97	3		70-130
Volatile Organics by MCP 8260B for sample(s) 09 (WG176603-1, WG176603)					
Methylene chloride	92	88	4	25	70-130
1,1-Dichloroethane	87	83	5	25	70-130
Chloroform	103	97	6	25	70-130
Carbon tetrachloride	102	91	11	25	70-130
1,2-Dichloropropane	98	91	7	25	70-130
Dibromochloromethane	105	95	10	25	70-130
1,1,2-Trichloroethane	104	98	6	25	70-130
Tetrachloroethene	107	92	15	25	70-130
Chlorobenzene	106	94	12	25	70-130
Trichlorofluoromethane	91	80	13	25	70-130
1,2-Dichloroethane	100	94	6	25	70-130
1,1,1-Trichloroethane	103	93	10	25	70-130
Bromodichloromethane	108	99	9	25	70-130
trans-1,3-Dichloropropene	101	95	6	25	70-130
cis-1,3-Dichloropropene	100	93	7	25	70-130
1,1-Dichloropropene	91	85	7	25	70-130
Bromoform	118	105	12	50	70-130
1,1,2,2-Tetrachloroethane	103	98	5	25	70-130
Benzene	97	89	9	25	70-130
Toluene	100	91	9	25	70-130
Ethylbenzene	103	94	9	25	70-130
Chloromethane	86	82	5	50	70-130
Bromomethane	70	71	1	50	70-130
Vinyl chloride	88	78	12	25	70-130
Chloroethane	77	73	5	25	70-130
1,1-Dichloroethene	84	76	10	25	70-130
trans-1,2-Dichloroethene	89	81	9	25	70-130
Trichloroethene	97	88	10	25	70-130
1,2-Dichlorobenzene	105	92	13	25	70-130
1,3-Dichlorobenzene	108	97	11	25	70-130
1,4-Dichlorobenzene	105	94	11	25	70-130
Methyl tert butyl ether	91	88	3	25	70-130
p/m-Xylene	108	94	14	25	70-130
o-Xylene	102	92	10	25	70-130

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH LCS/LCSD ANALYSIS

Laboratory Job Number: L0407835

Continued

Parameter	LCS %	LCSD %	RPD	RPD Limit	QC Limits
Volatile Organics by MCP 8260B for sample(s) 09 (WG176603-1, WG176603)					
cis-1,2-Dichloroethene	96	88	9	25	70-130
Dibromomethane	104	99	5	25	70-130
1,2,3-Trichloropropane	104	97	7	25	70-130
Styrene	103	93	10	25	70-130
Dichlorodifluoromethane	97	85	13	50	70-130
Acetone	97	91	6	50	70-130
Carbon disulfide	87	78	11	25	70-130
2-Butanone	102	104	2	50	70-130
4-Methyl-2-pentanone	101	101	0	50	70-130
2-Hexanone	100	96	4	50	70-130
Bromochloromethane	105	97	8	25	70-130
Tetrahydrofuran	86	83	4	25	70-130
2,2-Dichloropropane	104	94	10	25	70-130
1,2-Dibromoethane	103	97	6	25	70-130
1,3-Dichloropropane	100	95	5	25	70-130
1,1,1,2-Tetrachloroethane	107	98	9	25	70-130
Bromobenzene	104	92	12	25	70-130
n-Butylbenzene	103	89	15	25	70-130
sec-Butylbenzene	106	90	16	25	70-130
tert-Butylbenzene	104	93	11	25	70-130
o-Chlorotoluene	107	93	14	25	70-130
p-Chlorotoluene	107	94	13	25	70-130
1,2-Dibromo-3-chloropropane	105	98	7	50	70-130
Hexachlorobutadiene	102	92	10	25	70-130
Isopropylbenzene	108	94	14	25	70-130
p-Isopropyltoluene	102	88	15	25	70-130
Naphthalene	99	97	2	25	70-130
n-Propylbenzene	109	93	16	25	70-130
1,2,3-Trichlorobenzene	102	101	1	25	70-130
1,2,4-Trichlorobenzene	103	98	5	25	70-130
1,3,5-Trimethylbenzene	105	90	15	25	70-130
1,2,4-Trimethylbenzene	104	92	12	25	70-130
Ethyl ether	80	75	6	25	70-130
Isopropyl Ether	90	86	5	25	70-130
Ethyl-Tert-Butyl-Ether	90	85	6	25	70-130
Tertiary-Amyl Methyl Ether	90	88	2	25	70-130
1,4-Dioxane	96	94	2	50	70-130
Surrogate(s)					
1,2-Dichloroethane-d4	102	102	0		70-130
Toluene-d8	100	98	2		70-130
4-Bromofluorobenzene	97	101	4		70-130
Dibromofluoromethane	101	99	2		70-130

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0407835

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 01-03 (WG176537-6)							
Volatile Organics by MCP 8260B				60 8260B	0723 16:48 RY		
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.				
2,2-Dichloropropane	ND	ug/l	2.5				

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0407835

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 01-03 (WG176537-6)							
Volatile Organics by MCP 8260B continued				60 8260B	0723 16:48 RY		
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	101.	%	70-130				
4-Bromofluorobenzene	122.	%	70-130				
Dibromofluoromethane	103.	%	70-130				
Blank Analysis for sample(s) 04-08,10 (WG176597-3)							
Volatile Organics by MCP 8260B				60 8260B	0724 12:42 RY		
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				

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0407835

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 04-08,10 (WG176597-3)							
Volatile Organics by MCP 8260B continued				60 8260B		0724 12:42 RY	
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				
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	103.	%	70-130				
Toluene-d8	102.	%	70-130				
4-Bromofluorobenzene	117.	%	70-130				
Dibromofluoromethane	101.	%	70-130				
Blank Analysis for sample(s) 09 (WG176603-3)							
Volatile Organics by MCP 8260B				60 8260B		0725 10:27 RY	
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				

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0407835

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 09 (WG176603-3)							
Volatile Organics by MCP 8260B continued				60 8260B		0725 10:27	RY
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				
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				

ALPHA ANALYTICAL LABORATORIES
 QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0407835

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 09 (WG176603-3)							
Volatile Organics by MCP 8260B continued				60 8260B		0725 10:27	RY
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	102.	%		70-130			
4-Bromofluorobenzene	120.	%		70-130			
Dibromofluoromethane	102.	%		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.

Please note that all solid samples are reported on dry weight basis unless noted otherwise.

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: L0407835

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
L0407835-01A	Vial HCl preserved	A	N/A	2.2 C	Y	Absent	MCP-8260-04
L0407835-01B	Vial HCl preserved	A	N/A	2.2 C	Y	Absent	MCP-8260-04
L0407835-02A	Vial HCl preserved	A	N/A	2.2 C	Y	Absent	MCP-8260-04
L0407835-02B	Vial HCl preserved	A	N/A	2.2 C	Y	Absent	MCP-8260-04
L0407835-03A	Vial HCl preserved	A	N/A	2.2 C	Y	Absent	MCP-8260-04
L0407835-03B	Vial HCl preserved	A	N/A	2.2 C	Y	Absent	MCP-8260-04
L0407835-04A	Vial HCl preserved	A	N/A	2.2 C	Y	Absent	MCP-8260-04
L0407835-04B	Vial HCl preserved	A	N/A	2.2 C	Y	Absent	MCP-8260-04
L0407835-05A	Vial HCl preserved	A	N/A	2.2 C	Y	Absent	MCP-8260-04
L0407835-05B	Vial HCl preserved	A	N/A	2.2 C	Y	Absent	MCP-8260-04
L0407835-06A	Vial HCl preserved	A	N/A	2.2 C	Y	Absent	MCP-8260-04
L0407835-06B	Vial HCl preserved	A	N/A	2.2 C	Y	Absent	MCP-8260-04
L0407835-07A	Vial HCl preserved	A	N/A	2.2 C	Y	Absent	MCP-8260-04
L0407835-07B	Vial HCl preserved	A	N/A	2.2 C	Y	Absent	MCP-8260-04
L0407835-08A	Vial HCl preserved	A	N/A	2.2 C	Y	Absent	MCP-8260-04
L0407835-08B	Vial HCl preserved	A	N/A	2.2 C	Y	Absent	MCP-8260-04
L0407835-09A	Vial HCl preserved	A	N/A	2.2 C	Y	Absent	MCP-8260-04
L0407835-09B	Vial HCl preserved	A	N/A	2.2 C	Y	Absent	MCP-8260-04
L0407835-10A	Vial HCl preserved	A	N/A	2.2 C	Y	Absent	MCP-8260-04
L0407835-10B	Vial HCl preserved	A	N/A	2.2 C	Y	Absent	MCP-8260-04

Container Comments

Container ID Comments



CHAIN OF CUSTODY

PAGE ____ OF ____

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

Client Information

Client: ERM

Address: 399 Bayliff St.

BOSTON MA

Phone: 617-644-7800

Fax: 617-267-6447

Email: _____

Project Information

Project Name: Rayburn Wayland

Project Location: Wayland

Project #: 13006

Project Manager: _____

ALPHA Quote #: _____

Turn-Around Time

Standard RUSH (only confirmed if pre-approved)

Date Due: 7/26

Time: _____

Other Project Specific Requirements/Comments/Detection Limits:

Date Recd in Lab: 7/19

Report Information - Data Deliverables

FAX EMAIL

INDEX Add'l Deliverables

Regulatory Requirements/Report Limits

State/Fed Program _____ 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?

ANALYSIS

8021, MTBE-160216
8021 B

SAMPLE HANDLING

Filtration Done Not needed

Lab to do Preservation Lab to do

(Please specify below)

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Time	Sample Matrix	Sampler's Initials	Container Type Preservative	Relinquished By	Date/Time	Received By	Date/Time
28351	MW-0-D	7/19/04	6:12:03	GW	UK	V B	<u>[Signature]</u>	7/19/04	<u>[Signature]</u>	7/19/04
2	MW-206S	7/19/04	9:46	GW	UK	V B	<u>[Signature]</u>	7/19/04	<u>[Signature]</u>	7/19/04
3	MW-207MS	7/19/04	14:32	GW	UK	V B	<u>[Signature]</u>	7/19/04	<u>[Signature]</u>	7/19/04
4	MW-206M	7/19/04	13:24	GW	UK	V B	<u>[Signature]</u>	7/19/04	<u>[Signature]</u>	7/19/04
5	MW-262M	7/19/04	15:30	GW	EM	V B	<u>[Signature]</u>	7/19/04	<u>[Signature]</u>	7/19/04
6	MW-262D	7/19/04	14:35	GW	EM	V B	<u>[Signature]</u>	7/19/04	<u>[Signature]</u>	7/19/04
7	MW-1B	7/19/04	13:00	GW	EM	V B	<u>[Signature]</u>	7/19/04	<u>[Signature]</u>	7/19/04
8	MW-1M	7/19/04	12:40	GW	EM	V B	<u>[Signature]</u>	7/19/04	<u>[Signature]</u>	7/19/04
9	MW-1D	7/19/04	11:55	GW	EM	V B	<u>[Signature]</u>	7/19/04	<u>[Signature]</u>	7/19/04
10	TR-1	7/19/04	16:40	GW	JM	V B	<u>[Signature]</u>	7/19/04	<u>[Signature]</u>	7/19/04

QUESTIONS ABOVE MUST BE ANSWERED FOR PRESUMPTIVE CERTAINTY

IS YOUR PROJECT MCP?

Relinquished By: [Signature]

Date/Time: 7/19/04 16:00

Received By: [Signature]

Date/Time: 7/19/04 16:00

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.