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: L0504028

Date Received: 14-APR-2005

Date Reported: 21-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?	YES
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: James Todaro
This document electronically signed

Laboratory Job Number: L0504028
Date Reported: 21-APR-2005

ALPHA SAMPLE NUMBER	CLIENT IDENTIFICATION	SAMPLE LOCATION
L0504028-01	MW-201S-20050413-01	WAYLAND, MA
L0504028-02	MW-201D-20050413-01	WAYLAND, MA
L0504028-03	MW-201M-20050413-01	WAYLAND, MA
L0504028-04	MW-103-20050413-01	WAYLAND, MA
L0504028-05	MW-213-20050413-01	WAYLAND, MA
L0504028-06	MW-104-20050413-01	WAYLAND, MA
L0504028-07	MW-106-20050413-01	WAYLAND, MA
L0504028-08	MW-105-20050413-01	WAYLAND, MA
L0504028-09	MW-209-20050413-01	WAYLAND, MA
L0504028-10	DUP-006-20050413-01	WAYLAND, MA
L0504028-11	MW-204M-20050413-01	WAYLAND, MA

ALPHA ANALYTICAL LABORATORIES
NARRATIVE REPORT

Laboratory Job Number: L0504028

Report Submission

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

Metals

L0504028-02 through -04 were re-analyzed on 10x dilution for Na 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.

Volatile Organics

The following have elevated limits of detection due to the dilutions required by the elevated concentrations of target compounds in the samples:

L0504028-03 (4X)

L0504028-11 (5X)

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: L0504028-01
MW-201S-20050413-01
Sample Matrix: WATER

Date Collected: 13-APR-2005 08:20
Date Received : 14-APR-2005
Date Reported : 21-APR-2005

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-Vial

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by MCP 8260B				60 8260B		0419 18:38	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	1.0	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	7.4	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				
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

Laboratory Sample Number: L0504028-01
MW-201S-20050413-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by MCP 8260B continued				60 8260B		0419 18:38	RY
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	108.	%	70-130				
Toluene-d8	97.0	%	70-130				
4-Bromofluorobenzene	102.	%	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: L0504028-02
MW-201D-20050413-01
Sample Matrix: WATER

Date Collected: 13-APR-2005 09:40
Date Received : 14-APR-2005
Date Reported : 21-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	0419 13:35	0420 14:53	MG
Sodium, Dissolved	180	mg/l	20.	60 6010B	0419 13:35	0421 08:48	RW
Volatile Organics by MCP 8260B				60 8260B		0419 19:14	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	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				
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				

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

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0504028-02
MW-201D-20050413-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by MCP 8260B continued				60 8260B		0419 19:14	RY
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	108.	%	70-130				
Toluene-d8	96.0	%	70-130				
4-Bromofluorobenzene	102.	%	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: L0504028-03
MW-201M-20050413-01
Sample Matrix: WATER

Date Collected: 13-APR-2005 11:05
Date Received : 14-APR-2005
Date Reported : 21-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	0419 13:35	0420 14:56	MG
Sodium, Dissolved	110	mg/l	20.	60 6010B	0419 13:35	0421 08:51	RW
Volatile Organics by MCP 8260B				60 8260B		0420 21:40	RY
Methylene chloride	ND	ug/l	20.				
1,1-Dichloroethane	ND	ug/l	3.0				
Chloroform	ND	ug/l	3.0				
Carbon tetrachloride	ND	ug/l	2.0				
1,2-Dichloropropane	ND	ug/l	7.0				
Dibromochloromethane	ND	ug/l	2.0				
1,1,2-Trichloroethane	ND	ug/l	3.0				
Tetrachloroethene	ND	ug/l	2.0				
Chlorobenzene	ND	ug/l	2.0				
1,2-Dichloroethane	ND	ug/l	2.0				
1,1,1-Trichloroethane	ND	ug/l	2.0				
Bromodichloromethane	ND	ug/l	2.0				
trans-1,3-Dichloropropene	ND	ug/l	2.0				
cis-1,3-Dichloropropene	ND	ug/l	2.0				
Bromoform	ND	ug/l	8.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	2.0				
Chloromethane	ND	ug/l	10.				
Vinyl chloride	ND	ug/l	4.0				
Chloroethane	ND	ug/l	4.0				
1,1-Dichloroethene	ND	ug/l	2.0				
trans-1,2-Dichloroethene	ND	ug/l	3.0				
Trichloroethene	100	ug/l	2.0				
1,2-Dichlorobenzene	ND	ug/l	10.				
1,3-Dichlorobenzene	ND	ug/l	10.				
1,4-Dichlorobenzene	ND	ug/l	10.				
cis-1,2-Dichloroethene	6.9	ug/l	2.0				
Dichlorodifluoromethane	ND	ug/l	20.				
1,2-Dibromoethane	ND	ug/l	8.0				
1,3-Dichloropropane	ND	ug/l	10.				
1,1,1,2-Tetrachloroethane	ND	ug/l	2.0				
o-Chlorotoluene	ND	ug/l	10.				
p-Chlorotoluene	ND	ug/l	10.				
Hexachlorobutadiene	ND	ug/l	4.0				

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

Laboratory Sample Number: L0504028-03
MW-201M-20050413-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by MCP 8260B continued				60 8260B		0420 21:40	RY
1,2,4-Trichlorobenzene	ND	ug/l	10.				
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	106.	%	70-130				
Toluene-d8	97.0	%	70-130				
4-Bromofluorobenzene	100.	%	70-130				
Dibromofluoromethane	105.	%	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: L0504028-04
MW-103-20050413-01
Sample Matrix: WATER

Date Collected: 13-APR-2005 12:16
Date Received : 14-APR-2005
Date Reported : 21-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	0419 13:35	0420 14:58	MG
Sodium, Dissolved	240	mg/l	20.	60 6010B	0419 13:35	0421 08:53	RW
Volatile Organics by MCP 8260B				60 8260B		0420 11:18	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	1.0	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				

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

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0504028-04
MW-103-20050413-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by MCP 8260B continued				60 8260B		0420 11:18	RY
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	102.	%	70-130				
Toluene-d8	96.0	%	70-130				
4-Bromofluorobenzene	100.	%	70-130				
Dibromofluoromethane	97.0	%	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: L0504028-05
MW-213-20050413-01
Sample Matrix: WATER

Date Collected: 13-APR-2005 13:10
Date Received : 14-APR-2005
Date Reported : 21-APR-2005

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-Vial

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by MCP 8260B				60 8260B		0420 11:56	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	0.51	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	1.8	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

Laboratory Sample Number: L0504028-05
MW-213-20050413-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by MCP 8260B continued				60 8260B		0420 11:56	RY
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	104.	%	70-130				
Toluene-d8	99.0	%	70-130				
4-Bromofluorobenzene	105.	%	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: L0504028-06
MW-104-20050413-01
Sample Matrix: WATER

Date Collected: 13-APR-2005 14:00
Date Received : 14-APR-2005
Date Reported : 21-APR-2005

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-Vial

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by MCP 8260B				60 8260B		0420 21:04	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	1.3	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	15.	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

Laboratory Sample Number: L0504028-06
MW-104-20050413-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by MCP 8260B continued				60 8260B		0420 21:04	RY
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	109.	%	70-130				
Toluene-d8	94.0	%	70-130				
4-Bromofluorobenzene	106.	%	70-130				
Dibromofluoromethane	104.	%	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: L0504028-07
MW-106-20050413-01
Sample Matrix: WATER

Date Collected: 13-APR-2005 14:45
Date Received : 14-APR-2005
Date Reported : 21-APR-2005

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-Vial

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by MCP 8260B				60 8260B		0420 13:14	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	3.5	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	36.	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: L0504028-07
MW-106-20050413-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by MCP 8260B continued				60 8260B		0420 13:14	RY
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	105.	%	70-130				
Toluene-d8	97.0	%	70-130				
4-Bromofluorobenzene	106.	%	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: L0504028-08
MW-105-20050413-01
Sample Matrix: WATER

Date Collected: 13-APR-2005 16:47
Date Received : 14-APR-2005
Date Reported : 21-APR-2005

Condition of Sample: Satisfactory
Field Prep: None

Number & Type of Containers: 2-Vial

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by MCP 8260B				60 8260B		0420 13:53	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

Laboratory Sample Number: L0504028-08
MW-105-20050413-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by MCP 8260B continued				60 8260B		0420 13:53	RV
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	107.	%	70-130				
Toluene-d8	96.0	%	70-130				
4-Bromofluorobenzene	106.	%	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: L0504028-09
MW-209-20050413-01
Sample Matrix: WATER

Date Collected: 13-APR-2005 17:00
Date Received : 14-APR-2005
Date Reported : 21-APR-2005

Condition of Sample: Satisfactory

Field Prep: Field filtered

Number & Type of Containers: 3-Plastic,6-Vial

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Dissolved Metals by MCP 6000/7000 series				60 6010B			
Sodium, Dissolved	53.	mg/l	2.0	60 6010B	0419 13:35	0420 15:25	MG
Volatile Organics by MCP 8260B				60 8260B		0420 11:02	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	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	1.7	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

Laboratory Sample Number: L0504028-09
MW-209-20050413-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by MCP 8260B continued				60 8260B		0420 11:02	TT
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	107.	%	70-130				
Toluene-d8	99.0	%	70-130				
4-Bromofluorobenzene	95.0	%	70-130				
Dibromofluoromethane	98.0	%	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: L0504028-10
DUP-006-20050413-01
Sample Matrix: WATER

Date Collected: 13-APR-2005 17:00
Date Received : 14-APR-2005
Date Reported : 21-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	52.	mg/l	2.0	60 6010B	0419 13:35	0420 15:37	MG
Volatile Organics by MCP 8260B				60 8260B		0420 14:33	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	1.5	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

Laboratory Sample Number: L0504028-10
DUP-006-20050413-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by MCP 8260B continued				60 8260B		0420 14:33	RY
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	108.	%	70-130				
Toluene-d8	95.0	%	70-130				
4-Bromofluorobenzene	106.	%	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: L0504028-11
MW-204M-20050413-01
Sample Matrix: WATER

Date Collected: 13-APR-2005 09:15
Date Received : 14-APR-2005
Date Reported : 21-APR-2005

Condition of Sample: Satisfactory

Field Prep: Field filtered

Number & Type of Containers: 2-Plastic,4-Vial

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Dissolved Metals by MCP 6000/7000 series				60 6010B			
Sodium, Dissolved	31.	mg/l	2.0	60 6010B	0419 13:35	0420 15:39	MG
Volatile Organics by MCP 8260B				60 8260B		0420 11:44	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	30.	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	5.7	ug/l	2.5				
trans-1,2-Dichloroethene	ND	ug/l	3.8				
Trichloroethene	160	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	84.	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: L0504028-11
MW-204M-20050413-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by MCP 8260B continued				60 8260B		0420 11:44	TT
Hexachlorobutadiene	ND	ug/l	5.0				
1,2,4-Trichlorobenzene	ND	ug/l	12.				
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	105.	%	70-130				
Toluene-d8	97.0	%	70-130				
4-Bromofluorobenzene	91.0	%	70-130				
Dibromofluoromethane	95.0	%	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: L0504028

Parameter	LCS %	LCSD %	RPD	RPD Limit	QC Limits
Dissolved Metals by MCP 6000/7000 series for sample(s) 02-04,09-11 (WG199632-4, WG199632-5)					
Sodium, Dissolved	110	110	0	20	75-125
Volatile Organics by MCP 8260B for sample(s) 04-05,07-08,10 (WG199592-9, WG199592-10)					
Methylene chloride	94	99	5	25	70-130
1,1-Dichloroethane	86	101	16	25	70-130
Chloroform	100	109	9	25	70-130
Carbon tetrachloride	108	111	3	25	70-130
1,2-Dichloropropane	92	102	10	25	70-130
Dibromochloromethane	86	90	5	25	70-130
1,1,2-Trichloroethane	81	86	6	25	70-130
Tetrachloroethene	100	99	1	25	70-130
Chlorobenzene	93	93	0	25	70-130
1,2-Dichloroethane	99	104	5	25	70-130
1,1,1-Trichloroethane	103	112	8	25	70-130
Bromodichloromethane	92	97	5	25	70-130
trans-1,3-Dichloropropene	80	86	7	25	70-130
cis-1,3-Dichloropropene	88	95	8	25	70-130
Bromoform	90	94	4	50	70-130
1,1,2,2-Tetrachloroethane	84	90	7	25	70-130
Benzene	99	104	5	25	70-130
Chloromethane	85	90	6	50	70-130
Vinyl chloride	95	101	6	25	70-130
Chloroethane	90	98	9	25	70-130
1,1-Dichloroethene	98	107	9	25	70-130
trans-1,2-Dichloroethene	99	106	7	25	70-130
Trichloroethene	102	103	1	25	70-130
1,2-Dichlorobenzene	92	98	6	25	70-130
1,3-Dichlorobenzene	93	96	3	25	70-130
1,4-Dichlorobenzene	92	92	0	25	70-130
Methyl tert butyl ether	78	92	16	25	70-130
cis-1,2-Dichloroethene	92	103	11	25	70-130
Dichlorodifluoromethane	78	82	5	50	70-130
1,2-Dibromoethane	86	90	5	25	70-130
1,3-Dichloropropane	82	89	8	25	70-130
1,1,1,2-Tetrachloroethane	91	92	1	25	70-130
o-Chlorotoluene	91	94	3	25	70-130
p-Chlorotoluene	90	92	2	25	70-130
Hexachlorobutadiene	97	99	2	25	70-130
1,2,4-Trichlorobenzene	101	105	4	25	70-130
Surrogate(s)					
1,2-Dichloroethane-d4	100	106	6		70-130
Toluene-d8	98	99	1		70-130
4-Bromofluorobenzene	101	101	0		70-130
Dibromofluoromethane	98	105	7		70-130

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH LCS/LCSD ANALYSIS

Laboratory Job Number: L0504028

Continued

Parameter	LCS %	LCSD %	RPD	RPD Limit	QC Limits
Volatile Organics by MCP 8260B for sample(s) 03,06 (WG199832-6, WG199832-7)					
Methylene chloride	100	100	0	25	70-130
1,1-Dichloroethane	113	116	3	25	70-130
Chloroform	106	105	1	25	70-130
Carbon tetrachloride	119	121	2	25	70-130
1,2-Dichloropropane	100	103	3	25	70-130
Dibromochloromethane	99	96	3	25	70-130
1,1,2-Trichloroethane	95	91	4	25	70-130
Tetrachloroethene	100	101	1	25	70-130
Chlorobenzene	99	97	2	25	70-130
1,2-Dichloroethane	107	104	3	25	70-130
1,1,1-Trichloroethane	112	116	4	25	70-130
Bromodichloromethane	100	101	1	25	70-130
trans-1,3-Dichloropropene	95	90	5	25	70-130
cis-1,3-Dichloropropene	97	98	1	25	70-130
Bromoform	109	107	2	50	70-130
1,1,2,2-Tetrachloroethane	101	105	4	25	70-130
Benzene	105	106	1	25	70-130
Chloromethane	72	72	0	50	70-130
Vinyl chloride	97	95	2	25	70-130
Chloroethane	91	92	1	25	70-130
1,1-Dichloroethene	96	101	5	25	70-130
trans-1,2-Dichloroethene	100	102	2	25	70-130
Trichloroethene	104	103	1	25	70-130
1,2-Dichlorobenzene	99	102	3	25	70-130
1,3-Dichlorobenzene	96	102	6	25	70-130
1,4-Dichlorobenzene	96	100	4	25	70-130
Methyl tert butyl ether	106	108	2	25	70-130
cis-1,2-Dichloroethene	97	98	1	25	70-130
Dichlorodifluoromethane	80	81	1	50	70-130
1,2-Dibromoethane	99	95	4	25	70-130
1,3-Dichloropropane	92	92	0	25	70-130
1,1,1,2-Tetrachloroethane	101	98	3	25	70-130
o-Chlorotoluene	95	99	4	25	70-130
p-Chlorotoluene	91	96	5	25	70-130
Hexachlorobutadiene	100	101	1	25	70-130
1,2,4-Trichlorobenzene	110	115	4	25	70-130
Surrogate(s)					
1,2-Dichloroethane-d4	108	109	1		70-130
Toluene-d8	96	94	2		70-130
4-Bromofluorobenzene	97	100	3		70-130
Dibromofluoromethane	105	104	1		70-130
Volatile Organics by MCP 8260B for sample(s) 11 (WG199833-3, WG199833-4)					
Methylene chloride	101	102	1	25	70-130
1,1-Dichloroethane	104	108	4	25	70-130
Chloroform	100	104	4	25	70-130

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH LCS/LCSD ANALYSIS

Laboratory Job Number: L0504028

Continued

Parameter	LCS %	LCSD %	RPD	RPD Limit	QC Limits
Volatile Organics by MCP 8260B for sample(s) 11 (WG199833-3, WG199833-4)					
Carbon tetrachloride	98	101	3	25	70-130
1,2-Dichloropropane	100	103	3	25	70-130
Dibromochloromethane	93	89	4	25	70-130
1,1,2-Trichloroethane	108	106	2	25	70-130
Tetrachloroethene	102	105	3	25	70-130
Chlorobenzene	100	101	1	25	70-130
1,2-Dichloroethane	112	113	1	25	70-130
1,1,1-Trichloroethane	101	104	3	25	70-130
Bromodichloromethane	97	97	0	25	70-130
trans-1,3-Dichloropropene	98	95	3	25	70-130
cis-1,3-Dichloropropene	95	95	0	25	70-130
Bromoform	82	78	5	50	70-130
1,1,2,2-Tetrachloroethane	98	94	4	25	70-130
Benzene	103	106	3	25	70-130
Chloromethane	92	98	6	50	70-130
Vinyl chloride	104	114	9	25	70-130
Chloroethane	109	117	7	25	70-130
1,1-Dichloroethene	95	101	6	25	70-130
trans-1,2-Dichloroethene	100	104	4	25	70-130
Trichloroethene	101	105	4	25	70-130
1,2-Dichlorobenzene	97	97	0	25	70-130
1,3-Dichlorobenzene	98	99	1	25	70-130
1,4-Dichlorobenzene	97	99	2	25	70-130
Methyl tert butyl ether	94	91	3	25	70-130
cis-1,2-Dichloroethene	100	104	4	25	70-130
Dichlorodifluoromethane	71	71	0	50	70-130
1,2-Dibromoethane	100	99	1	25	70-130
1,3-Dichloropropane	103	102	1	25	70-130
1,1,1,2-Tetrachloroethane	98	98	0	25	70-130
o-Chlorotoluene	96	94	2	25	70-130
p-Chlorotoluene	97	100	3	25	70-130
Hexachlorobutadiene	86	89	3	25	70-130
1,2,4-Trichlorobenzene	87	84	4	25	70-130
Surrogate(s)					
1,2-Dichloroethane-d4	113	113	0		70-130
Toluene-d8	105	105	0		70-130
4-Bromofluorobenzene	99	100	1		70-130
Dibromofluoromethane	107	110	3		70-130
Volatile Organics by MCP 8260B for sample(s) 09 (WG199823-3, WG199823-4)					
Methylene chloride	101	102	1	25	70-130
1,1-Dichloroethane	104	108	4	25	70-130
Chloroform	100	104	4	25	70-130
Carbon tetrachloride	98	101	3	25	70-130
1,2-Dichloropropane	100	103	3	25	70-130
Dibromochloromethane	93	89	4	25	70-130

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH LCS/LCSD ANALYSIS

Laboratory Job Number: L0504028

Continued

Parameter	LCS %	LCSD %	RPD	RPD Limit	QC Limits
Volatile Organics by MCP 8260B for sample(s) 09 (WG199823-3, WG199823-4)					
1,1,2-Trichloroethane	108	106	2	25	70-130
Tetrachloroethene	102	105	3	25	70-130
Chlorobenzene	100	101	1	25	70-130
1,2-Dichloroethane	112	113	1	25	70-130
1,1,1-Trichloroethane	101	104	3	25	70-130
Bromodichloromethane	97	97	0	25	70-130
trans-1,3-Dichloropropene	98	95	3	25	70-130
cis-1,3-Dichloropropene	95	95	0	25	70-130
Bromoform	82	78	5	50	70-130
1,1,2,2-Tetrachloroethane	98	94	4	25	70-130
Chloromethane	92	98	6	50	70-130
Vinyl chloride	104	114	9	25	70-130
Chloroethane	109	117	7	25	70-130
1,1-Dichloroethene	95	101	6	25	70-130
trans-1,2-Dichloroethene	100	104	4	25	70-130
Trichloroethene	101	105	4	25	70-130
1,2-Dichlorobenzene	97	97	0	25	70-130
1,3-Dichlorobenzene	98	99	1	25	70-130
1,4-Dichlorobenzene	97	99	2	25	70-130
cis-1,2-Dichloroethene	100	104	4	25	70-130
Dichlorodifluoromethane	71	71	0	50	70-130
1,2-Dibromoethane	100	99	1	25	70-130
1,3-Dichloropropane	103	102	1	25	70-130
1,1,1,2-Tetrachloroethane	98	98	0	25	70-130
o-Chlorotoluene	96	94	2	25	70-130
p-Chlorotoluene	97	100	3	25	70-130
Hexachlorobutadiene	86	89	3	25	70-130
1,2,4-Trichlorobenzene	87	84	4	25	70-130
Surrogate(s)					
1,2-Dichloroethane-d4	113	113	0		70-130
Toluene-d8	105	105	0		70-130
4-Bromofluorobenzene	99	100	1		70-130
Dibromofluoromethane	107	110	3		70-130
Volatile Organics by MCP 8260B for sample(s) 01-02 (WG199592-6, WG199592-7)					
Methylene chloride	100	103	3	25	70-130
1,1-Dichloroethane	92	90	2	25	70-130
Chloroform	102	106	4	25	70-130
Carbon tetrachloride	114	111	3	25	70-130
1,2-Dichloropropane	103	96	7	25	70-130
Dibromochloromethane	96	94	2	25	70-130
1,1,2-Trichloroethane	95	94	1	25	70-130
Tetrachloroethene	110	103	7	25	70-130
Chlorobenzene	100	99	1	25	70-130
Trichlorofluoromethane	105	109	4	25	70-130
1,2-Dichloroethane	103	106	3	25	70-130

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH LCS/LCSD ANALYSIS

Laboratory Job Number: L0504028

Continued

Parameter	LCS %	LCSD %	RPD	RPD Limit	QC Limits
Volatile Organics by MCP 8260B for sample(s) 01-02 (WG199592-6, WG199592-7)					
1,1,1-Trichloroethane	115	109	5	25	70-130
Bromodichloromethane	98	98	0	25	70-130
trans-1,3-Dichloropropene	92	91	1	25	70-130
cis-1,3-Dichloropropene	95	98	3	25	70-130
1,1-Dichloropropene	110	107	3	25	70-130
Bromoform	101	95	6	50	70-130
1,1,2,2-Tetrachloroethane	96	95	1	25	70-130
Benzene	106	104	2	25	70-130
Toluene	100	95	5	25	70-130
Ethylbenzene	101	99	2	25	70-130
Chloromethane	85	84	1	50	70-130
Bromomethane	107	95	12	50	70-130
Vinyl chloride	94	99	5	25	70-130
Chloroethane	90	96	6	25	70-130
1,1-Dichloroethene	100	106	6	25	70-130
trans-1,2-Dichloroethene	101	104	3	25	70-130
Trichloroethene	106	100	6	25	70-130
1,2-Dichlorobenzene	98	97	1	25	70-130
1,3-Dichlorobenzene	99	102	3	25	70-130
1,4-Dichlorobenzene	97	98	1	25	70-130
Methyl tert butyl ether	82	83	1	25	70-130
p/m-Xylene	99	96	3	25	70-130
o-Xylene	102	97	5	25	70-130
cis-1,2-Dichloroethene	99	100	1	25	70-130
Dibromomethane	99	102	3	25	70-130
1,2,3-Trichloropropane	102	101	1	25	70-130
Styrene	99	97	2	25	70-130
Dichlorodifluoromethane	82	82	0	50	70-130
Acetone	98	95	3	50	70-130
Carbon disulfide	101	97	4	25	70-130
2-Butanone	85	90	6	50	70-130
4-Methyl-2-pentanone	86	83	4	50	70-130
2-Hexanone	105	95	10	50	70-130
Bromochloromethane	108	110	2	25	70-130
Tetrahydrofuran	83	92	10	25	70-130
2,2-Dichloropropane	107	87	21	25	70-130
1,2-Dibromoethane	97	94	3	25	70-130
1,3-Dichloropropane	95	93	2	25	70-130
1,1,1,2-Tetrachloroethane	102	100	2	25	70-130
Bromobenzene	106	105	1	25	70-130
n-Butylbenzene	95	99	4	25	70-130
sec-Butylbenzene	94	92	2	25	70-130
tert-Butylbenzene	94	96	2	25	70-130
o-Chlorotoluene	95	98	3	25	70-130
p-Chlorotoluene	97	97	0	25	70-130
1,2-Dibromo-3-chloropropane	87	91	4	50	70-130
Hexachlorobutadiene	102	100	2	25	70-130

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH LCS/LCSD ANALYSIS

Laboratory Job Number: L0504028

Continued

Parameter	LCS %	LCSD %	RPD	RPD Limit	QC Limits
Volatile Organics by MCP 8260B for sample(s) 01-02 (WG199592-6, WG199592-7)					
Isopropylbenzene	101	99	2	25	70-130
p-Isopropyltoluene	96	96	0	25	70-130
Naphthalene	101	106	5	25	70-130
n-Propylbenzene	95	96	1	25	70-130
1,2,3-Trichlorobenzene	112	113	1	25	70-130
1,2,4-Trichlorobenzene	106	108	2	25	70-130
1,3,5-Trimethylbenzene	94	98	4	25	70-130
1,2,4-Trimethylbenzene	93	97	4	25	70-130
Ethyl ether	93	96	3	25	70-130
Isopropyl Ether	93	94	1	25	70-130
Ethyl-Tert-Butyl-Ether	89	92	3	25	70-130
Tertiary-Amyl Methyl Ether	88	88	0	25	70-130
1,4-Dioxane	95	104	9	50	70-130
Surrogate(s)					
1,2-Dichloroethane-d4	101	106	5		70-130
Toluene-d8	97	99	2		70-130
4-Bromofluorobenzene	97	102	5		70-130
Dibromofluoromethane	97	103	6		70-130

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH MS/MSD ANALYSIS

Laboratory Job Number: L0504028

Parameter	MS %	MSD %	RPD	RPD Limit	MS/MSD Limits
Dissolved Metals by MCP 6000/7000 series for sample(s) 02-04,09-11 (L0504028-09, WG199632-2)					
Sodium, Dissolved	110	110	0	20	75-125
Volatile Organics by MCP 8260B for sample(s) 01-02,04-05,07-08,10 (L0504025-04, WG199592-2)					
Methylene chloride	105	96	9	30	70-130
1,1-Dichloroethane	94	91	3	30	70-130
Chloroform	111	103	7	30	70-130
Carbon tetrachloride	118	107	10	30	70-130
1,2-Dichloropropane	105	97	8	30	70-130
Dibromochloromethane	103	93	10	30	70-130
1,1,2-Trichloroethane	104	92	12	30	70-130
Tetrachloroethene	110	95	15	30	70-130
Chlorobenzene	104	94	10	30	70-130
1,2-Dichloroethane	115	105	9	30	70-130
1,1,1-Trichloroethane	115	105	9	30	70-130
Bromodichloromethane	105	97	8	30	70-130
trans-1,3-Dichloropropene	102	89	14	30	70-130
cis-1,3-Dichloropropene	100	95	5	30	70-130
Bromoform	107	97	10	30	70-130
1,1,2,2-Tetrachloroethane	102	97	5	30	70-130
Benzene	108	97	11	30	70-130
Chloromethane	83	77	8	30	70-130
Vinyl chloride	104	92	12	30	70-130
Chloroethane	98	86	13	30	70-130
1,1-Dichloroethene	113	104	8	30	70-130
trans-1,2-Dichloroethene	112	101	10	30	70-130
Trichloroethene	111	98	12	30	70-130
1,2-Dichlorobenzene	103	96	7	30	70-130
1,3-Dichlorobenzene	102	97	5	30	70-130
1,4-Dichlorobenzene	103	94	9	30	70-130
Methyl tert butyl ether	88	90	2	30	70-130
cis-1,2-Dichloroethene	108	100	8	30	70-130
Dichlorodifluoromethane	88	81	8	30	70-130
1,2-Dibromoethane	104	94	10	30	70-130
1,3-Dichloropropane	102	92	10	30	70-130
1,1,1,2-Tetrachloroethane	108	95	13	30	70-130
o-Chlorotoluene	103	94	9	30	70-130
p-Chlorotoluene	99	92	7	30	70-130
Hexachlorobutadiene	99	92	7	30	70-130
1,2,4-Trichlorobenzene	104	102	2	30	70-130
Surrogate(s)					
1,2-Dichloroethane-d4	113	108	5		70-130
Toluene-d8	100	96	4		70-130
4-Bromofluorobenzene	101	101	0		70-130
Dibromofluoromethane	112	106	6		70-130

Laboratory Job Number: L0504028

Continued

Parameter	MS %	MSD %	RPD	RPD Limit	MS/MSD Limits
Volatile Organics by MCP 8260B for sample(s) 09 (L0504028-09, WG199823-2)					
Methylene chloride	99	97	2	30	70-130
1,1-Dichloroethane	101	97	4	30	70-130
Chloroform	92	89	3	30	70-130
Carbon tetrachloride	95	91	4	30	70-130
1,2-Dichloropropane	97	93	4	30	70-130
Dibromochloromethane	88	85	3	30	70-130
1,1,2-Trichloroethane	102	101	1	30	70-130
Tetrachloroethene	101	99	2	30	70-130
Chlorobenzene	96	93	3	30	70-130
1,2-Dichloroethane	108	105	3	30	70-130
1,1,1-Trichloroethane	97	94	3	30	70-130
Bromodichloromethane	90	87	3	30	70-130
trans-1,3-Dichloropropene	91	89	2	30	70-130
cis-1,3-Dichloropropene	89	87	2	30	70-130
Bromoform	79	76	4	30	70-130
1,1,2,2-Tetrachloroethane	93	91	2	30	70-130
Chloromethane	87	83	5	30	70-130
Vinyl chloride	105	100	5	30	70-130
Chloroethane	108	103	5	30	70-130
1,1-Dichloroethene	93	89	4	30	70-130
trans-1,2-Dichloroethene	98	93	5	30	70-130
Trichloroethene	96	92	4	30	70-130
1,2-Dichlorobenzene	92	91	1	30	70-130
1,3-Dichlorobenzene	93	89	4	30	70-130
1,4-Dichlorobenzene	93	89	4	30	70-130
cis-1,2-Dichloroethene	99	93	6	30	70-130
Dichlorodifluoromethane	60	56	7	30	70-130
1,2-Dibromoethane	98	97	1	30	70-130
1,3-Dichloropropane	100	98	2	30	70-130
1,1,1,2-Tetrachloroethane	93	92	1	30	70-130
o-Chlorotoluene	90	88	2	30	70-130
p-Chlorotoluene	92	89	3	30	70-130
Hexachlorobutadiene	80	78	3	30	70-130
1,2,4-Trichlorobenzene	80	77	4	30	70-130
Surrogate(s)					
1,2-Dichloroethane-d4	103	105	2		70-130
Toluene-d8	96	100	4		70-130
4-Bromofluorobenzene	90	92	2		70-130
Dibromofluoromethane	97	100	3		70-130
Volatile Organics by MCP 8260B for sample(s) 03,06 (L0504027-04, WG199832-2)					
Methylene chloride	102	104	2	30	70-130
1,1-Dichloroethane	97	102	5	30	70-130
Chloroform	103	106	3	30	70-130
Carbon tetrachloride	126	118	7	30	70-130
1,2-Dichloropropane	104	101	3	30	70-130

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH MS/MSD ANALYSIS

Laboratory Job Number: L0504028

Continued

Parameter	MS %	MSD %	RPD	RPD Limit	MS/MSD Limits
Volatile Organics by MCP 8260B for sample(s) 03,06 (L0504027-04, WG199832-2)					
Dibromochloromethane	98	94	4	30	70-130
1,1,2-Trichloroethane	95	90	5	30	70-130
Tetrachloroethene	106	99	7	30	70-130
Chlorobenzene	98	95	3	30	70-130
1,2-Dichloroethane	107	114	6	30	70-130
1,1,1-Trichloroethane	118	112	5	30	70-130
Bromodichloromethane	98	97	1	30	70-130
trans-1,3-Dichloropropene	90	85	6	30	70-130
cis-1,3-Dichloropropene	92	89	3	30	70-130
Bromoform	105	100	5	30	70-130
1,1,2,2-Tetrachloroethane	97	95	2	30	70-130
Benzene	104	103	1	30	70-130
Chloromethane	90	84	7	30	70-130
Vinyl chloride	98	101	3	30	70-130
Chloroethane	97	97	0	30	70-130
1,1-Dichloroethene	102	109	7	30	70-130
trans-1,2-Dichloroethene	102	109	7	30	70-130
Trichloroethene	105	104	1	30	70-130
1,2-Dichlorobenzene	96	97	1	30	70-130
1,3-Dichlorobenzene	96	97	1	30	70-130
1,4-Dichlorobenzene	94	96	2	30	70-130
Methyl tert butyl ether	92	95	3	30	70-130
cis-1,2-Dichloroethene	100	105	5	30	70-130
Dichlorodifluoromethane	76	84	10	30	70-130
1,2-Dibromoethane	98	94	4	30	70-130
1,3-Dichloropropane	92	90	2	30	70-130
1,1,1,2-Tetrachloroethane	103	98	5	30	70-130
o-Chlorotoluene	94	95	1	30	70-130
p-Chlorotoluene	93	91	2	30	70-130
Hexachlorobutadiene	94	95	1	30	70-130
1,2,4-Trichlorobenzene	103	105	2	30	70-130
Surrogate(s)					
1,2-Dichloroethane-d4	108	113	5		70-130
Toluene-d8	97	99	2		70-130
4-Bromofluorobenzene	101	103	2		70-130
Dibromofluoromethane	106	111	5		70-130
Volatile Organics by MCP 8260B for sample(s) 11 (L0504028-11, WG199833-2)					
Methylene chloride	103	104	1	30	70-130
1,1-Dichloroethane	105	103	2	30	70-130
Chloroform	96	94	2	30	70-130
Carbon tetrachloride	98	95	3	30	70-130
1,2-Dichloropropane	97	97	0	30	70-130
Dibromochloromethane	86	90	5	30	70-130
1,1,2-Trichloroethane	102	101	1	30	70-130
Tetrachloroethene	101	98	3	30	70-130

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH MS/MSD ANALYSIS

Laboratory Job Number: L0504028

Continued

Parameter	MS %	MSD %	RPD	RPD Limit	MS/MSD Limits
Volatile Organics by MCP 8260B for sample(s) 11 (L0504028-11, WG199833-2)					
Chlorobenzene	96	96	0	30	70-130
1,2-Dichloroethane	107	107	0	30	70-130
1,1,1-Trichloroethane	88	85	3	30	70-130
Bromodichloromethane	93	93	0	30	70-130
trans-1,3-Dichloropropene	90	89	1	30	70-130
cis-1,3-Dichloropropene	89	88	1	30	70-130
Bromoform	81	79	3	30	70-130
1,1,2,2-Tetrachloroethane	92	91	1	30	70-130
Benzene	101	100	1	30	70-130
Chloromethane	88	85	3	30	70-130
Vinyl chloride	107	103	4	30	70-130
Chloroethane	110	107	3	30	70-130
1,1-Dichloroethene	92	88	4	30	70-130
trans-1,2-Dichloroethene	99	97	2	30	70-130
Trichloroethene	32	26	21	30	70-130
1,2-Dichlorobenzene	94	93	1	30	70-130
1,3-Dichlorobenzene	94	94	0	30	70-130
1,4-Dichlorobenzene	94	94	0	30	70-130
Methyl tert butyl ether	70	69	1	30	70-130
cis-1,2-Dichloroethene	101	98	3	30	70-130
Dichlorodifluoromethane	61	55	10	30	70-130
1,2-Dibromoethane	96	96	0	30	70-130
1,3-Dichloropropane	98	99	1	30	70-130
1,1,1,2-Tetrachloroethane	93	94	1	30	70-130
o-Chlorotoluene	93	98	5	30	70-130
p-Chlorotoluene	93	94	1	30	70-130
Hexachlorobutadiene	82	82	0	30	70-130
1,2,4-Trichlorobenzene	79	75	5	30	70-130
Surrogate(s)					
1,2-Dichloroethane-d4	98	103	5		70-130
Toluene-d8	91	97	6		70-130
4-Bromofluorobenzene	88	91	3		70-130
Dibromofluoromethane	93	97	4		70-130

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0504028

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Blank Analysis for sample(s) 02-04,09-11 (WG199632-3)							
Dissolved Metals by MCP 6000/7000 series				60 6010B			
Sodium, Dissolved	ND	mg/l	2.0	60 6010B	0419 13:35	0420 14:45	MG
Blank Analysis for sample(s) 01-02 (WG199592-8)							
Volatile Organics by MCP 8260B				60 8260B		0419 17:26	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				

Laboratory Job Number: L0504028

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Blank Analysis for sample(s) 01-02 (WG199592-8)							
Volatile Organics by MCP 8260B continued				60 8260B		0419 17:26	RY
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	105.	%	70-130				
Toluene-d8	98.0	%	70-130				
4-Bromofluorobenzene	99.0	%	70-130				
Dibromofluoromethane	97.0	%	70-130				
Blank Analysis for sample(s) 04-05,07-08,10 (WG199592-11)							
Volatile Organics by MCP 8260B				60 8260B		0420 10:40	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				

Laboratory Job Number: L0504028

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Blank Analysis for sample(s) 04-05,07-08,10 (WG199592-11)							
Volatile Organics by MCP 8260B continued				60 8260B		0420 10:40	RY
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				
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	110.	%	70-130				
Toluene-d8	95.0	%	70-130				
4-Bromofluorobenzene	102.	%	70-130				
Dibromofluoromethane	108.	%	70-130				
Blank Analysis for sample(s) 09 (WG199823-5)							
Volatile Organics by MCP 8260B				60 8260B		0420 07:40	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				

Laboratory Job Number: L0504028

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Blank Analysis for sample(s) 09 (WG199823-5)							
Volatile Organics by MCP 8260B continued				60 8260B		0420 07:40	TT
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				
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	110.	%	70-130				
Toluene-d8	104.	%	70-130				
4-Bromofluorobenzene	105.	%	70-130				
Dibromofluoromethane	107.	%	70-130				
Blank Analysis for sample(s) 03,06 (WG199832-8)							
Volatile Organics by MCP 8260B				60 8260B		0420 18:01	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				

Laboratory Job Number: L0504028

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Blank Analysis for sample(s) 03,06 (WG199832-8)							
Volatile Organics by MCP 8260B continued				60 8260B		0420 18:01	RY
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				
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	106.	%	70-130				
Toluene-d8	98.0	%	70-130				
4-Bromofluorobenzene	106.	%	70-130				
Dibromofluoromethane	99.0	%	70-130				
Blank Analysis for sample(s) 11 (WG199833-5)							
Volatile Organics by MCP 8260B				60 8260B		0420 07:40	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	ND	ug/l	0.50				
Bromodichloromethane	ND	ug/l	0.50				

Laboratory Job Number: L0504028

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Blank Analysis for sample(s) 11 (WG199833-5)							
Volatile Organics by MCP 8260B continued				60 8260B		0420 07:40	TT
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				
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	110.	%	70-130				
Toluene-d8	104.	%	70-130				
4-Bromofluorobenzene	105.	%	70-130				
Dibromofluoromethane	107.	%	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: L0504028

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
L0504028-01A	Vial Na2S2O3 preserved	A	N/A	0.4 C	Y	Absent	MCP-8260-04
L0504028-01B	Vial Na2S2O3 preserved	A	N/A	0.4 C	Y	Absent	MCP-8260-04
L0504028-02A	Vial HCl preserved	A	N/A	0.4 C	Y	Absent	MCP-8260-04
L0504028-02B	Vial HCl preserved	A	N/A	0.4 C	Y	Absent	MCP-8260-04
L0504028-02C	Plastic 250ml HNO3 preserved	A	<2	0.4 C	Y	Absent	MCP-NA-6010S
L0504028-03A	Vial HCl preserved	A	N/A	0.4 C	Y	Absent	MCP-8260-04
L0504028-03B	Vial HCl preserved	A	N/A	0.4 C	Y	Absent	MCP-8260-04
L0504028-03C	Plastic 250ml HNO3 preserved	A	<2	0.4 C	Y	Absent	MCP-NA-6010S
L0504028-04A	Vial HCl preserved	A	N/A	0.4 C	Y	Absent	MCP-8260-04
L0504028-04B	Vial HCl preserved	A	N/A	0.4 C	Y	Absent	MCP-8260-04
L0504028-04C	Plastic 250ml HNO3 preserved	A	<2	0.4 C	Y	Absent	MCP-NA-6010S
L0504028-05A	Vial Na2S2O3 preserved	A	N/A	0.4 C	Y	Absent	MCP-8260-04
L0504028-05B	Vial Na2S2O3 preserved	A	N/A	0.4 C	Y	Absent	MCP-8260-04
L0504028-06A	Vial Na2S2O3 preserved	A	N/A	0.4 C	Y	Absent	MCP-8260-04
L0504028-06B	Vial Na2S2O3 preserved	A	N/A	0.4 C	Y	Absent	MCP-8260-04
L0504028-07A	Vial Na2S2O3 preserved	A	N/A	0.4 C	Y	Absent	MCP-8260-04
L0504028-07B	Vial Na2S2O3 preserved	A	N/A	0.4 C	Y	Absent	MCP-8260-04
L0504028-08A	Vial Na2S2O3 preserved	A	N/A	0.4 C	Y	Absent	MCP-8260-04
L0504028-08B	Vial Na2S2O3 preserved	A	N/A	0.4 C	Y	Absent	MCP-8260-04
L0504028-09A	Vial HCl preserved	A	N/A	0.4 C	Y	Absent	MCP-8260-04
L0504028-09B	Vial HCl preserved	A	N/A	0.4 C	Y	Absent	MCP-8260-04
L0504028-09C	Vial HCl preserved	A	N/A	0.4 C	Y	Absent	MCP-8260-04
L0504028-09D	Vial HCl preserved	A	N/A	0.4 C	Y	Absent	MCP-8260-04
L0504028-09E	Vial HCl preserved	A	N/A	0.4 C	Y	Absent	MCP-8260-04
L0504028-09F	Vial HCl preserved	A	N/A	0.4 C	Y	Absent	MCP-8260-04
L0504028-09G	Plastic 250ml HNO3 preserved	A	<2	0.4 C	Y	Absent	MCP-NA-6010S
L0504028-09H	Plastic 250ml HNO3 preserved				Y	Absent	MCP-NA-6010S
L0504028-09I	Plastic 250ml HNO3 preserved				Y	Absent	MCP-NA-6010S
L0504028-10A	Vial HCl preserved	A	N/A	0.4 C	Y	Absent	MCP-8260-04
L0504028-10B	Vial HCl preserved	A	N/A	0.4 C	Y	Absent	MCP-8260-04
L0504028-10C	Plastic 250ml HNO3 preserved	A	<2	0.4 C	Y	Absent	MCP-NA-6010S
L0504028-11A	Vial Na2S2O3 preserved	A	N/A	0.4 C	Y	Absent	MCP-8260-04
L0504028-11B	Vial Na2S2O3 preserved	A	N/A	0.4 C	Y	Absent	MCP-8260-04
L0504028-11C	Vial Na2S2O3 preserved	A	N/A	0.4 C	Y	Absent	MCP-8260-04
L0504028-11D	Vial Na2S2O3 preserved	A	N/A	0.4 C	Y	Absent	MCP-8260-04
L0504028-11E	Plastic 250ml HNO3 preserved	A	<2	0.4 C	Y	Absent	MCP-NA-6010S
L0504028-11F	Plastic 250ml HNO3 preserved	A	<2	0.4 C	Y	Absent	MCP-NA-6010S

ALPHA ANALYTICAL LABORATORIES
LOGIN SPECIFIC INFORMATION

Laboratory Job Number: L0504028

Continued

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis

Container Comments

Container ID	Comments

CHAIN OF CUSTODY

PAGE 1 OF 2

Date Rec'd in Lab: 4/14

ALPHA Job #: L0504028

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

Client Information

Client: ERM
Address: 399 Boylston Street 6th floor Boston Ma
Phone: 617-646-7800
Fax: 617-267-6447
Email:
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: former Raytheon facility
Project Location: Wayland Ma
Project #: 28046
Project Manager: PicardD
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 4/21 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:

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS 8021B CVOC's	8021B CVOC's 6010B Dissolved Sodium	SAMPLE HANDLING Filtration / Preservation	TOTAL # BOTTLES
4028-1	MW-201S-20050413-01	4/13/05	8:20	GW	MJH	2		Preserved w/ Sodium thiosulfate	2
2	MW-201D-20050413-01	4/13/05	9:40	GW	MJH		2 1	sodium was field filtered	3
3	MW-201M-20050413-01	4/13/05	11:05	GW	MJH		2 1	Sodium was field filtered	3
4	MW-103-20050413-01	4/13/05	12:16	GW	MJH		2 1	sodium was field filtered	3
5	MW-213-20050413-01	4/13/05	13:10	GW	MJH	2		preserved w/ sodium thiosulfate	2
6	MW-104-20050413-01	4/13/05	14:00	GW	MJH	2		preserved w/ Sodium thiosulfate	2
7	MW-106-20050413-01	4/13/05	14:45	GW	MJH	2		Preserved w/ sodium thiosulfate	2
8	MW-105-20050413-01	4/13/05	16:47	GW	MJH	2		Preserved w/ Sodium thiosulfate	2
9	MW-209-20050413-01	4/13/05	17:00	GW	TD		2 1	sodium was field filtered	3
10	DUP-006-20050413-01	4/13/05	17:00	GW	TD		2 1	Sodium was field filtered	3
	Container Type					V	V P		
	Preservative					O	B C		

QUESTIONS ABOVE MUST BE ANSWERED FOR PRESUMPTIVE CERTAINTY

IS YOUR PROJECT MCP ?

Relinquished By:	Date/Time	Received By:	Date/Time
	4/14/05 1525		4/14/05 1525

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.

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CHAIN OF CUSTODY PAGE 2 OF 2

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

Date Rec'd in Lab: 4/14

ALPHA Job #: L0504028

Client Information

Client: ERM
Address: 399 Boylston Street 6th floor Boston Ma
Phone: 617-646-8800
Fax: 617-267-6447
Email:

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Former Raytheon
Project Location: Wayland MA
Project #: 28046
Project Manager: Picard
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 4/21 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: 8021/3 CVOC's; 6010B Dissolved Mn; 8021B CVOCs MTBE Only

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				Sample Specific Comments	TOTAL # BOTTLES
	~~MS-006-20050413-01~~	~~4/13/05~~	~~24:00~~	~~GW~~	~~TD~~	2	1		~~Sodium was not filtered~~	~~3~~
	~~MSD-006-20050413-01~~	~~4/13/05~~	~~24:00~~	~~GW~~	~~TD~~	2	1		~~Sodium was not filtered~~	~~3~~
4028.11	MW-204M-20050413-01-MS	4/13/05	9:15 24:00	GW	EB	X	X		field filtered	3
11	MW-204M-20050413-01-MSD	4/13/05	09:15	GW	EB	X	X		field filtered	3
9	MW-209-20050413-01-MS	4/13/05	17:00	GW	TD	2	1		field filtered	3
9	MW-209-20050413-01-MSD	4/13/05	17:00	GW	TD	2	1		field filtered	3

Container Type	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
	4/14/05 1700		4/14/05 1700
	4/14/05		4/14/05 1800

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