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: 13606

Site: RAYTHEON WAYLAND

Laboratory Job Number: L0414459

Date Received: 09-DEC-2004

Date Reported: 29-DEC-2004

Delivery Method: Alpha

The following questions pertain only to MCP Analytical Methods

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

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

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

E. Were all QC performance standards and recommendations for the specified method(s) achieved?	NO
F. Were results for all analyte-list compounds/elements for the specified method(s) reported?	NO

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

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

Authorized by: James Todaro
This document electronically signed

ALPHA ANALYTICAL LABORATORIES

Laboratory Job Number: L0414459
Date Reported: 29-DEC-2004

ALPHA SAMPLE NUMBER	CLIENT IDENTIFICATION	SAMPLE LOCATION
L0414459-01	MW-217S	WAYLAND, MA
L0414459-02	MW-217M	WAYLAND, MA
L0414459-03	MW-218S	WAYLAND, MA
L0414459-04	MW-218M	WAYLAND, MA

ALPHA ANALYTICAL LABORATORIES
NARRATIVE REPORT

Laboratory Job Number: L0414459

MCP Related Narratives

Report Submission

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

Volatile Organics

L0414459-04 was re-analyzed on a 4x dilution in order to quantitate the sample within the range of the calibration. The result is reported as a greater than value for the compound that exceeded the calibration on the initial analysis. The re-analysis was performed only for the compound which exceeded the range of the calibration.

In reference to question E:

Associated with L0414459-01:

The LCS/LCSD % recoveries for Acetone, 2-Hexanone, and Dichlorodifluoromethane are below the acceptance criteria for the method.

The LCS/LCSD % recoveries for Bromomethane are above the acceptance criteria for the method.

These are all difficult analytes.

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: L0414459-01
MW-217S
Sample Matrix: WATER

Date Collected: 08-DEC-2004 14:05
Date Received : 09-DEC-2004
Date Reported : 29-DEC-2004

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers:

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by MCP 8260B				60 8260B		1211 20:33	BT
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	5.0	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: L0414459-01
MW-217S

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by MCP 8260B continued				60 8260B		1211 20:33	BT
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	117.	%	70-130				
Toluene-d8	98.0	%	70-130				
4-Bromofluorobenzene	102.	%	70-130				
Dibromofluoromethane	112.	%	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: L0414459-02
MW-217M
Sample Matrix: WATER

Date Collected: 08-DEC-2004 14:10
Date Received : 09-DEC-2004
Date Reported : 29-DEC-2004

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers:

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by MCP 8260B				60 8260B		1211 20:51	BT
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	3.5	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	2.5	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	1.0	ug/l	0.50				
trans-1,2-Dichloroethene	ND	ug/l	0.75				
Trichloroethene	8.6	ug/l	0.50				
1,2-Dichlorobenzene	2.5	ug/l	2.5				
1,3-Dichlorobenzene	ND	ug/l	2.5				
1,4-Dichlorobenzene	ND	ug/l	2.5				
Methyl tert butyl ether	23.	ug/l	1.0				
cis-1,2-Dichloroethene	0.87	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: L0414459-02
MW-217M

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by MCP 8260B continued				60 8260B		1211 20:51	BT
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	107.	%	70-130				
Toluene-d8	104.	%	70-130				
4-Bromofluorobenzene	101.	%	70-130				
Dibromofluoromethane	103.	%	70-130				

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

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

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

Laboratory Sample Number: L0414459-03
MW-218S
Sample Matrix: WATER

Date Collected: 08-DEC-2004 10:25
Date Received : 09-DEC-2004
Date Reported : 29-DEC-2004

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers:

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Chloride	180	mg/l	1.0	1	9251		1211 15:07	ED
Volatile Organics by MCP 8260B				60	8260B		1211 21:27	BT
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: L0414459-03
MW-218S

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by MCP 8260B continued				60 8260B		1211 21:27	BT
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	107.	%	70-130				
Toluene-d8	102.	%	70-130				
4-Bromofluorobenzene	103.	%	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: L0414459-04
MW-218M
Sample Matrix: WATER

Date Collected: 08-DEC-2004 09:05
Date Received : 09-DEC-2004
Date Reported : 29-DEC-2004

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers:

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Chloride	370	mg/l	1.0	1	9251		1211 15:07	ED
Volatile Organics by MCP 8260B				60	8260B		1211 22:03	BT
Methylene chloride	ND	ug/l	5.0					
1,1-Dichloroethane	12.	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	1.5	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	1.3	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	0.80	ug/l	0.50					
trans-1,2-Dichloroethene	ND	ug/l	0.75					
Trichloroethene	2.3	ug/l	0.50					
1,2-Dichlorobenzene	ND	ug/l	2.5					
1,3-Dichlorobenzene	ND	ug/l	2.5					
1,4-Dichlorobenzene	ND	ug/l	2.5					
Methyl tert butyl ether	>100	ug/l	1					
cis-1,2-Dichloroethene	2.1	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: L0414459-04
MW-218M

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by MCP 8260B continued				60 8260B		1211 22:03	BT
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	107.	%	70-130				
Toluene-d8	101.	%	70-130				
4-Bromofluorobenzene	102.	%	70-130				
Dibromofluoromethane	102.	%	70-130				
Volatile Organics by MCP 8260B				60 8260B		1213 13:30	BT
Methyl tert butyl ether	160	ug/l	4.0				
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	110.	%	70-130				
Toluene-d8	102.	%	70-130				
4-Bromofluorobenzene	104.	%	70-130				
Dibromofluoromethane	103.	%	70-130				

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

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH DUPLICATE ANALYSIS

Laboratory Job Number: L0414459

Parameter	Value 1	Value 2	Units	RPD	RPD Limits
Chloride for sample(s) 03-04 (L0413326-27, WG190542)					
Chloride	77.	75.	mg/l	3	7

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH SPIKE ANALYSES

Laboratory Job Number: L0414459

Parameter	% Recovery	QC Criteria
Chloride LCS for sample(s) 03-04 (WG190542)		
Chloride	93	84-110
Chloride SPIKE for sample(s) 03-04 (L0413326-26, WG190542)		
Chloride	85	58-140

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH LCS/LCSD ANALYSIS

Laboratory Job Number: L0414459

Parameter	LCS %	LCSD %	RPD	RPD Limit	QC Limits
Volatile Organics by MCP 8260B for sample(s) 02-04 (WG189172-3, WG189172)					
Methylene chloride	87	94	8	25	70-130
1,1-Dichloroethane	90	100	11	25	70-130
Chloroform	83	94	12	25	70-130
Carbon tetrachloride	91	100	9	25	70-130
1,2-Dichloropropane	88	99	12	25	70-130
Dibromochloromethane	89	100	12	25	70-130
1,1,2-Trichloroethane	88	96	9	25	70-130
Tetrachloroethene	85	100	16	25	70-130
Chlorobenzene	90	98	9	25	70-130
1,2-Dichloroethane	91	102	11	25	70-130
1,1,1-Trichloroethane	86	100	15	25	70-130
Bromodichloromethane	88	102	15	25	70-130
trans-1,3-Dichloropropene	82	90	9	25	70-130
cis-1,3-Dichloropropene	88	100	13	25	70-130
Bromoform	82	97	17	50	70-130
1,1,2,2-Tetrachloroethane	84	98	15	25	70-130
Benzene	89	98	10	25	70-130
Chloromethane	101	116	14	50	70-130
Vinyl chloride	90	100	11	25	70-130
Chloroethane	89	106	17	25	70-130
1,1-Dichloroethene	85	98	14	25	70-130
trans-1,2-Dichloroethene	89	97	9	25	70-130
Trichloroethene	86	97	12	25	70-130
1,2-Dichlorobenzene	84	94	11	25	70-130
1,3-Dichlorobenzene	85	94	10	25	70-130
1,4-Dichlorobenzene	85	97	13	25	70-130
Methyl tert butyl ether	95	102	7	25	70-130
cis-1,2-Dichloroethene	92	99	7	25	70-130
Dichlorodifluoromethane	103	115	11	50	70-130
1,2-Dibromoethane	88	98	11	25	70-130
1,3-Dichloropropane	90	100	11	25	70-130
1,1,1,2-Tetrachloroethane	90	99	10	25	70-130
o-Chlorotoluene	86	97	12	25	70-130
p-Chlorotoluene	84	94	11	25	70-130
Hexachlorobutadiene	78	92	16	25	70-130
1,2,4-Trichlorobenzene	88	95	8	25	70-130
Surrogate(s)					
1,2-Dichloroethane-d4	106	105	1		70-130
Toluene-d8	101	101	0		70-130
4-Bromofluorobenzene	99	100	1		70-130
Dibromofluoromethane	102	103	1		70-130
Volatile Organics by MCP 8260B for sample(s) 04 (WG189172-6, WG189172)					
Methylene chloride	102	100	2	25	70-130
1,1-Dichloroethane	108	106	2	25	70-130
Chloroform	104	100	4	25	70-130
Carbon tetrachloride	108	111	3	25	70-130

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH LCS/LCSD ANALYSIS

Laboratory Job Number: L0414459

Continued

Parameter	LCS %	LCSD %	RPD	RPD Limit	QC Limits
Volatile Organics by MCP 8260B for sample(s) 04 (WG189172-6, WG189172)					
1,2-Dichloropropane	105	107	2	25	70-130
Dibromochloromethane	109	107	2	25	70-130
1,1,2-Trichloroethane	108	103	5	25	70-130
Tetrachloroethene	103	105	2	25	70-130
Chlorobenzene	108	103	5	25	70-130
1,2-Dichloroethane	112	110	2	25	70-130
1,1,1-Trichloroethane	103	108	5	25	70-130
Bromodichloromethane	104	104	0	25	70-130
trans-1,3-Dichloropropene	108	105	3	25	70-130
cis-1,3-Dichloropropene	107	107	0	25	70-130
Bromoform	99	102	3	50	70-130
1,1,2,2-Tetrachloroethane	102	101	1	25	70-130
Benzene	105	105	0	25	70-130
Chloromethane	102	98	4	50	70-130
Vinyl chloride	97	97	0	25	70-130
Chloroethane	97	94	3	25	70-130
1,1-Dichloroethene	101	100	1	25	70-130
trans-1,2-Dichloroethene	104	105	1	25	70-130
Trichloroethene	102	104	2	25	70-130
1,2-Dichlorobenzene	98	101	3	25	70-130
1,3-Dichlorobenzene	100	97	3	25	70-130
1,4-Dichlorobenzene	102	100	2	25	70-130
Methyl tert butyl ether	105	105	0	25	70-130
cis-1,2-Dichloroethene	101	101	0	25	70-130
Dichlorodifluoromethane	90	90	0	50	70-130
1,2-Dibromoethane	108	101	7	25	70-130
1,3-Dichloropropane	108	106	2	25	70-130
1,1,1,2-Tetrachloroethane	105	110	5	25	70-130
o-Chlorotoluene	100	99	1	25	70-130
p-Chlorotoluene	100	100	0	25	70-130
Hexachlorobutadiene	100	93	7	25	70-130
1,2,4-Trichlorobenzene	102	100	2	25	70-130
Surrogate(s)					
1,2-Dichloroethane-d4	108	109	1		70-130
Toluene-d8	103	102	1		70-130
4-Bromofluorobenzene	99	98	1		70-130
Dibromofluoromethane	105	108	3		70-130
Volatile Organics by MCP 8260B for sample(s) 01 (WG189173-1, WG189173)					
Methylene chloride	115	109	5	25	70-130
1,1-Dichloroethane	119	111	7	25	70-130
Chloroform	103	98	5	25	70-130
Carbon tetrachloride	125	115	8	25	70-130
1,2-Dichloropropane	118	110	7	25	70-130
Dibromochloromethane	109	104	5	25	70-130
1,1,2-Trichloroethane	119	113	5	25	70-130

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH LCS/LCSD ANALYSIS

Laboratory Job Number: L0414459

Continued

Parameter	LCS %	LCSD %	RPD	RPD Limit	QC Limits
Volatile Organics by MCP 8260B for sample(s) 01 (WG189173-1, WG189173)					
Tetrachloroethene	112	106	6	25	70-130
Chlorobenzene	116	108	7	25	70-130
Trichlorofluoromethane	124	110	12	25	70-130
1,2-Dichloroethane	122	116	5	25	70-130
1,1,1-Trichloroethane	117	109	7	25	70-130
Bromodichloromethane	112	106	6	25	70-130
trans-1,3-Dichloropropene	108	105	3	25	70-130
cis-1,3-Dichloropropene	112	108	4	25	70-130
1,1-Dichloropropene	117	111	5	25	70-130
Bromoform	101	105	4	50	70-130
1,1,2,2-Tetrachloroethane	104	109	5	25	70-130
Benzene	123	113	8	25	70-130
Toluene	118	111	6	25	70-130
Ethylbenzene	120	115	4	25	70-130
Chloromethane	95	88	8	50	70-130
Bromomethane	142	137	4	50	70-130
Vinyl chloride	104	99	5	25	70-130
Chloroethane	120	112	7	25	70-130
1,1-Dichloroethene	115	107	7	25	70-130
trans-1,2-Dichloroethene	116	109	6	25	70-130
Trichloroethene	114	106	7	25	70-130
1,2-Dichlorobenzene	107	106	1	25	70-130
1,3-Dichlorobenzene	110	108	2	25	70-130
1,4-Dichlorobenzene	108	107	1	25	70-130
Methyl tert butyl ether	112	112	0	25	70-130
p/m-Xylene	125	117	7	25	70-130
o-Xylene	120	114	5	25	70-130
cis-1,2-Dichloroethene	120	114	5	25	70-130
Dibromomethane	117	114	3	25	70-130
1,2,3-Trichloropropane	106	111	5	25	70-130
Styrene	120	114	5	25	70-130
Dichlorodifluoromethane	49	47	4	50	70-130
Acetone	64	59	8	50	70-130
Carbon disulfide	104	95	9	25	70-130
2-Butanone	72	73	1	50	70-130
4-Methyl-2-pentanone	93	92	1	50	70-130
2-Hexanone	57	56	2	50	70-130
Bromochloromethane	122	117	4	25	70-130
Tetrahydrofuran	103	99	4	25	70-130
2,2-Dichloropropane	114	106	7	25	70-130
1,2-Dibromoethane	108	108	0	25	70-130
1,3-Dichloropropane	119	116	3	25	70-130
1,1,1,2-Tetrachloroethane	113	109	4	25	70-130
Bromobenzene	108	111	3	25	70-130
n-Butylbenzene	119	114	4	25	70-130
sec-Butylbenzene	121	118	3	25	70-130
tert-Butylbenzene	107	106	1	25	70-130

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH LCS/LCSD ANALYSIS

Laboratory Job Number: L0414459

Continued

Parameter	LCS %	LCSD %	RPD	RPD Limit	QC Limits
Volatile Organics by MCP 8260B for sample(s) 01 (WG189173-1, WG189173)					
o-Chlorotoluene	117	115	2	25	70-130
p-Chlorotoluene	114	113	1	25	70-130
1,2-Dibromo-3-chloropropane	90	100	11	50	70-130
Hexachlorobutadiene	114	112	2	25	70-130
Isopropylbenzene	111	112	1	25	70-130
p-Isopropyltoluene	108	104	4	25	70-130
Naphthalene	96	104	8	25	70-130
n-Propylbenzene	119	117	2	25	70-130
1,2,3-Trichlorobenzene	103	106	3	25	70-130
1,2,4-Trichlorobenzene	98	99	1	25	70-130
1,3,5-Trimethylbenzene	120	118	2	25	70-130
1,2,4-Trimethylbenzene	119	116	3	25	70-130
Ethyl ether	105	104	1	25	70-130
Isopropyl Ether	98	96	2	25	70-130
Ethyl-Tert-Butyl-Ether	98	97	1	25	70-130
Tertiary-Amyl Methyl Ether	100	100	0	25	70-130
1,4-Dioxane	102	109	7	50	70-130
Surrogate(s)					
1,2-Dichloroethane-d4	108	103	5		70-130
Toluene-d8	104	101	3		70-130
4-Bromofluorobenzene	103	109	6		70-130
Dibromofluoromethane	106	101	5		70-130

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH MS/MSD ANALYSIS

Laboratory Job Number: L0414459

Parameter	MS %	MSD %	RPD	RPD Limit	MS/MSD Limits
Volatile Organics by MCP 8260B for sample(s) 02-04 (L0413788-04, WG189172)					
Methylene chloride	107	112	5	30	70-130
1,1-Dichloroethane	118	119	1	30	70-130
Chloroform	114	109	4	30	70-130
Carbon tetrachloride	128	123	4	30	70-130
1,2-Dichloropropane	116	117	1	30	70-130
Dibromochloromethane	117	121	3	30	70-130
1,1,2-Trichloroethane	113	112	1	30	70-130
Tetrachloroethene	115	115	0	30	70-130
Chlorobenzene	116	113	3	30	70-130
1,2-Dichloroethane	121	116	4	30	70-130
1,1,1-Trichloroethane	121	120	1	30	70-130
Bromodichloromethane	115	115	0	30	70-130
trans-1,3-Dichloropropene	116	116	0	30	70-130
cis-1,3-Dichloropropene	117	117	0	30	70-130
Bromoform	112	114	2	30	70-130
1,1,2,2-Tetrachloroethane	114	110	4	30	70-130
Benzene	115	114	1	30	70-130
Chloromethane	113	107	5	30	70-130
Vinyl chloride	112	111	1	30	70-130
Chloroethane	114	107	6	30	70-130
1,1-Dichloroethene	117	109	7	30	70-130
trans-1,2-Dichloroethene	121	114	6	30	70-130
Trichloroethene	125	117	7	30	70-130
1,2-Dichlorobenzene	110	110	0	30	70-130
1,3-Dichlorobenzene	110	111	1	30	70-130
1,4-Dichlorobenzene	114	111	3	30	70-130
Methyl tert butyl ether	116	114	2	30	70-130
cis-1,2-Dichloroethene	113	108	5	30	70-130
Dichlorodifluoromethane	98	94	4	30	70-130
1,2-Dibromoethane	116	116	0	30	70-130
1,3-Dichloropropane	115	117	2	30	70-130
1,1,1,2-Tetrachloroethane	118	122	3	30	70-130
o-Chlorotoluene	112	110	2	30	70-130
p-Chlorotoluene	113	111	2	30	70-130
Hexachlorobutadiene	109	106	3	30	70-130
1,2,4-Trichlorobenzene	109	113	4	30	70-130
Surrogate(s)					
1,2-Dichloroethane-d4	107	108	1		70-130
Toluene-d8	101	101	0		70-130
4-Bromofluorobenzene	101	98	3		70-130
Dibromofluoromethane	106	103	3		70-130

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0414459

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Blank Analysis for sample(s) 03-04 (WG190542-1)								
Chloride	ND	mg/l	1.0	1	9251		1211 14:54	ED
Blank Analysis for sample(s) 02-04 (WG189172-5)								
Volatile Organics by MCP 8260B					60 8260B		1211 16:40	BT
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					
Surrogate(s)	Recovery		QC Criteria					
1,2-Dichloroethane-d4	107.	%	70-130					
Toluene-d8	102.	%	70-130					
4-Bromofluorobenzene	103.	%	70-130					
Dibromofluoromethane	103.	%	70-130					

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0414459

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Blank Analysis for sample(s) 04 (WG189172-8)							
Volatile Organics by MCP 8260B				60 8260B		1213 12:17	BT
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				
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	110.	%	70-130				
Toluene-d8	101.	%	70-130				
4-Bromofluorobenzene	102.	%	70-130				
Dibromofluoromethane	103.	%	70-130				
Blank Analysis for sample(s) 01 (WG189173-3)							
Volatile Organics by MCP 8260B				60 8260B		1211 12:38	BT
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	0.75				

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0414459

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Blank Analysis for sample(s) 01 (WG189173-3)							
Volatile Organics by MCP 8260B continued				60 8260B		1211 12:38	BT
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				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0414459

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Blank Analysis for sample(s) 01 (WG189173-3)							
Volatile Organics by MCP 8260B continued				60 8260B		1211 12:38	BT
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	109.	%	70-130				
Toluene-d8	101.	%	70-130				
4-Bromofluorobenzene	102.	%	70-130				
Dibromofluoromethane	108.	%	70-130				

REFERENCES

1. Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.

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.

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: L0414459

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

Container Comments

Container ID	Comments

CHAIN OF CUSTODY

PAGE _____ OF _____

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

Date Rec'd in Lab: 12/28

ALPHA Job #: L0414159

Client Information

Client: ERM-MA

Address:

Phone:

Fax:

Email:

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Raytheon

Project Location: Hayland

Project #: 13606.

Project Manager:

ALPHA Quote #:

Turn-Around Time

☐ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 1/4/05 Time:

Report Information - Data Deliverables

☐ FAX ☐ EMAIL

☐ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program | 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:

Relog of L0413788-01,05,07,08

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS 8260 VOC	SAMPLE HANDLING	TOTAL # BOTTLES	Sample Specific Comments
44159.1	MW-217S	12/8	1405			9			
2	MW-217M		1410			3			
3	MW-218S		1025			3			
4	MW-218M		0905			2			

SAMPLE HANDLING

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

QUESTIONS ABOVE MUST BE ANSWERED FOR PRESUMPTIVE CERTAINTY

IS YOUR PROJECT MCP ?

Container Type														
Preservative														

Relinquished By:	Date/Time	Received By:	Date/Time
	12/28 2035		

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

FORM NO. 01-01

CHAIN OF CUSTODY

PAGE _____ OF _____

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

Date Rec'd in Lab: 12/9

ALPHA Job #: L0413788

Client Information

Client: ERM
Address: 399 Boylston St
Boston MA 02116
Phone: 617-646-7800
Fax:
Email:
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Raytheon
Project Location: Wayland
Project #: 13606
Project Manager: J. Picard
ALPHA Quote #:

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 12/16 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 | 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:

ANALYSES: 8021B, MTBE, Benzene, Chloride

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	
3788-1	MW-217S	12/8/04	14:05	GW	LK	✓			2
2	MW-207D	12/8/04	11:40	GW	LK	✓			2
3	MW-207S	12/8/04	12:30	GW	LK	✓			2
4	MW-208S	12/8/04	15:30	GW	MJH	✓	✓		2
5	MSMW-208S	12/8/04	15:30	GW	MJH	✓	✓		2
6	MSD MW-208S	12/8/04	15:30	GW	MJH	✓	✓		2
7	MW-217M	12/8/04	14:10	GW	MJH	✓			2
8	MW-207M	12/8/04	~~14:05~~ 12:25	GW	MJH	✓			2
9	MW-218S	12/8/04	10:25	GW	MJH	✓	✓		3
10	MW-218M	12/8/04	9:05	GW	MJH	✓	✓		3
	Container Type					✓	P		
	Preservative					B	A		

QUESTIONS ABOVE MUST BE ANSWERED FOR PRESUMPTIVE CERTAINTY

IS YOUR PROJECT MCP ?

Relinquished By:	Date/Time	Received By:	Date/Time
			12/9/04 1730
	12/9/04 1840		12/9/04 1840

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

FORM NO: 01-01