

ALPHA ANALYTICAL LABORATORIES

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

CERTIFICATE OF ANALYSIS

Client: ERM-New England Laboratory Job Number: L0513061
Address: 399 Boylston Street
6th Floor
Boston, MA 02116 Date Received: 28-OCT-2005
Attn: Jeremy Picard Date Reported: 07-NOV-2005
Project Number: 0028046 Delivery Method: Alpha
Site: FORMER RAYTHEON FACILITY

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: 
Technical Director

ALPHA ANALYTICAL LABORATORIES

Laboratory Job Number: L0513061

Date Reported: 07-NOV-2005

ALPHA SAMPLE NUMBER	CLIENT IDENTIFICATION	SAMPLE LOCATION
L0513061-01	MW-554D-20051028-01	WAYLAND, MA
L0513061-02	MW-554MA-20051028-01	WAYLAND, MA
L0513061-03	MW-554S-20051028-01	WAYLAND, MA
L0513061-04	MW-554MB-20051028-01	WAYLAND, MA
L0513061-05	MW-555S-20051028-01	WAYLAND, MA
L0513061-06	MW-555MA-20051028-01	WAYLAND, MA
L0513061-07	MW-555MB-20051028-01	WAYLAND, MA
L0513061-08	MW-555D-20051028-01	WAYLAND, MA
L0513061-09	MW-556S-20051028-01	WAYLAND, MA
L0513061-10	MW-556M-20051028-01	WAYLAND, MA
L0513061-11	MW-556D-20051028-01	WAYLAND, MA
L0513061-12	DUP-001-20051028-01	WAYLAND, MA

ALPHA ANALYTICAL LABORATORIES
NARRATIVE REPORT

Laboratory Job Number: L0513061

MCP Related Narratives:

Report Submission

In reference to question F:

At the client's request, all submitted samples were not analyzed for the full MCP list of compounds specified for the Method.

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

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

Laboratory Sample Number:	L0513061-01	Date Collected:	28-OCT-2005 11:35
	MW-554D-20051028-01	Date Received :	28-OCT-2005
Sample Matrix:	WATER	Date Reported :	07-NOV-2005
Condition of Sample:	Satisfactory	Field Prep:	Field Filtered
Number & Type of Containers:	3-Plastic,4-Vial		

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Alkalinity, Total	88.	mg CaCO3/L2.0		30 2320B		1029 10:36	ED
Nitrogen, Nitrate	ND	mg/l	0.10	30 4500NO3-F		1029 11:12	ED
Nitrogen, Total Kjeldahl	ND	mg/l	0.30	30 4500N-C	1102 00:15	1104 12:23	AT
Phosphorus, Total	0.06	mg/l	0.01	30 4500P-E		1031 20:00	HS
Sulfate	32.	mg/l	10.	1 9038	1031 11:30	1031 11:30	JS
Total Organic Carbon	1.9	mg/l	0.50	1 9060		1102 07:31	DT
Dissolved Metals by MCP 6000/7000 series				60 6010B			
Iron, Dissolved	0.06	mg/l	0.05	60 6010B	1031 14:45	1101 13:43	RW
Manganese, Dissolved	0.24	mg/l	0.01	60 6010B	1031 14:45	1101 13:43	RW
Volatile Organics by MCP 8260B				60 8260B		1105 15:57	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				

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

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0513061-01
 MW-554D-20051028-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by MCP 8260B cont'd				60 8260B	1105	15:57	RY
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	1.0				
o-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	1.9	ug/l	0.50				
Dibromomethane	ND	ug/l	5.0				
1,2,3-Trichloropropane	ND	ug/l	5.0				
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	ND	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				
Bromochloromethane	ND	ug/l	2.5				
Tetrahydrofuran	ND	ug/l	10.				
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	ND	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	1.0				
Isopropylbenzene	ND	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
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				

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

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0513061-01
MW-554D-20051028-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by MCP 8260B cont'd				60 8260B	1105 15:57		RY
1,4-Dioxane	ND	ug/l	250				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	106.	%		70-130			
Toluene-d8	101.	%		70-130			
4-Bromofluorobenzene	106.	%		70-130			
Dibromofluoromethane	100.	%		70-130			

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

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

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

Laboratory Sample Number:	L0513061-02	Date Collected:	28-OCT-2005 09:55
	MW-554MA-20051028-01	Date Received :	28-OCT-2005
Sample Matrix:	WATER	Date Reported :	07-NOV-2005
Condition of Sample:	Satisfactory	Field Prep:	Field Filtered
Number & Type of Containers:	3-Plastic,4-Vial		

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Alkalinity, Total	46.	mg CaCO3/L2.0		30 2320B		1029 10:36	ED
Nitrogen, Nitrate	ND	mg/l	0.10	30 4500NO3-F		1029 11:13	ED
Nitrogen, Total Kjeldahl	ND	mg/l	0.30	30 4500N-C	1102 00:15	1104 12:29	AT
Phosphorus, Total	0.13	mg/l	0.01	30 4500P-E		1031 20:00	HS
Sulfate	30.	mg/l	10.	1 9038	1031 11:30	1031 11:30	JS
Total Organic Carbon	0.88	mg/l	0.50	1 9060		1102 07:31	DT
Dissolved Metals by MCP 6000/7000 series				60 6010B			
Iron, Dissolved	0.08	mg/l	0.05	60 6010B	1031 14:45	1101 13:47	RW
Manganese, Dissolved	0.19	mg/l	0.01	60 6010B	1031 14:45	1101 13:47	RW
Volatile Organics by MCP 8260B				60 8260B		1105 16:34	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				

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

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0513061-02
 MW-554MA-20051028-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by MCP 8260B cont'd				60 8260B	1105 16:34 RY		
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	1.0				
o-Xylene	ND	ug/l	1.0				
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	1.0				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	ND	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				
Bromochloromethane	ND	ug/l	2.5				
Tetrahydrofuran	ND	ug/l	10.				
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	ND	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	1.0				
Isopropylbenzene	ND	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
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				

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

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0513061-02
MW-554MA-20051028-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by MCP 8260B cont'd				60 8260B	1105 16:34		RY
1,4-Dioxane	ND	ug/l	250				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	105.	%		70-130			
Toluene-d8	100.	%		70-130			
4-Bromofluorobenzene	101.	%		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:	L0513061-03	Date Collected:	28-OCT-2005 11:45
	MW-554S-20051028-01	Date Received :	28-OCT-2005
Sample Matrix:	WATER	Date Reported :	07-NOV-2005
Condition of Sample:	Satisfactory	Field Prep:	None
Number & Type of Containers:	3-Plastic,4-Vial		

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Alkalinity, Total	160	mg CaCO3/L	5.0	30 2320B		1029 10:36	ED
Nitrogen, Nitrate	0.11	mg/l	0.10	30 4500NO3-F		1029 11:14	ED
Nitrogen, Total Kjeldahl	1.1	mg/l	0.30	30 4500N-C	1102 00:15	1104 12:30	AT
Phosphorus, Total	1.4	mg/l	0.05	30 4500P-E		1031 20:00	HS
Sulfate	76.	mg/l	25.	1 9038	1031 11:30	1031 11:30	JS
Total Organic Carbon	9.3	mg/l	5.0	1 9060		1102 07:31	DT
Dissolved Metals by MCP 6000/7000 series				60 6010B			
Iron, Dissolved	0.08	mg/l	0.05	60 6010B	1031 14:45	1101 13:50	RW
Manganese, Dissolved	ND	mg/l	0.01	60 6010B	1031 14:45	1101 13:50	RW
Volatile Organics by MCP 8260B				60 8260B		1105 17:12	RY
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	0.75				
Chloroform	0.97	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				

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

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0513061-03
 MW-554S-20051028-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by MCP 8260B cont'd				60 8260B		1105 17:12 RY	
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	1.0				
o-Xylene	ND	ug/l	1.0				
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	1.0				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	5.3	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				
Bromochloromethane	ND	ug/l	2.5				
Tetrahydrofuran	ND	ug/l	10.				
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	ND	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	1.0				
Isopropylbenzene	ND	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
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				

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

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0513061-03
MW-554S-20051028-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by MCP 8260B cont'd				60 8260B	1105 17:12 RY		
1,4-Dioxane	ND	ug/l	250				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	106.	%		70-130			
Toluene-d8	100.	%		70-130			
4-Bromofluorobenzene	97.0	%		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:	L0513061-04	Date Collected:	28-OCT-2005 10:45
	MW-554MB-20051028-01	Date Received :	28-OCT-2005
Sample Matrix:	WATER	Date Reported :	07-NOV-2005
Condition of Sample:	Satisfactory	Field Prep:	Field Filtered
Number & Type of Containers:	3-Plastic,4-Vial		

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Alkalinity, Total	57.	mg CaCO3/L2.0		30 2320B		1029 10:36	ED
Nitrogen, Nitrate	ND	mg/l	0.10	30 4500NO3-F		1029 11:15	ED
Nitrogen, Total Kjeldahl	ND	mg/l	0.30	30 4500N-C	1102 00:15	1104 12:31	AT
Phosphorus, Total	0.07	mg/l	0.01	30 4500P-E		1031 20:00	HS
Sulfate	29.	mg/l	10.	1 9038	1031 11:30	1031 11:30	JS
Total Organic Carbon	0.63	mg/l	0.50	1 9060		1102 07:31	DT
Dissolved Metals by MCP 6000/7000 series				60 6010B			
Iron, Dissolved	ND	mg/l	0.05	60 6010B	1031 14:45	1101 13:53	RW
Manganese, Dissolved	0.20	mg/l	0.01	60 6010B	1031 14:45	1101 13:53	RW
Volatile Organics by MCP 8260B				60 8260B		1105 17:49	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				

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

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0513061-04
 MW-554MB-20051028-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by MCP 8260B cont'd				60 8260B		1105 17:49 RY	
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	1.0				
o-Xylene	ND	ug/l	1.0				
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	1.0				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	ND	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				
Bromochloromethane	ND	ug/l	2.5				
Tetrahydrofuran	ND	ug/l	10.				
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	ND	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	1.0				
Isopropylbenzene	ND	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
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				

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

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0513061-04
MW-554MB-20051028-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by MCP 8260B cont'd				60 8260B	1105 17:49 RY		
1,4-Dioxane	ND	ug/l	250				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	106.	%		70-130			
Toluene-d8	101.	%		70-130			
4-Bromofluorobenzene	102.	%		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:	L0513061-05	Date Collected:	28-OCT-2005 11:10
	MW-555S-20051028-01	Date Received :	28-OCT-2005
Sample Matrix:	WATER	Date Reported :	07-NOV-2005
Condition of Sample:	Satisfactory	Field Prep:	Field Filtered
Number & Type of Containers:	3-Plastic,4-Vial		

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Alkalinity, Total	160	mg CaCO3/L	2.0	30 2320B		1029 10:36	ED
Nitrogen, Nitrate	ND	mg/l	0.10	30 4500NO3-F		1029 11:15	ED
Nitrogen, Total Kjeldahl	2.2	mg/l	0.30	30 4500N-C	1102 00:15	1104 12:31	AT
Phosphorus, Total	2.0	mg/l	0.05	30 4500P-E		1031 20:00	HS
Sulfate	130	mg/l	50.	1 9038	1031 11:30	1031 11:30	JS
Total Organic Carbon	5.6	mg/l	2.0	1 9060		1102 07:31	DT
Dissolved Metals by MCP 6000/7000 series				60 6010B			
Iron, Dissolved	0.13	mg/l	0.05	60 6010B	1031 14:45	1101 13:57	RW
Manganese, Dissolved	ND	mg/l	0.01	60 6010B	1031 14:45	1101 13:57	RW
Volatile Organics by MCP 8260B				60 8260B		1105 18:26	RY
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	0.75				
Chloroform	2.2	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				

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

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0513061-05
 MW-555S-20051028-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by MCP 8260B cont'd				60 8260B	1105 18:26 RY		
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	1.0				
o-Xylene	ND	ug/l	1.0				
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	1.0				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	5.2	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				
Bromochloromethane	ND	ug/l	2.5				
Tetrahydrofuran	ND	ug/l	10.				
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	ND	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	1.0				
Isopropylbenzene	ND	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
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				

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

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0513061-05
MW-555S-20051028-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by MCP 8260B cont'd				60 8260B	1105 18:26 RY		
1,4-Dioxane	ND	ug/l	250				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	104.	%		70-130			
Toluene-d8	99.0	%		70-130			
4-Bromofluorobenzene	100.	%		70-130			
Dibromofluoromethane	96.0	%		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:	L0513061-06	Date Collected:	28-OCT-2005 09:35
	MW-555MA-20051028-01	Date Received :	28-OCT-2005
Sample Matrix:	WATER	Date Reported :	07-NOV-2005
Condition of Sample:	Satisfactory	Field Prep:	Field Filtered
Number & Type of Containers:	3-Plastic,4-Vial		

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Alkalinity, Total	50.	mg CaCO3/L	2.0	30 2320B		1029 10:36	ED
Nitrogen, Nitrate	ND	mg/l	0.10	30 4500NO3-F		1029 11:16	ED
Nitrogen, Total Kjeldahl	0.40	mg/l	0.30	30 4500N-C	1102 00:15	1104 12:32	AT
Phosphorus, Total	0.53	mg/l	0.01	30 4500P-E		1031 20:00	HS
Sulfate	47.	mg/l	20.	1 9038	1031 11:30	1031 11:30	JS
Total Organic Carbon	0.97	mg/l	0.50	1 9060		1102 07:31	DT
Dissolved Metals by MCP 6000/7000 series				60 6010B			
Iron, Dissolved	0.47	mg/l	0.05	60 6010B	1031 14:45	1101 14:00	RW
Manganese, Dissolved	0.68	mg/l	0.01	60 6010B	1031 14:45	1101 14:00	RW
Volatile Organics by MCP 8260B				60 8260B		1105 19:04	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	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				

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

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0513061-06
 MW-555MA-20051028-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by MCP 8260B cont'd				60 8260B		1105 19:04 RY	
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	1.0				
o-Xylene	ND	ug/l	1.0				
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	1.0				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	ND	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				
Bromochloromethane	ND	ug/l	2.5				
Tetrahydrofuran	ND	ug/l	10.				
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	ND	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	1.0				
Isopropylbenzene	ND	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
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				

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

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0513061-06
MW-555MA-20051028-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by MCP 8260B cont'd				60 8260B	1105 19:04 RY		
1,4-Dioxane	ND	ug/l	250				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	108.	%		70-130			
Toluene-d8	98.0	%		70-130			
4-Bromofluorobenzene	103.	%		70-130			
Dibromofluoromethane	100.	%		70-130			

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

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

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

Laboratory Sample Number:	L0513061-07	Date Collected:	28-OCT-2005 09:50
	MW-555MB-20051028-01	Date Received :	28-OCT-2005
Sample Matrix:	WATER	Date Reported :	07-NOV-2005
Condition of Sample:	Satisfactory	Field Prep:	Field Filtered
Number & Type of Containers:	3-Plastic,4-Vial		

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Alkalinity, Total	61.	mg CaCO3/L2.0		30 2320B		1029 10:36	ED
Nitrogen, Nitrate	ND	mg/l	0.10	30 4500NO3-F		1029 11:20	ED
Nitrogen, Total Kjeldahl	0.55	mg/l	0.30	30 4500N-C	1102 22:30	1104 13:12	AT
Phosphorus, Total	0.68	mg/l	0.01	30 4500P-E		1031 20:00	HS
Sulfate	26.	mg/l	10.	1 9038	1031 11:30	1031 11:30	JS
Total Organic Carbon	1.4	mg/l	0.50	1 9060		1102 07:31	DT
Dissolved Metals by MCP 6000/7000 series				60 6010B			
Iron, Dissolved	ND	mg/l	0.05	60 6010B	1031 14:45	1101 14:04	RW
Manganese, Dissolved	0.16	mg/l	0.01	60 6010B	1031 14:45	1101 14:04	RW
Volatile Organics by MCP 8260B				60 8260B		1105 19:41	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				

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

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0513061-07
 MW-555MB-20051028-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by MCP 8260B cont'd				60 8260B		1105 19:41	RY
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	1.0				
o-Xylene	ND	ug/l	1.0				
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	1.0				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	ND	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				
Bromochloromethane	ND	ug/l	2.5				
Tetrahydrofuran	ND	ug/l	10.				
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	ND	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	1.0				
Isopropylbenzene	ND	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
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				

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

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0513061-07
MW-555MB-20051028-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by MCP 8260B cont'd				60 8260B	1105 19:41		RY
1,4-Dioxane	ND	ug/l	250				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	104.	%		70-130			
Toluene-d8	103.	%		70-130			
4-Bromofluorobenzene	102.	%		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:	L0513061-08	Date Collected:	28-OCT-2005 11:50
	MW-555D-20051028-01	Date Received :	28-OCT-2005
Sample Matrix:	WATER	Date Reported :	07-NOV-2005
Condition of Sample:	Satisfactory	Field Prep:	Field Filtered
Number & Type of Containers:	3-Plastic,4-Vial		

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Alkalinity, Total	150	mg CaCO3/L	2.0	30 2320B		1029 10:36	ED
Nitrogen, Nitrate	ND	mg/l	0.10	30 4500NO3-F		1029 11:21	ED
Nitrogen, Total Kjeldahl	ND	mg/l	0.30	30 4500N-C	1102 22:30	1104 13:13	AT
Phosphorus, Total	0.18	mg/l	0.01	30 4500P-E		1031 20:00	HS
Sulfate	49.	mg/l	20.	1 9038	1031 11:30	1031 11:30	JS
Total Organic Carbon	2.0	mg/l	0.50	1 9060		1102 07:31	DT
Dissolved Metals by MCP 6000/7000 series				60 6010B			
Iron, Dissolved	0.07	mg/l	0.05	60 6010B	1031 14:45	1101 14:19	RW
Manganese, Dissolved	0.11	mg/l	0.01	60 6010B	1031 14:45	1101 14:19	RW
Volatile Organics by MCP 8260B				60 8260B		1105 20:18	RY
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	0.75				
Chloroform	0.85	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				

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

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0513061-08
 MW-555D-20051028-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by MCP 8260B cont'd				60 8260B		1105 20:18 RY	
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	1.0				
o-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	1.1	ug/l	0.50				
Dibromomethane	ND	ug/l	5.0				
1,2,3-Trichloropropane	ND	ug/l	5.0				
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	ND	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				
Bromochloromethane	ND	ug/l	2.5				
Tetrahydrofuran	ND	ug/l	10.				
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	ND	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	1.0				
Isopropylbenzene	ND	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
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				

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

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0513061-08
MW-555D-20051028-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by MCP 8260B cont'd				60 8260B	1105 20:18 RY		
1,4-Dioxane	ND	ug/l	250				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	106.	%		70-130			
Toluene-d8	101.	%		70-130			
4-Bromofluorobenzene	102.	%		70-130			
Dibromofluoromethane	96.0	%		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:	L0513061-09	Date Collected:	28-OCT-2005 14:40
	MW-556S-20051028-01	Date Received :	28-OCT-2005
Sample Matrix:	WATER	Date Reported :	07-NOV-2005
Condition of Sample:	Satisfactory	Field Prep:	Field Filtered
Number & Type of Containers:	3-Plastic,4-Vial		

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Alkalinity, Total	140	mg CaCO3/L	5.0	30 2320B		1029 10:36	ED
Nitrogen, Nitrate	ND	mg/l	0.10	30 4500NO3-F		1029 11:21	ED
Nitrogen, Total Kjeldahl	1.1	mg/l	0.30	30 4500N-C	1102 22:30	1104 13:13	AT
Phosphorus, Total	0.66	mg/l	0.05	30 4500P-E		1031 20:00	HS
Sulfate	95.	mg/l	50.	1 9038	1031 11:30	1031 11:30	JS
Total Organic Carbon	15.	mg/l	5.0	1 9060		1102 07:31	DT
Dissolved Metals by MCP 6000/7000 series				60 6010B			
Iron, Dissolved	0.07	mg/l	0.05	60 6010B	1031 14:45	1101 14:23	RW
Manganese, Dissolved	0.05	mg/l	0.01	60 6010B	1031 14:45	1101 14:23	RW
Volatile Organics by MCP 8260B				60 8260B		1105 20:55	RY
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	0.75				
Chloroform	5.9	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				

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

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0513061-09
 MW-556S-20051028-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by MCP 8260B cont'd				60 8260B		1105 20:55 RY	
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	1.0				
o-Xylene	ND	ug/l	1.0				
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	1.0				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	6.1	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				
Bromochloromethane	ND	ug/l	2.5				
Tetrahydrofuran	ND	ug/l	10.				
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	ND	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	1.0				
Isopropylbenzene	ND	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
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				

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

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0513061-09
MW-556S-20051028-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by MCP 8260B cont'd				60 8260B	1105 20:55 RY		
1,4-Dioxane	ND	ug/l	250				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	105.	%		70-130			
Toluene-d8	102.	%		70-130			
4-Bromofluorobenzene	98.0	%		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:	L0513061-10	Date Collected:	28-OCT-2005 14:35
	MW-556M-20051028-01	Date Received :	28-OCT-2005
Sample Matrix:	WATER	Date Reported :	07-NOV-2005
Condition of Sample:	Satisfactory	Field Prep:	Field Filtered
Number & Type of Containers:	3-Plastic,8-Vial		

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Alkalinity, Total	47.	mg CaCO3/L	2.0	30 2320B		1029 10:36	ED
Nitrogen, Nitrate	ND	mg/l	0.10	30 4500NO3-F		1029 11:22	ED
Nitrogen, Total Kjeldahl	ND	mg/l	0.30	30 4500N-C	1102 22:30	1104 13:14	AT
Phosphorus, Total	0.14	mg/l	0.01	30 4500P-E		1031 20:00	HS
Sulfate	71.	mg/l	20.	1 9038	1031 11:30	1031 11:30	JS
Total Organic Carbon	5.5	mg/l	2.0	1 9060		1102 07:31	DT
Dissolved Metals by MCP 6000/7000 series				60 6010B			
Iron, Dissolved	0.09	mg/l	0.05	60 6010B	1031 14:45	1101 14:26	RW
Manganese, Dissolved	0.12	mg/l	0.01	60 6010B	1031 14:45	1101 14:26	RW
Volatile Organics by MCP 8260B				60 8260B		1105 21:32	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				

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

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0513061-10
 MW-556M-20051028-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by MCP 8260B cont'd				60 8260B	1105	21:32	RY
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	1.0				
o-Xylene	ND	ug/l	1.0				
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	1.0				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	ND	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				
Bromochloromethane	ND	ug/l	2.5				
Tetrahydrofuran	ND	ug/l	10.				
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	ND	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	1.0				
Isopropylbenzene	ND	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
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				

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

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0513061-10
MW-556M-20051028-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by MCP 8260B cont'd				60 8260B	1105 21:32 RY		
1,4-Dioxane	ND	ug/l	250				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	102.	%		70-130			
Toluene-d8	101.	%		70-130			
4-Bromofluorobenzene	100.	%		70-130			
Dibromofluoromethane	96.0	%		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: L0513061-11	Date Collected: 28-OCT-2005 15:15
MW-556D-20051028-01	Date Received : 28-OCT-2005
Sample Matrix: WATER	Date Reported : 07-NOV-2005
Condition of Sample: Satisfactory	Field Prep: Field Filtered
Number & Type of Containers: 3-Plastic,4-Vial	

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Alkalinity, Total	60.	mg CaCO3/L2.0		30 2320B		1029 10:36	ED
Nitrogen, Nitrate	ND	mg/l	0.10	30 4500NO3-F		1029 11:23	ED
Nitrogen, Total Kjeldahl	ND	mg/l	0.30	30 4500N-C	1102 22:30	1104 13:19	AT
Phosphorus, Total	0.07	mg/l	0.01	30 4500P-E		1031 20:00	HS
Sulfate	28.	mg/l	10.	1 9038	1031 11:30	1031 11:30	JS
Total Organic Carbon	ND	mg/l	0.50	1 9060		1102 07:31	DT
Dissolved Metals by MCP 6000/7000 series				60 6010B			
Iron, Dissolved	0.06	mg/l	0.05	60 6010B	1031 14:45	1101 14:30	RW
Manganese, Dissolved	0.22	mg/l	0.01	60 6010B	1031 14:45	1101 14:30	RW
Volatile Organics by MCP 8260B				60 8260B		1105 23:23	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				

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

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0513061-11
MW-556D-20051028-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by MCP 8260B cont'd				60 8260B		1105 23:23 RY	
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	1.0				
o-Xylene	ND	ug/l	1.0				
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	1.0				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	ND	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				
Bromochloromethane	ND	ug/l	2.5				
Tetrahydrofuran	ND	ug/l	10.				
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	ND	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	1.0				
Isopropylbenzene	ND	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
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				

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

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0513061-11
MW-556D-20051028-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by MCP 8260B cont'd				60 8260B	1105 23:23		RY
1,4-Dioxane	ND	ug/l	250				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	101.	%		70-130			
Toluene-d8	102.	%		70-130			
4-Bromofluorobenzene	105.	%		70-130			
Dibromofluoromethane	96.0	%		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:	L0513061-12	Date Collected:	28-OCT-2005 00:00
	DUP-001-20051028-01	Date Received :	28-OCT-2005
Sample Matrix:	WATER	Date Reported :	07-NOV-2005
Condition of Sample:	Satisfactory	Field Prep:	Field Filtered
Number & Type of Containers:	3-Plastic,4-Vial		

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Alkalinity, Total	60.	mg CaCO3/L2.0		30 2320B		1029 10:36	ED
Nitrogen, Nitrate	ND	mg/l	0.10	30 4500NO3-F		1029 11:23	ED
Nitrogen, Total Kjeldahl	ND	mg/l	0.30	30 4500N-C	1102 22:30	1104 13:20	AT
Phosphorus, Total	0.08	mg/l	0.01	30 4500P-E		1031 20:00	HS
Sulfate	28.	mg/l	10.	1 9038	1031 11:30	1031 11:30	JS
Total Organic Carbon	ND	mg/l	0.50	1 9060		1102 07:31	DT
Dissolved Metals by MCP 6000/7000 series				60 6010B			
Iron, Dissolved	0.08	mg/l	0.05	60 6010B	1031 14:45	1101 14:33	RW
Manganese, Dissolved	0.22	mg/l	0.01	60 6010B	1031 14:45	1101 14:33	RW
Volatile Organics by MCP 8260B				60 8260B		1105 23:59	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				

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

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0513061-12
 DUP-001-20051028-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by MCP 8260B cont'd				60 8260B		1105 23:59 RY	
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	1.0				
o-Xylene	ND	ug/l	1.0				
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	1.0				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	ND	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				
Bromochloromethane	ND	ug/l	2.5				
Tetrahydrofuran	ND	ug/l	10.				
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	ND	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	1.0				
Isopropylbenzene	ND	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
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				

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

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L0513061-12
DUP-001-20051028-01

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Volatile Organics by MCP 8260B cont'd				60 8260B	1105 23:59 RY		
1,4-Dioxane	ND	ug/l	250				
Surrogate(s)	Recovery			QC Criteria			
1,2-Dichloroethane-d4	101.	%		70-130			
Toluene-d8	101.	%		70-130			
4-Bromofluorobenzene	105.	%		70-130			
Dibromofluoromethane	97.0	%		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: L0513061

Parameter	Value 1	Value 2	Units	RPD	RPD Limits
Alkalinity, Total for sample(s) 01-12 (L0513016-05, WG219056-4)					
Alkalinity, Total	3.3	3.3	mg CaCO3/L	0	4
Nitrogen, Nitrate for sample(s) 01-12 (L0513061-12, WG219049-4)					
Nitrogen, Nitrate	ND	ND	mg/l	NC	6
Nitrogen, Total Kjeldahl for sample(s) 01-06 (L0513061-06, WG219343-4)					
Nitrogen, Total Kjeldahl	0.40	0.36	mg/l	11	
Nitrogen, Total Kjeldahl for sample(s) 07-12 (L0513061-12, WG219462-4)					
Nitrogen, Total Kjeldahl	ND	ND	mg/l	NC	
Phosphorus, Total for sample(s) 01-12 (L0513061-03, WG219186-3)					
Phosphorus, Total	1.4	1.4	mg/l	0	
Sulfate for sample(s) 01-12 (L0513016-03, WG219137-3)					
Sulfate	ND	ND	mg/l	NC	14
Total Organic Carbon for sample(s) 01-12 (L0513061-09, WG219421-4)					
Total Organic Carbon	15.	15.	mg/l	0	6

**ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH SPIKE ANALYSES**

Laboratory Job Number: L0513061

Parameter	% Recovery	QC Criteria
Alkalinity, Total LCS for sample(s) 01-12 (WG219056-2)		
Alkalinity, Total	100	85-115
Nitrogen, Nitrate LCS for sample(s) 01-12 (WG219049-2)		
Nitrogen, Nitrate	100	88-105
Nitrogen, Total Kjeldahl LCS for sample(s) 01-06 (WG219343-2)		
Nitrogen, Total Kjeldahl	102	
Nitrogen, Total Kjeldahl LCS for sample(s) 07-12 (WG219462-2)		
Nitrogen, Total Kjeldahl	102	
Phosphorus, Total LCS for sample(s) 01-12 (WG219186-2)		
Phosphorus, Total	99	
Sulfate LCS for sample(s) 01-12 (WG219137-2)		
Sulfate	105	84-108
Total Organic Carbon LCS for sample(s) 01-12 (WG219421-2)		
Total Organic Carbon	92	88-115
Alkalinity, Total SPIKE for sample(s) 01-12 (L0513016-05, WG219056-3)		
Alkalinity, Total	100	86-116
Nitrogen, Nitrate SPIKE for sample(s) 01-12 (L0513061-01, WG219049-3)		
Nitrogen, Nitrate	102	83-120
Nitrogen, Total Kjeldahl SPIKE for sample(s) 01-06 (L0513061-01, WG219343-3)		
Nitrogen, Total Kjeldahl	96	
Nitrogen, Total Kjeldahl SPIKE for sample(s) 07-12 (L0513061-10, WG219462-3)		
Nitrogen, Total Kjeldahl	94	
Phosphorus, Total SPIKE for sample(s) 01-12 (L0513061-01, WG219186-4)		
Phosphorus, Total	98	
Sulfate SPIKE for sample(s) 01-12 (L0513016-03, WG219137-4)		
Sulfate	140	55-147
Total Organic Carbon SPIKE for sample(s) 01-12 (L0513061-09, WG219421-3)		
Total Organic Carbon	100	79-120

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH LCS/LCSD ANALYSIS

Laboratory Job Number: L0513061

Parameter	LCS %	LCSD %	RPD	RPD Limit	QC Limits
Dissolved Metals by MCP 6000/7000 series for sample(s) 01-12 (WG219162-2, WG219162-3)					
Iron, Dissolved	94	93	1	20	80-120
Manganese, Dissolved	102	100	2	20	80-120
Volatile Organics by MCP 8260B for sample(s) 11-12 (WG219848-1, WG219848-2)					
Methylene chloride	93	90	3	25	70-130
1,1-Dichloroethane	102	94	8	25	70-130
Chloroform	100	90	11	25	70-130
Carbon tetrachloride	103	96	7	25	70-130
1,2-Dichloropropane	103	97	6	25	70-130
Dibromochloromethane	95	90	5	25	70-130
1,1,2-Trichloroethane	103	96	7	25	70-130
Tetrachloroethene	103	95	8	25	70-130
Chlorobenzene	106	99	7	25	70-130
Trichlorofluoromethane	109	99	10	25	70-130
1,2-Dichloroethane	102	97	5	25	70-130
1,1,1-Trichloroethane	103	94	9	25	70-130
Bromodichloromethane	101	95	6	25	70-130
trans-1,3-Dichloropropene	93	88	6	25	70-130
cis-1,3-Dichloropropene	90	86	5	25	70-130
1,1-Dichloropropene	109	99	10	25	70-130
Bromoform	90	90	0	50	70-130
1,1,2,2-Tetrachloroethane	102	102	0	25	70-130
Benzene	102	93	9	25	70-130
Toluene	107	97	10	25	70-130
Ethylbenzene	108	101	7	25	70-130
Chloromethane	102	96	6	50	70-130
Bromomethane	72	80	11	50	70-130
Vinyl chloride	105	98	7	25	70-130
Chloroethane	84	82	2	25	70-130
1,1-Dichloroethene	98	87	12	25	70-130
trans-1,2-Dichloroethene	97	90	7	25	70-130
Trichloroethene	102	94	8	25	70-130
1,2-Dichlorobenzene	103	98	5	25	70-130
1,3-Dichlorobenzene	104	98	6	25	70-130
1,4-Dichlorobenzene	99	95	4	25	70-130
Methyl tert butyl ether	78	74	5	25	70-130
p/m-Xylene	110	102	8	25	70-130
o-Xylene	109	102	7	25	70-130
cis-1,2-Dichloroethene	107	100	7	25	70-130
Dibromomethane	103	95	8	25	70-130
1,2,3-Trichloropropane	111	112	1	25	70-130
Styrene	109	102	7	25	70-130
Dichlorodifluoromethane	126	114	10	50	70-130
Acetone	82	85	4	50	70-130
Carbon disulfide	74	70	6	25	70-130
2-Butanone	92	92	0	50	70-130
4-Methyl-2-pentanone	94	87	8	50	70-130
2-Hexanone	93	90	3	50	70-130

ALPHA ANALYTICAL LABORATORIES
 QUALITY ASSURANCE BATCH LCS/LCSD ANALYSIS

Laboratory Job Number: L0513061

Continued

Parameter	LCS %	LCSD %	RPD	RPD Limit	QC Limits
Volatile Organics by MCP 8260B for sample(s) 11-12 (WG219848-1, WG219848-2)					
Bromochloromethane	100	93	7	25	70-130
Tetrahydrofuran	80	83	4	25	70-130
2,2-Dichloropropane	81	75	8	50	70-130
1,2-Dibromoethane	105	101	4	25	70-130
1,3-Dichloropropane	102	98	4	25	70-130
1,1,1,2-Tetrachloroethane	107	99	8	25	70-130
Bromobenzene	102	100	2	25	70-130
n-Butylbenzene	107	101	6	25	70-130
sec-Butylbenzene	109	104	5	25	70-130
tert-Butylbenzene	106	102	4	25	70-130
o-Chlorotoluene	104	99	5	25	70-130
p-Chlorotoluene	103	97	6	25	70-130
1,2-Dibromo-3-chloropropane	94	92	2	50	70-130
Hexachlorobutadiene	95	96	1	25	70-130
Isopropylbenzene	119	109	9	25	70-130
p-Isopropyltoluene	110	105	5	25	70-130
Naphthalene	100	98	2	25	70-130
n-Propylbenzene	107	102	5	25	70-130
1,2,3-Trichlorobenzene	98	96	2	25	70-130
1,2,4-Trichlorobenzene	94	93	1	25	70-130
1,3,5-Trimethylbenzene	104	100	4	25	70-130
1,2,4-Trimethylbenzene	103	99	4	25	70-130
Ethyl ether	83	76	9	25	70-130
Isopropyl Ether	92	87	6	25	70-130
Ethyl-Tert-Butyl-Ether	85	81	5	25	70-130
Tertiary-Amyl Methyl Ether	83	81	2	25	70-130
1,4-Dioxane	84	85	1	50	70-130
Surrogate(s)					
1,2-Dichloroethane-d4	100	100	0		70-130
Toluene-d8	101	102	1		70-130
4-Bromofluorobenzene	99	101	2		70-130
Dibromofluoromethane	95	96	1		70-130

**ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS**

Laboratory Job Number: L0513061

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 01-12 (WG219056-1)							
Alkalinity, Total	ND	mg CaCO3/L2.0		30 2320B		1029 10:36	ED
Blank Analysis for sample(s) 01-12 (WG219049-1)							
Nitrogen, Nitrate	ND	mg/l	0.10	30 4500NO3-F		1029 11:12	ED
Blank Analysis for sample(s) 01-06 (WG219343-1)							
Nitrogen, Total Kjeldahl	ND	mg/l	0.10	30 4500N-C	1102 00:15	1104 12:20	AT
Blank Analysis for sample(s) 07-12 (WG219462-1)							
Nitrogen, Total Kjeldahl	ND	mg/l	0.10	30 4500N-C	1102 22:30	1104 12:55	AT
Blank Analysis for sample(s) 01-12 (WG219186-1)							
Phosphorus, Total	ND	mg/l	0.01	30 4500P-E		1031 20:00	HS
Blank Analysis for sample(s) 01-12 (WG219137-1)							
Sulfate	ND	mg/l	10.	1 9038	1031 11:30	1031 11:30	JS
Blank Analysis for sample(s) 01-12 (WG219421-1)							
Total Organic Carbon	ND	mg/l	0.50	1 9060		1102 07:31	DT
Blank Analysis for sample(s) 01-12 (WG219162-1)							
Dissolved Metals by MCP 6000/7000 series				60 6010B			
Iron, Dissolved	ND	mg/l	0.05	60 6010B	1031 14:45	1101 13:00	RW
Manganese, Dissolved	ND	mg/l	0.01	60 6010B	1031 14:45	1101 13:00	RW
Blank Analysis for sample(s) 01-12 (WG219848-3)							
Volatile Organics by MCP 8260B				60 8260B	1105 14:04 RY		
Methylene chloride	10.	ug/l	5.0				
1,1-Dichloroethane	10.	ug/l	0.75				
Chloroform	9.8	ug/l	0.75				
Carbon tetrachloride	9.8	ug/l	0.50				
1,2-Dichloropropane	10.	ug/l	1.8				
Dibromochloromethane	9.8	ug/l	0.50				
1,1,2-Trichloroethane	11.	ug/l	0.75				
Tetrachloroethene	10.	ug/l	0.50				
Chlorobenzene	11.	ug/l	0.50				
Trichlorofluoromethane	11.	ug/l	2.5				
1,2-Dichloroethane	10.	ug/l	0.50				
1,1,1-Trichloroethane	10.	ug/l	0.50				

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0513061

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 01-12 (WG219848-3)							
Volatile Organics by MCP 8260B cont'd				60 8260B		1105 14:04	RY
Bromodichloromethane	9.9	ug/l	0.50				
trans-1,3-Dichloropropene	9.8	ug/l	0.50				
cis-1,3-Dichloropropene	9.6	ug/l	0.50				
1,1-Dichloropropene	10.	ug/l	2.5				
Bromoform	9.7	ug/l	2.0				
1,1,2,2-Tetrachloroethane	11.	ug/l	0.50				
Benzene	10.	ug/l	0.50				
Toluene	11.	ug/l	0.75				
Ethylbenzene	11.	ug/l	0.50				
Chloromethane	11.	ug/l	2.5				
Bromomethane	11.	ug/l	1.0				
Vinyl chloride	11.	ug/l	1.0				
Chloroethane	10.	ug/l	1.0				
1,1-Dichloroethene	10.	ug/l	0.50				
trans-1,2-Dichloroethene	10.	ug/l	0.75				
Trichloroethene	10.	ug/l	0.50				
1,2-Dichlorobenzene	11.	ug/l	2.5				
1,3-Dichlorobenzene	11.	ug/l	2.5				
1,4-Dichlorobenzene	11.	ug/l	2.5				
Methyl tert butyl ether	8.9	ug/l	1.0				
p/m-Xylene	22.	ug/l	1.0				
o-Xylene	22.	ug/l	1.0				
cis-1,2-Dichloroethene	11.	ug/l	0.50				
Dibromomethane	11.	ug/l	5.0				
1,2,3-Trichloropropane	13.	ug/l	5.0				
Styrene	23.	ug/l	1.0				
Dichlorodifluoromethane	13.	ug/l	5.0				
Acetone	10.	ug/l	5.0				
Carbon disulfide	7.7	ug/l	5.0				
2-Butanone	10.	ug/l	5.0				
4-Methyl-2-pentanone	11.	ug/l	5.0				
2-Hexanone	10.	ug/l	5.0				
Bromochloromethane	11.	ug/l	2.5				
Tetrahydrofuran	ND	ug/l	10.				
2,2-Dichloropropane	9.9	ug/l	2.5				
1,2-Dibromoethane	11.	ug/l	2.0				
1,3-Dichloropropane	10.	ug/l	2.5				
1,1,1,2-Tetrachloroethane	10.	ug/l	0.50				
Bromobenzene	11.	ug/l	2.5				
n-Butylbenzene	11.	ug/l	0.50				
sec-Butylbenzene	11.	ug/l	0.50				
tert-Butylbenzene	11.	ug/l	2.5				
o-Chlorotoluene	11.	ug/l	2.5				
p-Chlorotoluene	11.	ug/l	2.5				
1,2-Dibromo-3-chloropropane	10.	ug/l	2.5				
Hexachlorobutadiene	10.	ug/l	1.0				

ALPHA ANALYTICAL LABORATORIES
 QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0513061

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE		ID
					PREP	ANAL	
Blank Analysis for sample(s) 01-12 (WG219848-3)							
Volatile Organics by MCP 8260B	cont'd			60 8260B		1105 14:04	RY
Isopropylbenzene	12.	ug/l	0.50				
p-Isopropyltoluene	11.	ug/l	0.50				
Naphthalene	9.9	ug/l	2.5				
n-Propylbenzene	11.	ug/l	0.50				
1,2,3-Trichlorobenzene	10.	ug/l	2.5				
1,2,4-Trichlorobenzene	9.9	ug/l	2.5				
1,3,5-Trimethylbenzene	11.	ug/l	2.5				
1,2,4-Trimethylbenzene	11.	ug/l	2.5				
Ethyl ether	9.5	ug/l	2.5				
Isopropyl Ether	9.8	ug/l	2.0				
Ethyl-Tert-Butyl-Ether	9.1	ug/l	2.0				
Tertiary-Amyl Methyl Ether	8.9	ug/l	2.0				
1,4-Dioxane	1100	ug/l	250				
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	105.	%	70-130				
Toluene-d8	102.	%	70-130				
4-Bromofluorobenzene	100.	%	70-130				
Dibromofluoromethane	101.	%	70-130				

**ALPHA ANALYTICAL LABORATORIES
ADDENDUM I**

REFERENCES

1. Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.
30. Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.
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: L0513061

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
L0513061-01A	Vial HCl preserved	A	N/A	2.0 C	Y	Absent	MCP-8260-04
L0513061-01B	Vial HCl preserved	A	N/A	2.0 C	Y	Absent	MCP-8260-04
L0513061-01C	Vial H2SO4 preserved	A	N/A	2.0 C	Y	Absent	TOC-9060
L0513061-01D	Vial H2SO4 preserved	A	N/A	2.0 C	Y	Absent	TOC-9060
L0513061-01E	Plastic 250ml HNO3 preserved	B	<2	2.3 C	Y	Absent	MCP-FE-6010S, MCP-MN-6010S
L0513061-01F	Plastic 500ml H2SO4 preserved	B	<2	2.3 C	Y	Absent	TKN-4500, TPHOS-4500
L0513061-01G	Plastic 500ml unpreserved	B	=7	2.3 C	Y	Absent	ALK-T-2320, NO3-4500, SO4-9038
L0513061-02A	Vial HCl preserved	A	N/A	2.0 C	Y	Absent	MCP-8260-04
L0513061-02B	Vial HCl preserved	A	N/A	2.0 C	Y	Absent	MCP-8260-04
L0513061-02C	Vial H2SO4 preserved	A	N/A	2.0 C	Y	Absent	TOC-9060
L0513061-02D	Vial H2SO4 preserved	A	N/A	2.0 C	Y	Absent	TOC-9060
L0513061-02E	Plastic 250ml HNO3 preserved	B	<2	2.3 C	Y	Absent	MCP-FE-6010S, MCP-MN-6010S
L0513061-02F	Plastic 500ml H2SO4 preserved	B	<2	2.3 C	Y	Absent	TKN-4500, TPHOS-4500
L0513061-02G	Plastic 500ml unpreserved	B	=7	2.3 C	Y	Absent	ALK-T-2320, NO3-4500, SO4-9038
L0513061-03A	Vial HCl preserved	A	N/A	2.0 C	Y	Absent	MCP-8260-04
L0513061-03B	Vial HCl preserved	A	N/A	2.0 C	Y	Absent	MCP-8260-04
L0513061-03C	Vial H2SO4 preserved	A	N/A	2.0 C	Y	Absent	TOC-9060
L0513061-03D	Vial H2SO4 preserved	A	N/A	2.0 C	Y	Absent	TOC-9060
L0513061-03E	Plastic 250ml HNO3 preserved	B	<2	2.3 C	Y	Absent	MCP-FE-6010S, MCP-MN-6010S
L0513061-03F	Plastic 500ml H2SO4 preserved	B	<2	2.3 C	Y	Absent	TKN-4500, TPHOS-4500
L0513061-03G	Plastic 500ml unpreserved	B	=7	2.3 C	Y	Absent	ALK-T-2320, NO3-4500, SO4-9038
L0513061-04A	Vial HCl preserved	A	N/A	2.0 C	Y	Absent	MCP-8260-04
L0513061-04B	Vial HCl preserved	A	N/A	2.0 C	Y	Absent	MCP-8260-04
L0513061-04C	Vial H2SO4 preserved	A	N/A	2.0 C	Y	Absent	TOC-9060
L0513061-04D	Vial H2SO4 preserved	A	N/A	2.0 C	Y	Absent	TOC-9060
L0513061-04E	Plastic 250ml HNO3 preserved	B	<2	2.3 C	Y	Absent	MCP-FE-6010S, MCP-MN-6010S
L0513061-04F	Plastic 500ml H2SO4 preserved	B	<2	2.3 C	Y	Absent	TKN-4500, TPHOS-4500
L0513061-04G	Plastic 500ml unpreserved	B	=7	2.3 C	Y	Absent	ALK-T-2320, NO3-4500, SO4-9038
L0513061-05A	Vial HCl preserved	A	N/A	2.0 C	Y	Absent	MCP-8260-04
L0513061-05B	Vial HCl preserved	A	N/A	2.0 C	Y	Absent	MCP-8260-04
L0513061-05C	Vial H2SO4 preserved	A	N/A	2.0 C	Y	Absent	TOC-9060
L0513061-05D	Vial H2SO4 preserved	A	N/A	2.0 C	Y	Absent	TOC-9060
L0513061-05E	Plastic 250ml HNO3 preserved	B	<2	2.3 C	Y	Absent	MCP-FE-6010S, MCP-MN-6010S
L0513061-05F	Plastic 500ml H2SO4 preserved	B	<2	2.3 C	Y	Absent	TKN-4500, TPHOS-4500
L0513061-05G	Plastic 500ml unpreserved	B	=7	2.3 C	Y	Absent	ALK-T-2320, NO3-4500, SO4-9038
L0513061-06A	Vial HCl preserved	A	N/A	2.0 C	Y	Absent	MCP-8260-04
L0513061-06B	Vial HCl preserved	A	N/A	2.0 C	Y	Absent	MCP-8260-04
L0513061-06C	Vial H2SO4 preserved	A	N/A	2.0 C	Y	Absent	TOC-9060
L0513061-06D	Vial H2SO4 preserved	A	N/A	2.0 C	Y	Absent	TOC-9060
L0513061-06E	Plastic 250ml HNO3 preserved	B	<2	2.3 C	Y	Absent	MCP-FE-6010S, MCP-MN-6010S

ALPHA ANALYTICAL LABORATORIES
LOGIN SPECIFIC INFORMATION

Laboratory Job Number: L0513061

Continued

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0513061-06F	Plastic 500ml H2SO4 preserved	B	<2	2.3 C	Y	Absent	TKN-4500, TPHOS-4500
L0513061-06G	Plastic 500ml unpreserved	B	=7	2.3 C	Y	Absent	ALK-T-2320, NO3-4500, SO4-9038
L0513061-07A	Vial HCl preserved	A	N/A	2.0 C	Y	Absent	MCP-8260-04
L0513061-07B	Vial HCl preserved	A	N/A	2.0 C	Y	Absent	MCP-8260-04
L0513061-07C	Vial H2SO4 preserved	A	N/A	2.0 C	Y	Absent	TOC-9060
L0513061-07D	Vial H2SO4 preserved	A	N/A	2.0 C	Y	Absent	TOC-9060
L0513061-07E	Plastic 250ml HNO3 preserved	B	<2	2.3 C	Y	Absent	MCP-FE-6010S, MCP-MN-6010S
L0513061-07F	Plastic 500ml H2SO4 preserved	B	<2	2.3 C	Y	Absent	TKN-4500, TPHOS-4500
L0513061-07G	Plastic 500ml unpreserved	B	=7	2.3 C	Y	Absent	ALK-T-2320, NO3-4500, SO4-9038
L0513061-08A	Vial HCl preserved	A	N/A	2.0 C	Y	Absent	MCP-8260-04
L0513061-08B	Vial HCl preserved	A	N/A	2.0 C	Y	Absent	MCP-8260-04
L0513061-08C	Vial H2SO4 preserved	A	N/A	2.0 C	Y	Absent	TOC-9060
L0513061-08D	Vial H2SO4 preserved	A	N/A	2.0 C	Y	Absent	TOC-9060
L0513061-08E	Plastic 250ml HNO3 preserved	B	<2	2.3 C	Y	Absent	MCP-FE-6010S, MCP-MN-6010S
L0513061-08F	Plastic 500ml H2SO4 preserved	B	<2	2.3 C	Y	Absent	TKN-4500, TPHOS-4500
L0513061-08G	Plastic 500ml unpreserved	B	=7	2.3 C	Y	Absent	ALK-T-2320, NO3-4500, SO4-9038
L0513061-09A	Vial HCl preserved	A	N/A	2.0 C	Y	Absent	MCP-8260-04
L0513061-09B	Vial HCl preserved	A	N/A	2.0 C	Y	Absent	MCP-8260-04
L0513061-09C	Vial H2SO4 preserved	A	N/A	2.0 C	Y	Absent	TOC-9060
L0513061-09D	Vial H2SO4 preserved	A	N/A	2.0 C	Y	Absent	TOC-9060
L0513061-09E	Plastic 250ml HNO3 preserved	B	<2	2.3 C	Y	Absent	MCP-FE-6010S, MCP-MN-6010S
L0513061-09F	Plastic 500ml H2SO4 preserved	B	<2	2.3 C	Y	Absent	TKN-4500, TPHOS-4500
L0513061-09G	Plastic 500ml unpreserved	B	=7	2.3 C	Y	Absent	ALK-T-2320, NO3-4500, SO4-9038
L0513061-10A	Vial HCl preserved	A	N/A	2.0 C	Y	Absent	MCP-8260-04
L0513061-10B	Vial HCl preserved	A	N/A	2.0 C	Y	Absent	MCP-8260-04
L0513061-10C	Vial H2SO4 preserved	A	N/A	2.0 C	Y	Absent	TOC-9060
L0513061-10D	Vial H2SO4 preserved	A	N/A	2.0 C	Y	Absent	TOC-9060
L0513061-10E	Plastic 250ml HNO3 preserved	B	<2	2.3 C	Y	Absent	MCP-FE-6010S, MCP-MN-6010S
L0513061-10F	Plastic 500ml H2SO4 preserved	B	<2	2.3 C	Y	Absent	TKN-4500, TPHOS-4500
L0513061-10G	Plastic 500ml unpreserved	B	=7	2.3 C	Y	Absent	ALK-T-2320, NO3-4500, SO4-9038
L0513061-10O	Vial HCl preserved	A	N/A	2.0 C	Y	Absent	MCP-8260-04
L0513061-10P	Vial HCl preserved	A	N/A	2.0 C	Y	Absent	MCP-8260-04
L0513061-10Q	Vial HCl preserved	A	N/A	2.0 C	Y	Absent	MCP-8260-04
L0513061-10R	Vial HCl preserved	A	N/A	2.0 C	Y	Absent	MCP-8260-04
L0513061-11A	Vial HCl preserved	A	N/A	2.0 C	Y	Absent	MCP-8260-04
L0513061-11B	Vial HCl preserved	A	N/A	2.0 C	Y	Absent	MCP-8260-04
L0513061-11C	Vial H2SO4 preserved	A	N/A	2.0 C	Y	Absent	TOC-9060
L0513061-11D	Vial H2SO4 preserved	A	N/A	2.0 C	Y	Absent	TOC-9060
L0513061-11E	Plastic 250ml HNO3 preserved	B	<2	2.3 C	Y	Absent	MCP-FE-6010S, MCP-MN-6010S
L0513061-11F	Plastic 500ml H2SO4 preserved	B	<2	2.3 C	Y	Absent	TKN-4500, TPHOS-4500
L0513061-11G	Plastic 500ml unpreserved	B	=7	2.3 C	Y	Absent	ALK-T-2320, NO3-4500, SO4-9038
L0513061-12A	Vial HCl preserved	A	N/A	2.0 C	Y	Absent	MCP-8260-04
L0513061-12B	Vial HCl preserved	A	N/A	2.0 C	Y	Absent	MCP-8260-04
L0513061-12C	Vial H2SO4 preserved	A	N/A	2.0 C	Y	Absent	TOC-9060
L0513061-12D	Vial H2SO4 preserved	A	N/A	2.0 C	Y	Absent	TOC-9060
L0513061-12E	Plastic 250ml HNO3 preserved	B	<2	2.3 C	Y	Absent	MCP-FE-6010S, MCP-MN-6010S
L0513061-12F	Plastic 500ml H2SO4 preserved	B	<2	2.3 C	Y	Absent	TKN-4500, TPHOS-4500
L0513061-12G	Plastic 500ml unpreserved	B	=7	2.3 C	Y	Absent	ALK-T-2320, NO3-4500, SO4-9038

ALPHA ANALYTICAL LABORATORIES
LOGIN SPECIFIC INFORMATION

Laboratory Job Number: L0513061

Continued

Container ID	Container Type	Cooler pH	Temp	Pres Seal	Analysis
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Container Comments

Container ID	Comments
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CHAIN OF CUSTODY

PAGE 1 OF 2

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

Client Information

Client: ERM
Address: 399 Baylston St
Poston St
017-646-7500
Phone: 417-646-7500
Fax:
Email:

Project Information

Project Name: Raytheon Wayland
Project Location: Wayland MA
Project #: 008040
Project Manager: J Pirard
ALPHA Quote #:
Turn-Around Time

Standard RUSH (only confirmed if pre-approved)
Date Due: 11/4 Time:

These samples have been previously analyzed by Alpha
Other Project Specific Requirements/Comments/Detection Limits:
* Field Filled

Date Rec'd In Lab: 10/28

Report Information - Data Deliverables

FAX EMAIL
 ADDEX Add'l Deliverables

ALPHA Job #: 2013061

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?

ANALYSIS

8260 VOCs
NO3, SO4, Alkalinity
Diss. Fe & Mn *
TOC
Methane, Ethane, Ethanol
TKN, T-Phosphorus

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		Sample Matrix	Sampler's Initials	Container Type		Date/Time	Date/Time
		Date	Time			Preservative	Preservative		
9061	MW-554D-20051028-01	10/28/05	11:35	GW	CR	V	V	10/28/05 16:55	10/28/05 16:55
2	MW-554MG-20051028-01	10/28/05	9:55	GW	CR	V	V	10/28/05 11:45	10/28/05 11:45
3	MW-554S-20051028-01	10/28/05	11:45	GW	CB	V	V	10/28/05 14:40	10/28/05 14:40
4	MW-554MD-20051028-01	10/28/05	10:45	GW	CB	V	V	10/28/05 14:35	10/28/05 14:35
5	MW-555-20051028-01	10/28/05	11:10	GW	UR	V	V	10/28/05 14:35	10/28/05 14:35
6	MW-555MA-20051028-01	10/28/05	9:35	GW	UR	V	V	10/28/05 14:35	10/28/05 14:35
7	MW-555MB-20051028-01	10/28/05	9:50	GW	JN	V	V	10/28/05 14:35	10/28/05 14:35
8	MW-555D-20051028-01	10/28/05	11:55	GW	JN	V	V	10/28/05 14:35	10/28/05 14:35
9	MW-556S-20051028-01	10/28/05	14:40	GW	CB	V	V	10/28/05 14:35	10/28/05 14:35
10	MW-556N-20051028-01	10/28/05	14:35	GW	JN	V	V	10/28/05 14:35	10/28/05 14:35

QUESTIONS ABOVE MUST BE ANSWERED FOR PRESUMPTIVE CERTAINTY

IS YOUR PROJECT MCP ?

Requested By:

Date/Time

Received By:

Date/Time

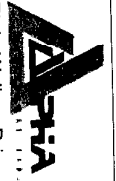
[Signature]

10/28/05 16:55

[Signature]

10/28/05 16:55

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.



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

CHAIN OF CUSTODY

PAGE 2 OF 2

Client Information

Client: ERN

Address: 399 Baylston St

Phone: 617 646-7800

Fax:

Email:

Project Information

Project Name: KATHLEEN WAYLAWEL

Project Location: WAYLAWEL PH

Project #: 008046

Project Manager: J. Pizaro

ALPHA Quote #:

Turn-Around Time

Standard

RUSH (only confirmed if pre-approved)

Date Due: 11/4 Time:

Date Rec'd in Lab:

10/28

ALPHA Job #:

60513061

Report Information - Data Deliverables

FAX EMAIL

ADDEX Add'l Deliverables

Regulatory Requirements/Report Limits

State / Fed Program

Criteria

MCP PRESUMPTIVE CERTAINTY - THESE QUESTIONS MUST BE ANSWERED

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

ANALYSIS

8260 VOCS
NO3, SO4, ALK.
DISS. Fe, Mn, Pb
TDC
Metals, Ethanol, Ethene
TKN - T-Phosphorus

SAMPLE HANDLING

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

Sample Specific Comments

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS	MCP PRESUMPTIVE CERTAINTY	Filtration	Preservation	Lab to do	Sample Specific Comments
		Date	Time								
3061	HW-556mD-20051028-01	10/28/05	13:15	GW	GR	✓	✓	✓	✓	✓	
12	D20-001-20051028-01	10/28/05	21:00	GW	GR	✓	✓	✓	✓	✓	
10	HW-556m-20051028-01	10/28/05	14:35	GW	UN	✓	✓	✓	✓	✓	
10	HW-556m-20051028-01	10/28/05	14:35	GW	UN	✓	✓	✓	✓	✓	

Container Type	Preservative
V P	V P
B A	C N
	B D

IS YOUR PROJECT MCP ?

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.