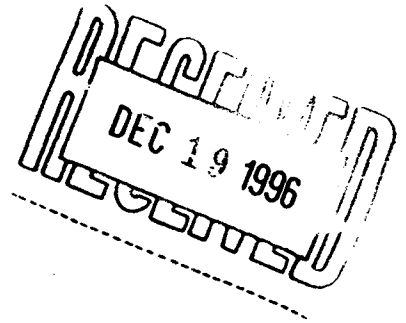


Appendix G
Laboratory Analytical Reports
Groundwater

ALPHA ANALYTICAL LABORATORIES

Eight Walkup Drive
Westborough, Massachusetts 01581-1019
(508) 898-9220



MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

CERTIFICATE OF ANALYSIS

Client: ERM-New England

Laboratory Job Number: L9609369

Address: 205 Portland Street

Invoice Number: 89552

Boston, MA 02114

Date Received: 13-DEC-96

Attn: John McTigue

Date Reported: 18-DEC-96

Project Number: EC9610-01

Delivery Method: Alpha

Site: Raytheon

ALPHA SAMPLE NUMBER	CLIENT IDENTIFICATION	SAMPLE LOCATION
L9609369-01	BW-1	Wayland, MA
L9609369-02	BW-2	Wayland, MA
L9609369-03	BW-3	Wayland, MA
L9609369-04	DUP-1	Wayland, MA
L9609369-05	TRIP BLANK	Wayland, MA

Authorized by: James R. Roth

James R. Roth, PhD - Laboratory Manager

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L9609369-01 Date Collected: 12-DEC-96
 BW-1 Date Received : 13-DEC-96
 Sample Matrix: WATER Date Reported : 18-DEC-96
 Condition of Sample: Satisfactory Field Prep: None

Number & Type of Containers: 2 Vial

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES		ID	
						PREP	ANALYSIS		
Volatile Organics by GC/MS						1	8260	17-Dec	DB
Methylene chloride	ND	ug/l	5.0						
1,1-Dichloroethane	ND	ug/l	1.5						
Chloroform	ND	ug/l	1.5						
Carbon tetrachloride	ND	ug/l	1.0						
1,2-Dichloropropane	ND	ug/l	3.5						
Dibromochloromethane	ND	ug/l	1.0						
1,1,2-Trichloroethane	ND	ug/l	1.5						
2-Chloroethylvinyl ether	ND	ug/l	10.						
Tetrachloroethene	ND	ug/l	1.5						
Chlorobenzene	ND	ug/l	3.5						
Trichlorofluoromethane	ND	ug/l	5.0						
1,2-Dichloroethane	ND	ug/l	1.5						
1,1,1-Trichloroethane	ND	ug/l	1.0						
Bromodichloromethane	ND	ug/l	1.0						
trans-1,3-Dichloropropene	ND	ug/l	1.5						
cis-1,3-Dichloropropene	ND	ug/l	1.0						
Bromoform	ND	ug/l	1.0						
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0						
Benzene	ND	ug/l	1.0						
Toluene	ND	ug/l	1.5						
Ethylbenzene	ND	ug/l	1.0						
Chloromethane	ND	ug/l	10.						
Bromomethane	ND	ug/l	2.0						
Vinyl chloride	ND	ug/l	2.0						
Chloroethane	ND	ug/l	2.0						
1,1-Dichloroethene	1.1	ug/l	1.0						
trans-1,2-Dichloroethene	ND	ug/l	1.5						
Trichloroethene	26.	ug/l	1.0						
1,2-Dichlorobenzene	ND	ug/l	10.						
1,3-Dichlorobenzene	ND	ug/l	10.						
1,4-Dichlorobenzene	ND	ug/l	10.						
Methyl tert butyl ether	ND	ug/l	10.						
Xylenes	ND	ug/l	1.0						
cis-1,2-Dichloroethene	ND	ug/l	1.0						
Dibromomethane	ND	ug/l	10.						
1,4-Dichlorobutane	ND	ug/l	10.						
Iodomethane	ND	ug/l	10.						

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

ALPHA ANALYTICAL LABORATORIES
 CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L9609369-01
 BW-1

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS	ID
Volatile Organics by GC/MS continued				1	8260	17-Dec	DB
1,2,3-Trichloropropane	ND	ug/l	10.				
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	10.				
Acetone	ND	ug/l	10.				
Carbon Disulfide	ND	ug/l	10.				
2-Butanone	ND	ug/l	4.5				
Ethyl Acetate	ND	ug/l	10.				
4-Methyl-2-pentanone	ND	ug/l	10.				
2-Hexanone	ND	ug/l	10.				
Ethyl methacrylate	ND	ug/l	10.				
Acrolein	ND	ug/l	25.				
Acrylonitrile	ND	ug/l	10.				
Bromochloromethane	ND	ug/l	1.0				
1,2-Dichloropropane	ND	ug/l	1.0				
1,2-Dibromoethane	ND	ug/l	1.0				
1,3-Dichloropropane	ND	ug/l	1.0				
1,1,1,2-Tetrachloroethane	ND	ug/l	1.0				
Bromobenzene	ND	ug/l	1.0				
n-Butylbenzene	ND	ug/l	1.0				
sec-Butylbenzene	ND	ug/l	1.0				
tert-Butylbenzene	ND	ug/l	1.0				
o-Chlorotoluene	ND	ug/l	1.0				
p-Chlorotoluene	ND	ug/l	1.0				
1,2-Dibromo-3-chloropropane	ND	ug/l	1.0				
1,2-Dichlorobutadiene	ND	ug/l	1.0				
n-Propylbenzene	ND	ug/l	1.0				
o-Isopropyltoluene	ND	ug/l	1.0				
n-Phthalene	ND	ug/l	1.0				
n-Propylbenzene	ND	ug/l	1.0				
1,2,3-Trichlorobenzene	ND	ug/l	1.0				
1,2,4-Trichlorobenzene	ND	ug/l	1.0				
1,3,5-Trimethylbenzene	ND	ug/l	1.0				
1,2,4-Trimethylbenzene	ND	ug/l	1.0				
trans-1,4-Dichloro-2-butene	ND	ug/l	1.0				
Ethyl ether	ND	ug/l	25.				

PROXIMATE RECOVERY

Toluene-d8	106.	%
Bromofluorobenzene	108.	%
Bromofluoromethane	102.	%

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

ALPHA ANALYTICAL LABORATORIES
 CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L9609369-02
 Sample Matrix: WATER
 Condition of Sample: Satisfactory
 Number & Type of Containers: 2 Vial

Date Collected: 12-DEC-96
 Date Received : 13-DEC-96
 Date Reported : 18-DEC-96

Field Prep: None

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS	ID
Volatile Organics by GC/MS				1	8260	17-Dec	DB
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	1.5				
Chloroform	ND	ug/l	1.5				
Carbon tetrachloride	ND	ug/l	1.0				
1,2-Dichloropropane	ND	ug/l	3.5				
Dibromochloromethane	ND	ug/l	1.0				
1,1,2-Trichloroethane	ND	ug/l	1.5				
2-Chloroethylvinyl ether	ND	ug/l	10.				
Tetrachloroethene	2.2	ug/l	1.5				
Chlorobenzene	ND	ug/l	3.5				
Trichlorofluoromethane	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	1.5				
1,1,1-Trichloroethane	ND	ug/l	1.0				
Bromodichloromethane	ND	ug/l	1.0				
trans-1,3-Dichloropropene	ND	ug/l	1.5				
cis-1,3-Dichloropropene	ND	ug/l	1.0				
Bromoform	ND	ug/l	1.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0				
Benzene	ND	ug/l	1.0				
Toluene	ND	ug/l	1.5				
Ethylbenzene	ND	ug/l	1.0				
Chloromethane	ND	ug/l	10.				
Bromomethane	ND	ug/l	2.0				
Vinyl chloride	ND	ug/l	2.0				
Chloroethane	ND	ug/l	2.0				
1,1-Dichloroethene	ND	ug/l	1.0				
trans-1,2-Dichloroethene	ND	ug/l	1.5				
Trichloroethene	43.	ug/l	1.0				
1,2-Dichlorobenzene	ND	ug/l	10.				
1,3-Dichlorobenzene	ND	ug/l	10.				
1,4-Dichlorobenzene	ND	ug/l	10.				
Methyl tert butyl ether	ND	ug/l	10.				
Xylenes	ND	ug/l	1.0				
cis-1,2-Dichloroethene	ND	ug/l	1.0				
Dibromomethane	ND	ug/l	10.				
1,4-Dichlorobutane	ND	ug/l	10.				
Iodomethane	ND	ug/l	10.				

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

ALPHA ANALYTICAL LABORATORIES
 CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L9609369-02
 BW-2

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS	ID
Volatile Organics by GC/MS continued				1	8260	17-Dec	DB
1,2,3-Trichloropropane	ND	ug/l	10.				
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	10.				
Acetone	ND	ug/l	10.				
Carbon Disulfide	ND	ug/l	10.				
2-Butanone	ND	ug/l	4.5				
Methyl Acetate	ND	ug/l	10.				
4-Methyl-2-pentanone	ND	ug/l	10.				
2-Hexanone	ND	ug/l	10.				
Methyl methacrylate	ND	ug/l	10.				
Phenylethyl alcohol	ND	ug/l	25.				
Acrylonitrile	ND	ug/l	10.				
Bromochloromethane	ND	ug/l	1.0				
1,2-Dichloropropane	ND	ug/l	1.0				
1,2-Dibromoethane	ND	ug/l	1.0				
1,3-Dichloropropane	ND	ug/l	1.0				
1,1,1,2-Tetrachloroethane	ND	ug/l	1.0				
1,3-Dimobenzene	ND	ug/l	1.0				
n-Butylbenzene	ND	ug/l	1.0				
sec-Butylbenzene	ND	ug/l	1.0				
tert-Butylbenzene	ND	ug/l	1.0				
o-Chlorotoluene	ND	ug/l	1.0				
p-Chlorotoluene	ND	ug/l	1.0				
1,2-Dibromo-3-chloropropane	ND	ug/l	1.0				
1,2-Dichlorobutadiene	ND	ug/l	1.0				
o-Propylbenzene	ND	ug/l	1.0				
o-Isopropyltoluene	ND	ug/l	1.0				
1,2,3-Naphthalene	ND	ug/l	1.0				
o-Propylbenzene	ND	ug/l	1.0				
1,2,3-Trichlorobenzene	ND	ug/l	1.0				
1,2,4-Trichlorobenzene	ND	ug/l	1.0				
1,3,5-Trimethylbenzene	ND	ug/l	1.0				
1,3,4-Trimethylbenzene	ND	ug/l	1.0				
Trans-1,4-Dichloro-2-butene	ND	ug/l	1.0				
Diethyl ether	ND	ug/l	25.				
PROGATE RECOVERY							
Toluene-d8	102.	%					
Bromofluorobenzene	106.	%					
Bromofluoromethane	97.0	%					

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

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L9609369-03
 Date Collected: 12-DEC-96
 BW-3
 Date Received : 13-DEC-96
 Sample Matrix: WATER
 Date Reported : 18-DEC-96
 Condition of Sample: Satisfactory
 Field Prep: None
 Number & Type of Containers: 2 Vial

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS	ID
Volatile Organics by GC/MS				1	8260	17-Dec	DB
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	1.5				
Chloroform	ND	ug/l	1.5				
Carbon tetrachloride	ND	ug/l	1.0				
1,2-Dichloropropane	ND	ug/l	3.5				
Dibromochloromethane	ND	ug/l	1.0				
1,1,2-Trichloroethane	ND	ug/l	1.5				
2-Chloroethylvinyl ether	ND	ug/l	10.				
Tetrachloroethene	8.0	ug/l	1.5				
Chlorobenzene	ND	ug/l	3.5				
Trichlorofluoromethane	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	1.5				
1,1,1-Trichloroethane	ND	ug/l	1.0				
Bromodichloromethane	ND	ug/l	1.0				
trans-1,3-Dichloropropene	ND	ug/l	1.5				
cis-1,3-Dichloropropene	ND	ug/l	1.0				
Bromoform	ND	ug/l	1.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0				
Benzene	ND	ug/l	1.0				
Toluene	ND	ug/l	1.5				
Ethylbenzene	ND	ug/l	1.0				
Chloromethane	ND	ug/l	10.				
Bromomethane	ND	ug/l	2.0				
Vinyl chloride	ND	ug/l	2.0				
Chloroethane	ND	ug/l	2.0				
1,1-Dichloroethene	ND	ug/l	1.0				
trans-1,2-Dichloroethene	ND	ug/l	1.5				
Trichloroethene	110	ug/l	1.0				
1,2-Dichlorobenzene	ND	ug/l	10.				
1,3-Dichlorobenzene	ND	ug/l	10.				
1,4-Dichlorobenzene	ND	ug/l	10.				
Methyl tert butyl ether	ND	ug/l	10.				
Xylenes	ND	ug/l	1.0				
cis-1,2-Dichloroethene	32.	ug/l	1.0				
Dibromomethane	ND	ug/l	10.				
1,4-Dichlorobutane	ND	ug/l	10.				
Iodomethane	ND	ug/l	10.				

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

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L9609369-03
BW-3

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS	ID
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Volatile Organics by GC/MS continued				1	8260	17-Dec	DB
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1,2,3-Trichloropropane	ND	ug/l	10.
Styrene	ND	ug/l	1.0
1-chlorodifluoromethane	ND	ug/l	10.
Acetone	ND	ug/l	10.
Carbon Disulfide	ND	ug/l	10.
Butanone	ND	ug/l	4.5
nyl Acetate	ND	ug/l	10.
4-Methyl-2-pentanone	ND	ug/l	10.
2-Hexanone	ND	ug/l	10.
ethyl methacrylate	ND	ug/l	10.
olein	ND	ug/l	25.
Acrylonitrile	ND	ug/l	10.
Bromochloromethane	ND	ug/l	1.0
2-Dichloropropane	ND	ug/l	1.0
1,2-Dibromoethane	ND	ug/l	1.0
1,3-Dichloropropane	ND	ug/l	1.0
1,1,2-Tetrachloroethane	ND	ug/l	1.0
omobenzene	ND	ug/l	1.0
n-Butylbenzene	ND	ug/l	1.0
sec-Butylbenzene	ND	ug/l	1.0
rt-Butylbenzene	ND	ug/l	1.0
Chlorotoluene	ND	ug/l	1.0
p-Chlorotoluene	ND	ug/l	1.0
1,2-Dibromo-3-chloropropane	ND	ug/l	1.0
achlorobutadiene	ND	ug/l	1.0
propylbenzene	ND	ug/l	1.0
p-Isopropyltoluene	ND	ug/l	1.0
phthalene	ND	ug/l	1.0
n Propylbenzene	ND	ug/l	1.0
1,2,3-Trichlorobenzene	ND	ug/l	1.0
1,2,4-Trichlorobenzene	ND	ug/l	1.0
1,3,5-Trimethylbenzene	ND	ug/l	1.0
1,2,4-Trimethylbenzene	ND	ug/l	1.0
trans-1,4-Dichloro-2-butene	ND	ug/l	1.0
Ethyl ether	ND	ug/l	25.

PROBATE RECOVERY

luene-d8	95.0	%
romofluorobenzene	95.0	%
romofluoromethane	89.0	%

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

ALPHA ANALYTICAL LABORATORIES
 CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L9609369-04 Date Collected: 12-DEC-96
 DUP-1 Date Received : 13-DEC-96
 Sample Matrix: WATER Date Reported : 18-DEC-96
 Condition of Sample: Satisfactory Field Prep: None
 Number & Type of Containers: 2 Vial

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS	ID
Volatile Organics by GC/MS				1	8260	17-Dec	DI
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	1.5				
Chloroform	ND	ug/l	1.5				
Carbon tetrachloride	ND	ug/l	1.0				
1,2-Dichloropropane	ND	ug/l	3.5				
Dibromochloromethane	ND	ug/l	1.0				
1,1,2-Trichloroethane	ND	ug/l	1.5				
2-Chloroethylvinyl ether	ND	ug/l	10.				
Tetrachloroethene	7.1	ug/l	1.5				
Chlorobenzene	ND	ug/l	3.5				
Trichlorofluoromethane	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	1.5				
1,1,1-Trichloroethane	ND	ug/l	1.0				
Bromodichloromethane	ND	ug/l	1.0				
trans-1,3-Dichloropropene	ND	ug/l	1.5				
cis-1,3-Dichloropropene	ND	ug/l	1.0				
Bromoform	ND	ug/l	1.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0				
Benzene	ND	ug/l	1.0				
Toluene	ND	ug/l	1.5				
Ethylbenzene	ND	ug/l	1.0				
Chloromethane	ND	ug/l	10.				
Bromomethane	ND	ug/l	2.0				
Vinyl chloride	ND	ug/l	2.0				
Chloroethane	ND	ug/l	2.0				
1,1-Dichloroethene	ND	ug/l	1.0				
trans-1,2-Dichloroethene	ND	ug/l	1.5				
Trichloroethene	110	ug/l	1.0				
1,2-Dichlorobenzene	ND	ug/l	10.				
1,3-Dichlorobenzene	ND	ug/l	10.				
1,4-Dichlorobenzene	ND	ug/l	10.				
Methyl tert butyl ether	ND	ug/l	10.				
Xylenes	ND	ug/l	1.0				
cis-1,2-Dichloroethene	29.	ug/l	1.0				
Dibromomethane	ND	ug/l	10.				
1,4-Dichlorobutane	ND	ug/l	10.				
Iodomethane	ND	ug/l	10.				

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

ALPHA ANALYTICAL LABORATORIES
 CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L9609369-04
 DUP-1

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP ANALYSIS	
Volatile Organics by GC/MS continued				1	8260	17-Dec	DB
1,2,3-Trichloropropane	ND	ug/l	10.				
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	10.				
Acetone	ND	ug/l	10.				
Carbon Disulfide	ND	ug/l	10.				
2-Butanone	ND	ug/l	4.5				
Ethyl Acetate	ND	ug/l	10.				
4-Methyl-2-pentanone	ND	ug/l	10.				
2-Hexanone	ND	ug/l	10.				
Methyl methacrylate	ND	ug/l	10.				
Cholein	ND	ug/l	25.				
Acrylonitrile	ND	ug/l	10.				
Bromochloromethane	ND	ug/l	1.0				
1,2-Dichloropropane	ND	ug/l	1.0				
1,2-Dibromoethane	ND	ug/l	1.0				
1,3-Dichloropropane	ND	ug/l	1.0				
1,1,1,2-Tetrachloroethane	ND	ug/l	1.0				
Bromobenzene	ND	ug/l	1.0				
n-Butylbenzene	ND	ug/l	1.0				
sec-Butylbenzene	ND	ug/l	1.0				
tert-Butylbenzene	ND	ug/l	1.0				
o-Chlorotoluene	ND	ug/l	1.0				
p-Chlorotoluene	ND	ug/l	1.0				
1,2-Dibromo-3-chloropropane	ND	ug/l	1.0				
1,2-Dichlorobutadiene	ND	ug/l	1.0				
n-Propylbenzene	ND	ug/l	1.0				
m-Isopropyltoluene	ND	ug/l	1.0				
o-Phthalene	ND	ug/l	1.0				
m-Propylbenzene	ND	ug/l	1.0				
1,2,3-Trichlorobenzene	ND	ug/l	1.0				
1,2,4-Trichlorobenzene	ND	ug/l	1.0				
1,3,5-Trimethylbenzene	ND	ug/l	1.0				
1,2,4-Trimethylbenzene	ND	ug/l	1.0				
trans-1,4-Dichloro-2-butene	ND	ug/l	1.0				
Diethyl ether	ND	ug/l	25.				
PROBATE RECOVERY							
luene-d8	103.	%					
Bromofluorobenzene	106.	%					
Bromofluoromethane	95.0	%					

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

ALPHA ANALYTICAL LABORATORIES
 CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L9609369-05 Date Collected: 03-DEC-96
 Sample Matrix: TRIP BLANK Date Received : 13-DEC-96
 WATER Date Reported : 18-DEC-96
 Condition of Sample: Satisfactory Field Prep: None
 Number & Type of Containers: 1 Vial

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS	ID
Volatile Organics by GC/MS				1	8260	17-Dec	DB
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	1.5				
Chloroform	ND	ug/l	1.5				
Carbon tetrachloride	ND	ug/l	1.0				
1,2-Dichloropropane	ND	ug/l	3.5				
Dibromochloromethane	ND	ug/l	1.0				
1,1,2-Trichloroethane	ND	ug/l	1.5				
2-Chloroethylvinyl ether	ND	ug/l	10.				
Tetrachloroethene	ND	ug/l	1.5				
Chlorobenzene	ND	ug/l	3.5				
Trichlorofluoromethane	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	1.5				
1,1,1-Trichloroethane	ND	ug/l	1.0				
Bromodichloromethane	ND	ug/l	1.0				
trans-1,3-Dichloropropene	ND	ug/l	1.5				
cis-1,3-Dichloropropene	ND	ug/l	1.0				
Bromoform	ND	ug/l	1.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0				
Benzene	ND	ug/l	1.0				
Toluene	ND	ug/l	1.5				
Ethylbenzene	ND	ug/l	1.0				
Chloromethane	ND	ug/l	10.				
Bromomethane	ND	ug/l	2.0				
Vinyl chloride	ND	ug/l	2.0				
Chloroethane	ND	ug/l	2.0				
1,1-Dichloroethene	ND	ug/l	1.0				
trans-1,2-Dichloroethene	ND	ug/l	1.5				
Trichloroethene	ND	ug/l	1.0				
1,2-Dichlorobenzene	ND	ug/l	10.				
1,3-Dichlorobenzene	ND	ug/l	10.				
1,4-Dichlorobenzene	ND	ug/l	10.				
Methyl tert butyl ether	ND	ug/l	10.				
Xylenes	ND	ug/l	1.0				
cis-1,2-Dichloroethene	ND	ug/l	1.0				
Dibromomethane	ND	ug/l	10.				
1,4-Dichlorobutane	ND	ug/l	10.				
Iodomethane	ND	ug/l	10.				

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

ALPHA ANALYTICAL LABORATORIES
 CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L9609369-05
 TRIP BLANK

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS	ID
Volatile Organics by GC/MS continued				1	8260	17-Dec	DB
1,2,3-Trichloropropane	ND	ug/l	10.				
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	10.				
Acetone	ND	ug/l	10.				
Carbon Disulfide	ND	ug/l	10.				
2-Butanone	ND	ug/l	4.5				
Ethyl Acetate	ND	ug/l	10.				
4-Methyl-2-pentanone	ND	ug/l	10.				
2-Hexanone	ND	ug/l	10.				
Methyl methacrylate	ND	ug/l	10.				
olein	ND	ug/l	25.				
Acrylonitrile	ND	ug/l	10.				
Bromochloromethane	ND	ug/l	1.0				
1,2-Dichloropropane	ND	ug/l	1.0				
1,2-Dibromoethane	ND	ug/l	1.0				
1,3-Dichloropropane	ND	ug/l	1.0				
1,1,1,2-Tetrachloroethane	ND	ug/l	1.0				
Bromobenzene	ND	ug/l	1.0				
n-Butylbenzene	ND	ug/l	1.0				
sec-Butylbenzene	ND	ug/l	1.0				
tert-Butylbenzene	ND	ug/l	1.0				
o-Chlorotoluene	ND	ug/l	1.0				
p-Chlorotoluene	ND	ug/l	1.0				
1,2-Dibromo-3-chloropropane	ND	ug/l	1.0				
1,2-Dichlorobutadiene	ND	ug/l	1.0				
n-Propylbenzene	ND	ug/l	1.0				
n-Isopropyltoluene	ND	ug/l	1.0				
Phthalene	ND	ug/l	1.0				
n-Propylbenzene	ND	ug/l	1.0				
1,2,3-Trichlorobenzene	ND	ug/l	1.0				
1,2,4-Trichlorobenzene	ND	ug/l	1.0				
1,3,5-Trimethylbenzene	ND	ug/l	1.0				
1,3,4-Trimethylbenzene	ND	ug/l	1.0				
trans-1,4-Dichloro-2-butene	ND	ug/l	1.0				
Methyl ether	ND	ug/l	25.				
PROGATE RECOVERY							
luene-d8	105.	%					
Bromofluorobenzene	109.	%					
Bromofluoromethane	104.	%					

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

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH MS/MSD ANALYSIS

Laboratory Job Number: L9609369

Parameter	MS %	MSD %	RPD
Volatile Organics by GC/MS Spike Recovery MS/MSD for sample(s) 01-05			
1,1-Dichloroethene	101	100	1
Trichloroethene	93	95	2
Benzene	99	98	1
Toluene	98	97	1
Chlorobenzene	98	97	1

ALPHA ANALYTICAL LABORATORIES
ADDENDUM I

REFERENCES

1. Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. 1986.

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.

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 its 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, Inc.

Eight Walkup Drive
Westborough, MA 01581-1019
508-898-9220 FAX 508-898-9193

CHAIN OF CUSTODY RECORD and ANALYSIS REQUEST RECORD

No. 72112
Sheet 1 of 1

Company Name:
ERM - New England

Project Number: **EC 9610-01**
P.O. Number:

Project Name/Location:
**Raytheon
Wayland, MA**

Date Received in Lab: **1/13**
Date Due: **12/18 KUSH**

Company Address:
205 Portland St. Boston, MA 02214

Phone Number: **(617) 742-8228**
FAX No.: **720-5742**

Project Manager:
John McTigue

Alpha Job Number: (Lab use only)
9609369

ALPHA Lab# (Lab Use Only)	Sample I.D.	Container Codes: P = Plastic V = Vial C = Cube G = Glass A = Amber Glass B = Bacteria Container O = Other	Containers (number/type)	Matrix / Source	Method Preserve (number of containers)						Solubles - F.F.	Sampling		MATRIX / SOURCE CODES MW = Monitoring Well RO = Runoff O = Outfall W = Well LF = Landfill L = Lake/Pond/Ocean I = Influent E = Effluent DW = Drinking Water R = River Stream S = Soil SG = Sludge B = Bottom Sediment X1 = Other _____ X2 = Other _____	
					Unpres.	Ice	Nitric	Sulfuric	HCl	Other		Date	Time		Analysis Requested
9369	BW-1		2/V	MW								12/12/96	12:30	8260	
2	BW-2		2/V	MW								1	1:00	8260	
3	BW-3		2/V	MW								1	1:30	8260	
4	Dup-1		2/V	MW								12	12:00	8260	
5	Trip Blank		1/V									12/13	2:00	8260	
Please fax results to Steve Sacco															

*Rush 5 days
1/13/97
TWO ABOVE*

Sampler's Signature: _____ Affiliation: _____ Date: _____ Time: _____

ADDITIONAL COMMENTS:

NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	<i>[Signature]</i>	<i>[Signature]</i>	12/13/96	220
2	<i>[Signature]</i>	<i>[Signature]</i>	12/13/96	1655
3				
4				

RECEIVED JUN 11 1998

ALPHA ANALYTICAL LABORATORIES

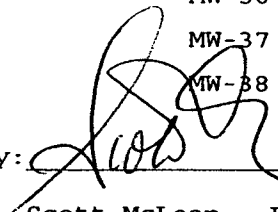
Eight Walkup Drive
Westborough, Massachusetts 01581-1019
(508) 898-9220

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

CERTIFICATE OF ANALYSIS

Client: ERM-New England Laboratory Job Number: L9804096
Address: 399 Boylston Street Invoice Number: 15730
6th Floor Date Received: 29-MAY-98
Boston, MA 02116 Date Reported: 10-JUN-98
Attn: Joe Fiacco Delivery Method: Alpha
Project Number: 143-45
Site: FMR. RAYTHEON

ALPHA SAMPLE NUMBER	CLIENT IDENTIFICATION	SAMPLE LOCATION
L9804096-01	BW-1	WAYLAND, MA
L9804096-02	BW-2	WAYLAND, MA
L9804096-03	BW-3	WAYLAND, MA
L9804096-04	HA-104	WAYLAND, MA
L9804096-05	MW-1	WAYLAND, MA
L9804096-06	MW-2	WAYLAND, MA
L9804096-07	MW-6	WAYLAND, MA
L9804096-08	MW-9	WAYLAND, MA
L9804096-09	MW-10	WAYLAND, MA
L9804096-10	MW-11	WAYLAND, MA
L9804096-11	MW-13	WAYLAND, MA
L9804096-12	MW-28	WAYLAND, MA
L9804096-13	MW-30	WAYLAND, MA
L9804096-14	MW-32	WAYLAND, MA
L9804096-15	MW-33	WAYLAND, MA
L9804096-16	MW-33A	WAYLAND, MA
L9804096-17	MW-34	WAYLAND, MA
L9804096-18	MW-35	WAYLAND, MA
L9804096-19	MW-36	WAYLAND, MA
L9804096-20	MW-37	WAYLAND, MA
L9804096-21	MW-38	WAYLAND, MA

Authorized by: 
Scott McLean - Laboratory Director

ALPHA ANALYTICAL LABORATORIES

Laboratory Job Number: L9804096
Date Reported: 10-JUN-98

ALPHA SAMPLE NUMBER	CLIENT IDENTIFICATION	SAMPLE LOCATION
L9804096-22	MW-39	WAYLAND, MA
L9804096-23	MW-40	WAYLAND, MA
L9804096-24	MW-40A	WAYLAND, MA
L9804096-25	MW-41	WAYLAND, MA
L9804096-26	MW-TP-3	WAYLAND, MA
L9804096-27	RAY-01	WAYLAND, MA
L9804096-28	ERM-DUP-1	WAYLAND, MA
L9804096-29	ERM-DUP-2	WAYLAND, MA
L9804096-30	TRIP BLANK	WAYLAND, MA

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L9804096-01

Date Collected: 27-MAY-98

BW-1

Date Received : 29-MAY-98

Sample Matrix:

WATER

Date Reported : 10-JUN-98

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-40ml VOA

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS	ID
Volatile Organics by GC/MS 8260							
				1	8260B	02-Jun	JC
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	1.5				
Chloroform	ND	ug/l	1.5				
Carbon tetrachloride	ND	ug/l	1.0				
1,2-Dichloropropane	ND	ug/l	3.5				
Dibromochloromethane	ND	ug/l	1.0				
1,1,2-Trichloroethane	ND	ug/l	1.5				
1,1-Dichloroethyl vinyl ether	ND	ug/l	10.				
Tetrachloroethene	2.8	ug/l	1.5				
Chlorobenzene	ND	ug/l	3.5				
Trichlorofluoromethane	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	1.5				
1,1,1-Trichloroethane	ND	ug/l	1.0				
Bromodichloromethane	ND	ug/l	1.0				
trans-1,3-Dichloropropene	ND	ug/l	1.5				
Cis-1,3-Dichloropropene	ND	ug/l	1.0				
1,1-Dichloropropene	ND	ug/l	25.				
Bromoform	ND	ug/l	1.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0				
Benzene	ND	ug/l	1.0				
Toluene	ND	ug/l	1.5				
Ethylbenzene	ND	ug/l	1.0				
Chloromethane	ND	ug/l	10.				
Vinyl chloride	ND	ug/l	3.5				
Chloroethane	ND	ug/l	2.0				
trans-1,2-Dichloroethene	ND	ug/l	1.5				
Trichloroethene	37.	ug/l	1.0				
1,2-Dichlorobenzene	ND	ug/l	10.				
1,3-Dichlorobenzene	ND	ug/l	10.				
1,4-Dichlorobenzene	ND	ug/l	10.				
Methyl tert butyl ether	ND	ug/l	10.				
o/m-Xylene	ND	ug/l	1.0				
p-Xylene	ND	ug/l	1.0				
Cis-1,2-Dichloroethene	2.6	ug/l	1.0				
Dibromomethane	ND	ug/l	10.				
1,4-Dichlorobutane	ND	ug/l	10.				
Chloroform	ND	ug/l	10.				

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

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L9804096-01
BW-1

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS
Volatile Organics by GC/MS 8260 continued				1	8260B	02-Jun
1,2,3-Trichloropropane	ND	ug/l	10.			
Styrene	ND	ug/l	1.0			
Dichlorodifluoromethane	ND	ug/l	10.			
Acetone	ND	ug/l	10.			
Carbon disulfide	ND	ug/l	10.			
2-Butanone	ND	ug/l	4.5			
Vinyl acetate	ND	ug/l	10.			
4-Methyl-2-pentanone	ND	ug/l	10.			
2-Hexanone	ND	ug/l	10.			
Ethyl methacrylate	ND	ug/l	10.			
Acrolein	ND	ug/l	25.			
Acrylonitrile	ND	ug/l	10.			
Bromochloromethane	ND	ug/l	5.0			
Tetrahydrofuran	ND	ug/l	50.			
2,2-Dichloropropane	ND	ug/l	5.0			
1,2-Dibromoethane	ND	ug/l	5.0			
1,3-Dichloropropane	ND	ug/l	5.0			
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0			
Bromobenzene	ND	ug/l	5.0			
n-Butylbenzene	ND	ug/l	5.0			
sec-Butylbenzene	ND	ug/l	5.0			
tert-Butylbenzene	ND	ug/l	5.0			
o-Chlorotoluene	ND	ug/l	5.0			
p-Chlorotoluene	ND	ug/l	5.0			
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0			
Hexachlorobutadiene	ND	ug/l	5.0			
Isopropylbenzene	ND	ug/l	5.0			
p-Isopropyltoluene	ND	ug/l	5.0			
Naphthalene	ND	ug/l	5.0			
n-Propylbenzene	ND	ug/l	5.0			
1,2,3-Trichlorobenzene	ND	ug/l	5.0			
1,2,4-Trichlorobenzene	ND	ug/l	5.0			
1,3,5-Trimethylbenzene	ND	ug/l	5.0			
1,2,4-Trimethylbenzene	ND	ug/l	5.0			
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0			
Ethyl ether	ND	ug/l	25.			
Surrogate Recovery						
1,2-Dichloroethane-d4	92.0	%				
Toluene-d8	95.0	%				
4-Bromofluorobenzene	88.0	%				
Dibromofluoromethane	90.0	%				

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

ALPHA ANALYTICAL LABORATORIES
 CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L9804096-02

Date Collected: 27-MAY-98

BW-2

Date Received : 29-MAY-98

Sample Matrix:

WATER

Date Reported : 10-JUN-98

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-40ml VOA

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP ANALYSIS	
Volatile Organics by GC/MS 8260				1	8260B	02-Jun	JC
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	1.5				
Chloroform	ND	ug/l	1.5				
Carbon tetrachloride	ND	ug/l	1.0				
1,2-Dichloropropane	ND	ug/l	3.5				
Dibromochloromethane	ND	ug/l	1.0				
1,1,2-Trichloroethane	ND	ug/l	1.5				
1-Chloroethylvinyl ether	ND	ug/l	10.				
Tetrachloroethene	4.1	ug/l	1.5				
Chlorobenzene	ND	ug/l	3.5				
Trichlorofluoromethane	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	1.5				
1,1,1-Trichloroethane	ND	ug/l	1.0				
Bromodichloromethane	ND	ug/l	1.0				
trans-1,3-Dichloropropene	ND	ug/l	1.5				
cis-1,3-Dichloropropene	ND	ug/l	1.0				
1,1-Dichloropropene	ND	ug/l	25.				
Bromoform	ND	ug/l	1.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0				
Benzene	ND	ug/l	1.0				
Toluene	ND	ug/l	1.5				
Ethylbenzene	ND	ug/l	1.0				
Chloromethane	ND	ug/l	10.				
Vinyl chloride	ND	ug/l	3.5				
Chloroethane	ND	ug/l	2.0				
trans-1,2-Dichloroethene	ND	ug/l	1.5				
Trichloroethene	62.	ug/l	1.0				
1,2-Dichlorobenzene	ND	ug/l	10.				
1,3-Dichlorobenzene	ND	ug/l	10.				
1,4-Dichlorobenzene	ND	ug/l	10.				
Methyl tert butyl ether	ND	ug/l	10.				
p/m-Xylene	ND	ug/l	1.0				
o-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	1.6	ug/l	1.0				
Dibromomethane	ND	ug/l	10.				
1,4-Dichlorobutane	ND	ug/l	10.				
Iodomethane	ND	ug/l	10.				

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

ALPHA ANALYTICAL LABORATORIES
 CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L9804096-02

BW-2

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS	PT.
Volatile Organics by GC/MS 8260 continued				1	8260B	02-Jun	
1,2,3-Trichloropropane	ND	ug/l	10.				
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	10.				
Acetone	ND	ug/l	10.				
Carbon disulfide	ND	ug/l	10.				
2-Butanone	ND	ug/l	4.5				
Vinyl acetate	ND	ug/l	10.				
4-Methyl-2-pentanone	ND	ug/l	10.				
2-Hexanone	ND	ug/l	10.				
Ethyl methacrylate	ND	ug/l	10.				
Acrolein	ND	ug/l	25.				
Acrylonitrile	ND	ug/l	10.				
Bromochloromethane	ND	ug/l	5.0				
Tetrahydrofuran	ND	ug/l	50.				
2,2-Dichloropropane	ND	ug/l	5.0				
1,2-Dibromoethane	ND	ug/l	5.0				
1,3-Dichloropropane	ND	ug/l	5.0				
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0				
Bromobenzene	ND	ug/l	5.0				
n-Butylbenzene	ND	ug/l	5.0				
sec-Butylbenzene	ND	ug/l	5.0				
tert-Butylbenzene	ND	ug/l	5.0				
o-Chlorotoluene	ND	ug/l	5.0				
p-Chlorotoluene	ND	ug/l	5.0				
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0				
Hexachlorobutadiene	ND	ug/l	5.0				
Isopropylbenzene	ND	ug/l	5.0				
p-Isopropyltoluene	ND	ug/l	5.0				
Naphthalene	ND	ug/l	5.0				
n-Propylbenzene	ND	ug/l	5.0				
1,2,3-Trichlorobenzene	ND	ug/l	5.0				
1,2,4-Trichlorobenzene	ND	ug/l	5.0				
1,3,5-Trimethylbenzene	ND	ug/l	5.0				
1,2,4-Trimethylbenzene	ND	ug/l	5.0				
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0				
Ethyl ether	ND	ug/l	25.				
Surrogate Recovery							
1,2-Dichloroethane-d4	94.0	%					
Toluene-d8	97.0	%					
4-Bromofluorobenzene	95.0	%					
Dibromofluoromethane	90.0	%					

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

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L9804096-03
BW-3
Sample Matrix: WATER

Date Collected: 27-MAY-98
Date Received : 29-MAY-98
Date Reported : 10-JUN-98

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-40ml VOA

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS	ID
Volatile Organics by GC/MS 8260				1	8260B	02-Jun	JC
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	1.5				
Chloroform	ND	ug/l	1.5				
Carbon tetrachloride	ND	ug/l	1.0				
1,2-Dichloropropane	ND	ug/l	3.5				
Dibromochloromethane	ND	ug/l	1.0				
1,1,2-Trichloroethane	ND	ug/l	1.5				
2-Chloroethylvinyl ether	ND	ug/l	10.				
Tetrachloroethene	5.7	ug/l	1.5				
Chlorobenzene	ND	ug/l	3.5				
Trichlorofluoromethane	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	1.5				
1,1,1-Trichloroethane	ND	ug/l	1.0				
Bromodichloromethane	ND	ug/l	1.0				
trans-1,3-Dichloropropene	ND	ug/l	1.5				
cis-1,3-Dichloropropene	ND	ug/l	1.0				
1,1-Dichloropropene	ND	ug/l	25.				
Bromoform	ND	ug/l	1.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0				
Benzene	ND	ug/l	1.0				
Toluene	ND	ug/l	1.5				
Ethylbenzene	ND	ug/l	1.0				
Chloromethane	ND	ug/l	10.				
Vinyl chloride	ND	ug/l	3.5				
Chloroethane	ND	ug/l	2.0				
trans-1,2-Dichloroethene	ND	ug/l	1.5				
Trichloroethene	140	ug/l	1.0				
1,2-Dichlorobenzene	ND	ug/l	10.				
1,3-Dichlorobenzene	ND	ug/l	10.				
1,4-Dichlorobenzene	ND	ug/l	10.				
Methyl tert butyl ether	ND	ug/l	10.				
o/m-Xylene	ND	ug/l	1.0				
p-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	23.	ug/l	1.0				
Dibromomethane	ND	ug/l	10.				
1,4-Dichlorobutane	ND	ug/l	10.				
Iodomethane	ND	ug/l	10.				

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

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L9804096-03
BW-3

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS
Volatile Organics by GC/MS 8260 continued				1	8260B	02-Jun
1,2,3-Trichloropropane	ND	ug/l	10.			
Styrene	ND	ug/l	1.0			
Dichlorodifluoromethane	ND	ug/l	10.			
Acetone	ND	ug/l	10.			
Carbon disulfide	ND	ug/l	10.			
2-Butanone	ND	ug/l	4.5			
Vinyl acetate	ND	ug/l	10.			
4-Methyl-2-pentanone	ND	ug/l	10.			
2-Hexanone	ND	ug/l	10.			
Ethyl methacrylate	ND	ug/l	10.			
Acrolein	ND	ug/l	25.			
Acrylonitrile	ND	ug/l	10.			
Bromochloromethane	ND	ug/l	5.0			
Tetrahydrofuran	ND	ug/l	50.			
2,2-Dichloropropane	ND	ug/l	5.0			
1,2-Dibromoethane	ND	ug/l	5.0			
1,3-Dichloropropane	ND	ug/l	5.0			
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0			
Bromobenzene	ND	ug/l	5.0			
n-Butylbenzene	ND	ug/l	5.0			
sec-Butylbenzene	ND	ug/l	5.0			
tert-Butylbenzene	ND	ug/l	5.0			
o-Chlorotoluene	ND	ug/l	5.0			
p-Chlorotoluene	ND	ug/l	5.0			
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0			
Hexachlorobutadiene	ND	ug/l	5.0			
Isopropylbenzene	ND	ug/l	5.0			
p-Isopropyltoluene	ND	ug/l	5.0			
Naphthalene	ND	ug/l	5.0			
n-Propylbenzene	ND	ug/l	5.0			
1,2,3-Trichlorobenzene	ND	ug/l	5.0			
1,2,4-Trichlorobenzene	ND	ug/l	5.0			
1,3,5-Trimethylbenzene	ND	ug/l	5.0			
1,2,4-Trimethylbenzene	ND	ug/l	5.0			
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0			
Ethyl ether	ND	ug/l	25.			
Surrogate Recovery						
1,2-Dichloroethane-d4	96.0	%				
Toluene-d8	97.0	%				
4-Bromofluorobenzene	91.0	%				
Dibromofluoromethane	92.0	%				

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

ALPHA ANALYTICAL LABORATORIES
 CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L9804096-04

Date Collected: 27-MAY-98

HA-104

Date Received : 29-MAY-98

Sample Matrix:

WATER

Date Reported : 10-JUN-98

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-40ml VOA

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS	ID
Volatile Organics by GC/MS 8260				1	8260B	02-Jun	JC
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	1.5				
Chloroform	ND	ug/l	1.5				
Carbon tetrachloride	ND	ug/l	1.0				
1,2-Dichloropropane	ND	ug/l	3.5				
Dibromochloromethane	ND	ug/l	1.0				
1,1,2-Trichloroethane	ND	ug/l	1.5				
trans-Chloroethylvinyl ether	ND	ug/l	10.				
Tetrachloroethene	39.	ug/l	1.5				
Chlorobenzene	ND	ug/l	3.5				
Trichlorofluoromethane	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	1.5				
1,1,1-Trichloroethane	ND	ug/l	1.0				
trans,trans-Dichloromethane	ND	ug/l	1.0				
trans-1,3-Dichloropropene	ND	ug/l	1.5				
cis-1,3-Dichloropropene	ND	ug/l	1.0				
1,1-Dichloropropene	ND	ug/l	25.				
Bromoform	ND	ug/l	1.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0				
Benzene	ND	ug/l	1.0				
Toluene	ND	ug/l	1.5				
Ethylbenzene	ND	ug/l	1.0				
Chloromethane	ND	ug/l	10.				
Vinyl chloride	ND	ug/l	3.5				
Chloroethane	ND	ug/l	2.0				
trans-1,2-Dichloroethene	ND	ug/l	1.5				
Trichloroethene	37.	ug/l	1.0				
1,2-Dichlorobenzene	ND	ug/l	10.				
1,3-Dichlorobenzene	ND	ug/l	10.				
1,4-Dichlorobenzene	ND	ug/l	10.				
Methyl tert butyl ether	ND	ug/l	10.				
m-Xylene	ND	ug/l	1.0				
p-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	ND	ug/l	1.0				
Dibromomethane	ND	ug/l	10.				
1,4-Dichlorobutane	ND	ug/l	10.				
Acetone	ND	ug/l	10.				

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

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L9804096-04
HA-104

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS
Volatile Organics by GC/MS 8260 continued				1	8260B	02-Jun
1,2,3-Trichloropropane	ND	ug/l	10.			
Styrene	ND	ug/l	1.0			
Dichlorodifluoromethane	ND	ug/l	10.			
Acetone	ND	ug/l	10.			
Carbon disulfide	ND	ug/l	10.			
2-Butanone	ND	ug/l	4.5			
Vinyl acetate	ND	ug/l	10.			
4-Methyl-2-pentanone	ND	ug/l	10.			
2-Hexanone	ND	ug/l	10.			
Ethyl methacrylate	ND	ug/l	10.			
Acrolein	ND	ug/l	25.			
Acrylonitrile	ND	ug/l	10.			
Bromochloromethane	ND	ug/l	5.0			
Tetrahydrofuran	ND	ug/l	50.			
2,2-Dichloropropane	ND	ug/l	5.0			
1,2-Dibromoethane	ND	ug/l	5.0			
1,3-Dichloropropane	ND	ug/l	5.0			
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0			
Bromobenzene	ND	ug/l	5.0			
n-Butylbenzene	ND	ug/l	5.0			
sec-Butylbenzene	ND	ug/l	5.0			
tert-Butylbenzene	ND	ug/l	5.0			
o-Chlorotoluene	ND	ug/l	5.0			
p-Chlorotoluene	ND	ug/l	5.0			
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0			
Hexachlorobutadiene	ND	ug/l	5.0			
Isopropylbenzene	ND	ug/l	5.0			
p-Isopropyltoluene	ND	ug/l	5.0			
Naphthalene	ND	ug/l	5.0			
n-Propylbenzene	ND	ug/l	5.0			
1,2,3-Trichlorobenzene	ND	ug/l	5.0			
1,2,4-Trichlorobenzene	ND	ug/l	5.0			
1,3,5-Trimethylbenzene	ND	ug/l	5.0			
1,2,4-Trimethylbenzene	ND	ug/l	5.0			
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0			
Ethyl ether	ND	ug/l	25.			
Surrogate Recovery						
1,2-Dichloroethane-d4	91.0	%				
Toluene-d8	92.0	%				
4-Bromofluorobenzene	87.0	%				
Dibromofluoromethane	88.0	%				

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

ALPHA ANALYTICAL LABORATORIES
 CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L9804096-05

Date Collected: 27-MAY-98

MW-1

Date Received : 29-MAY-98

Sample Matrix:

WATER

Date Reported : 10-JUN-98

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-40ml VOA

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP ANALYSIS	
Volatile Organics by GC/MS 8260				1	8260B	02-Jun	JC
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	1.5				
Chloroform	ND	ug/l	1.5				
Carbon tetrachloride	ND	ug/l	1.0				
1,2-Dichloropropane	ND	ug/l	3.5				
Dibromochloromethane	ND	ug/l	1.0				
1,1,2-Trichloroethane	ND	ug/l	1.5				
1,1-Dichloroethyl vinyl ether	ND	ug/l	10.				
Tetrachloroethene	ND	ug/l	1.5				
Chlorobenzene	ND	ug/l	3.5				
Trichlorofluoromethane	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	1.5				
1,1,1-Trichloroethane	ND	ug/l	1.0				
Bromodichloromethane	ND	ug/l	1.0				
trans-1,3-Dichloropropene	ND	ug/l	1.5				
cis-1,3-Dichloropropene	ND	ug/l	1.0				
1,1-Dichloropropene	ND	ug/l	25.				
Bromoform	ND	ug/l	1.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0				
Benzene	ND	ug/l	1.0				
Toluene	ND	ug/l	1.5				
Ethylbenzene	ND	ug/l	1.0				
Chloromethane	ND	ug/l	10.				
Vinyl chloride	ND	ug/l	3.5				
Chloroethane	ND	ug/l	2.0				
1,1-Dichloroethene	ND	ug/l	1.5				
trans-1,2-Dichloroethene	ND	ug/l	1.5				
Trichloroethene	ND	ug/l	1.0				
1,2-Dichlorobenzene	ND	ug/l	10.				
1,3-Dichlorobenzene	ND	ug/l	10.				
1,4-Dichlorobenzene	ND	ug/l	10.				
Methyl tert butyl ether	ND	ug/l	10.				
p,m-Xylene	ND	ug/l	1.0				
o-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	ND	ug/l	1.0				
Dibromomethane	ND	ug/l	10.				
1,4-Dichlorobutane	ND	ug/l	10.				

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

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L9804096-05
MW-1

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS
Volatile Organics by GC/MS 8260 continued				1	8260B	02-Jun
Iodomethane	ND	ug/l	10.			
1,2,3-Trichloropropane	ND	ug/l	10.			
Styrene	ND	ug/l	1.0			
Dichlorodifluoromethane	ND	ug/l	10.			
Acetone	ND	ug/l	10.			
Carbon disulfide	ND	ug/l	10.			
2-Butanone	ND	ug/l	4.5			
Vinyl acetate	ND	ug/l	10.			
4-Methyl-2-pentanone	ND	ug/l	10.			
2-Hexanone	ND	ug/l	10.			
Ethyl methacrylate	ND	ug/l	10.			
Acrolein	ND	ug/l	25.			
Acrylonitrile	ND	ug/l	10.			
Bromochloromethane	ND	ug/l	5.0			
Tetrahydrofuran	ND	ug/l	50.			
2,2-Dichloropropane	ND	ug/l	5.0			
1,2-Dibromoethane	ND	ug/l	5.0			
1,3-Dichloropropane	ND	ug/l	5.0			
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0			
Bromobenzene	ND	ug/l	5.0			
n-Butylbenzene	ND	ug/l	5.0			
sec-Butylbenzene	ND	ug/l	5.0			
tert-Butylbenzene	ND	ug/l	5.0			
o-Chlorotoluene	ND	ug/l	5.0			
p-Chlorotoluene	ND	ug/l	5.0			
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0			
Hexachlorobutadiene	ND	ug/l	5.0			
Isopropylbenzene	ND	ug/l	5.0			
p-Isopropyltoluene	ND	ug/l	5.0			
Naphthalene	ND	ug/l	5.0			
n-Propylbenzene	ND	ug/l	5.0			
1,2,3-Trichlorobenzene	ND	ug/l	5.0			
1,2,4-Trichlorobenzene	ND	ug/l	5.0			
1,3,5-Trimethylbenzene	ND	ug/l	5.0			
1,2,4-Trimethylbenzene	ND	ug/l	5.0			
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0			
Ethyl ether	ND	ug/l	25.			
Surrogate Recovery						
1,2-Dichloroethane-d4	89.0	%				
Toluene-d8	91.0	%				
4-Bromofluorobenzene	86.0	%				
Dibromofluoromethane	86.0	%				

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

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L9804096-06
MW-2
Sample Matrix: WATER

Date Collected: 27-MAY-98
Date Received : 29-MAY-98
Date Reported : 10-JUN-98

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-40ml VOA

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP ANALYSIS	
Volatile Organics by GC/MS 8260				1	8260B	02-Jun	JC
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	1.5				
Chloroform	ND	ug/l	1.5				
Carbon tetrachloride	ND	ug/l	1.0				
1,2-Dichloropropane	ND	ug/l	3.5				
Dibromochloromethane	ND	ug/l	1.0				
1,1,2-Trichloroethane	ND	ug/l	1.5				
1-Chloroethylvinyl ether	ND	ug/l	10.				
Tetrachloroethene	ND	ug/l	1.5				
Chlorobenzene	ND	ug/l	3.5				
Trichlorofluoromethane	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	1.5				
1,1,1-Trichloroethane	ND	ug/l	1.0				
Bromodichloromethane	ND	ug/l	1.0				
trans-1,3-Dichloropropene	ND	ug/l	1.5				
Cis-1,3-Dichloropropene	ND	ug/l	1.0				
1,1-Dichloropropene	ND	ug/l	25.				
Bromoform	ND	ug/l	1.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0				
Benzene	ND	ug/l	1.0				
Toluene	ND	ug/l	1.5				
Ethylbenzene	ND	ug/l	1.0				
Chloromethane	ND	ug/l	10.				
Vinyl chloride	ND	ug/l	3.5				
Chloroethane	ND	ug/l	2.0				
trans-1,2-Dichloroethene	ND	ug/l	1.5				
Trichloroethene	ND	ug/l	1.0				
1,2-Dichlorobenzene	ND	ug/l	10.				
1,3-Dichlorobenzene	ND	ug/l	10.				
1,4-Dichlorobenzene	ND	ug/l	10.				
Methyl tert butyl ether	ND	ug/l	10.				
o/m-Xylene	ND	ug/l	1.0				
p-Xylene	ND	ug/l	1.0				
Cis-1,2-Dichloroethene	ND	ug/l	1.0				
Dibromomethane	ND	ug/l	10.				
1,4-Dichlorobutane	ND	ug/l	10.				
Iodomethane	ND	ug/l	10.				

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

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L9804096-06
MW-2

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	I
						PREP ANALYSIS	
Volatile Organics by GC/MS 8260 continued				1	8260B	02-Jun	J
1,2,3-Trichloropropane	ND	ug/l	10.				
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	10.				
Acetone	ND	ug/l	10.				
Carbon disulfide	ND	ug/l	10.				
2-Butanone	ND	ug/l	4.5				
Vinyl acetate	ND	ug/l	10.				
4-Methyl-2-pentanone	ND	ug/l	10.				
2-Hexanone	ND	ug/l	10.				
Ethyl methacrylate	ND	ug/l	10.				
Acrolein	ND	ug/l	25.				
Acrylonitrile	ND	ug/l	10.				
Bromochloromethane	ND	ug/l	5.0				
Tetrahydrofuran	ND	ug/l	50.				
2,2-Dichloropropane	ND	ug/l	5.0				
1,2-Dibromoethane	ND	ug/l	5.0				
1,3-Dichloropropane	ND	ug/l	5.0				
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0				
Bromobenzene	ND	ug/l	5.0				
n-Butylbenzene	ND	ug/l	5.0				
sec-Butylbenzene	ND	ug/l	5.0				
tert-Butylbenzene	ND	ug/l	5.0				
o-Chlorotoluene	ND	ug/l	5.0				
p-Chlorotoluene	ND	ug/l	5.0				
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0				
Hexachlorobutadiene	ND	ug/l	5.0				
Isopropylbenzene	ND	ug/l	5.0				
p-Isopropyltoluene	ND	ug/l	5.0				
Naphthalene	ND	ug/l	5.0				
n-Propylbenzene	ND	ug/l	5.0				
1,2,3-Trichlorobenzene	ND	ug/l	5.0				
1,2,4-Trichlorobenzene	ND	ug/l	5.0				
1,3,5-Trimethylbenzene	ND	ug/l	5.0				
1,2,4-Trimethylbenzene	ND	ug/l	5.0				
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0				
Ethyl ether	ND	ug/l	25.				
Surrogate Recovery							
1,2-Dichloroethane-d4	94.0	%					
Toluene-d8	103.	%					
4-Bromofluorobenzene	91.0	%					
Dibromofluoromethane	89.0	%					

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

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L9804096-07

Date Collected: 27-MAY-98

MW-6

Date Received : 29-MAY-98

Sample Matrix:

WATER

Date Reported : 10-JUN-98

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-40ml VOA

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS	ID
Volatile Organics by GC/MS 8260				1	8260B	02-Jun	JC
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	1.5				
Chloroform	ND	ug/l	1.5				
Carbon tetrachloride	ND	ug/l	1.0				
1,2-Dichloropropane	ND	ug/l	3.5				
Dibromochloromethane	ND	ug/l	1.0				
1,1,2-Trichloroethane	ND	ug/l	1.5				
1,1-Dichloroethyl vinyl ether	ND	ug/l	10.				
Tetrachloroethene	ND	ug/l	1.5				
Chlorobenzene	ND	ug/l	3.5				
Trichlorofluoromethane	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	1.5				
1,1,1-Trichloroethane	9.1	ug/l	1.0				
Bromodichloromethane	ND	ug/l	1.0				
trans-1,3-Dichloropropene	ND	ug/l	1.5				
cis-1,3-Dichloropropene	ND	ug/l	1.0				
1,1-Dichloropropene	ND	ug/l	25.				
Bromoform	ND	ug/l	1.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0				
Benzene	ND	ug/l	1.0				
Toluene	ND	ug/l	1.5				
Ethylbenzene	ND	ug/l	1.0				
Chloromethane	ND	ug/l	10.				
Vinyl chloride	ND	ug/l	3.5				
Chloroethane	ND	ug/l	2.0				
1,1-Dichloroethene	ND	ug/l	1.5				
trans-1,2-Dichloroethene	ND	ug/l	1.5				
Trichloroethene	20.	ug/l	1.0				
1,2-Dichlorobenzene	ND	ug/l	10.				
1,3-Dichlorobenzene	ND	ug/l	10.				
1,4-Dichlorobenzene	ND	ug/l	10.				
Methyl tert butyl ether	ND	ug/l	10.				
p-m-Xylene	ND	ug/l	1.0				
o-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	ND	ug/l	1.0				
Dibromomethane	ND	ug/l	10.				
1,4-Dichlorobutane	ND	ug/l	10.				

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

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L9804096-07
MW-6

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS
Volatile Organics by GC/MS 8260 continued				1	8260B	02-Jun
Iodomethane	ND	ug/l	10.			
1,2,3-Trichloropropane	ND	ug/l	10.			
Styrene	ND	ug/l	1.0			
Dichlorodifluoromethane	ND	ug/l	10.			
Acetone	ND	ug/l	10.			
Carbon disulfide	ND	ug/l	10.			
2-Butanone	ND	ug/l	4.5			
Vinyl acetate	ND	ug/l	10.			
4-Methyl-2-pentanone	ND	ug/l	10.			
2-Hexanone	ND	ug/l	10.			
Ethyl methacrylate	ND	ug/l	10.			
Acrolein	ND	ug/l	25.			
Acrylonitrile	ND	ug/l	10.			
Bromochloromethane	ND	ug/l	5.0			
Tetrahydrofuran	ND	ug/l	50.			
2,2-Dichloropropane	ND	ug/l	5.0			
1,2-Dibromoethane	ND	ug/l	5.0			
1,3-Dichloropropane	ND	ug/l	5.0			
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0			
Bromobenzene	ND	ug/l	5.0			
n-Butylbenzene	ND	ug/l	5.0			
sec-Butylbenzene	ND	ug/l	5.0			
tert-Butylbenzene	ND	ug/l	5.0			
o-Chlorotoluene	ND	ug/l	5.0			
p-Chlorotoluene	ND	ug/l	5.0			
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0			
Hexachlorobutadiene	ND	ug/l	5.0			
Isopropylbenzene	ND	ug/l	5.0			
p-Isopropyltoluene	ND	ug/l	5.0			
Naphthalene	ND	ug/l	5.0			
n-Propylbenzene	ND	ug/l	5.0			
1,2,3-Trichlorobenzene	ND	ug/l	5.0			
1,2,4-Trichlorobenzene	ND	ug/l	5.0			
1,3,5-Trimethylbenzene	ND	ug/l	5.0			
1,2,4-Trimethylbenzene	ND	ug/l	5.0			
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0			
Ethyl ether	ND	ug/l	25.			
Surrogate Recovery						
1,2-Dichloroethane-d4	96.0	%				
Toluene-d8	93.0	%				
4-Bromofluorobenzene	93.0	%				
Dibromofluoromethane	93.0	%				

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

ALPHA ANALYTICAL LABORATORIES
 CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L9804096-08

Date Collected: 27-MAY-98

MW-9

Date Received : 29-MAY-98

Sample Matrix: WATER

Date Reported : 10-JUN-98

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-40ml VOA

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP ANALYSIS	
Volatile Organics by GC/MS 8260							
				1	8260B	02-Jun	JC
Ethylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	1.5				
Chloroform	ND	ug/l	1.5				
Carbon tetrachloride	ND	ug/l	1.0				
1,2-Dichloropropane	ND	ug/l	3.5				
Dibromochloromethane	ND	ug/l	1.0				
1,1,2-Trichloroethane	ND	ug/l	1.5				
1-Chloroethylvinyl ether	ND	ug/l	10.				
Tetrachloroethene	ND	ug/l	1.5				
Chlorobenzene	ND	ug/l	3.5				
1,1,1-Trichloroethane	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	1.5				
1,1,1-Trichloroethane	ND	ug/l	1.0				
Promodichloromethane	ND	ug/l	1.0				
trans-1,3-Dichloropropene	ND	ug/l	1.5				
cis-1,3-Dichloropropene	ND	ug/l	1.0				
1,1-Dichloropropene	ND	ug/l	25.				
Chloroform	ND	ug/l	1.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0				
Benzene	ND	ug/l	1.0				
Toluene	ND	ug/l	1.5				
o-Xylylene	ND	ug/l	1.0				
Chloromethane	ND	ug/l	10.				
Vinyl chloride	ND	ug/l	3.5				
1,1-Dichloroethane	ND	ug/l	2.0				
trans-1,2-Dichloroethene	ND	ug/l	1.5				
1,1-Dichloroethene	ND	ug/l	1.0				
1,2-Dichlorobenzene	ND	ug/l	10.				
1,3-Dichlorobenzene	ND	ug/l	10.				
1,4-Dichlorobenzene	ND	ug/l	10.				
Methyl tert butyl ether	ND	ug/l	10.				
p/m-Xylene	ND	ug/l	1.0				
o-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	ND	ug/l	1.0				
Dibromomethane	ND	ug/l	10.				
1,4-Dichlorobutane	ND	ug/l	10.				
Acetone	ND	ug/l	10.				

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

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L9804096-08
MW-9

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS	I
Volatile Organics by GC/MS 8260 continued				1	8260B	02-Jun	J
1,2,3-Trichloropropane	ND	ug/l	10.				
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	10.				
Acetone	ND	ug/l	10.				
Carbon disulfide	ND	ug/l	10.				
2-Butanone	ND	ug/l	4.5				
Vinyl acetate	ND	ug/l	10.				
4-Methyl-2-pentanone	ND	ug/l	10.				
2-Hexanone	ND	ug/l	10.				
Ethyl methacrylate	ND	ug/l	10.				
Acrolein	ND	ug/l	25.				
Acrylonitrile	ND	ug/l	10.				
Bromochloromethane	ND	ug/l	5.0				
Tetrahydrofuran	ND	ug/l	50.				
2,2-Dichloropropane	ND	ug/l	5.0				
1,2-Dibromoethane	ND	ug/l	5.0				
1,3-Dichloropropane	ND	ug/l	5.0				
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0				
Bromobenzene	ND	ug/l	5.0				
n-Butylbenzene	ND	ug/l	5.0				
sec-Butylbenzene	ND	ug/l	5.0				
tert-Butylbenzene	ND	ug/l	5.0				
o-Chlorotoluene	ND	ug/l	5.0				
p-Chlorotoluene	ND	ug/l	5.0				
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0				
Hexachlorobutadiene	ND	ug/l	5.0				
Isopropylbenzene	ND	ug/l	5.0				
p-Isopropyltoluene	ND	ug/l	5.0				
Naphthalene	ND	ug/l	5.0				
n-Propylbenzene	ND	ug/l	5.0				
1,2,3-Trichlorobenzene	ND	ug/l	5.0				
1,2,4-Trichlorobenzene	ND	ug/l	5.0				
1,3,5-Trimethylbenzene	ND	ug/l	5.0				
1,2,4-Trimethylbenzene	ND	ug/l	5.0				
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0				
Ethyl ether	ND	ug/l	25.				
Surrogate Recovery							
1,2-Dichloroethane-d4	98.0	%					
Toluene-d8	94.0	%					
4-Bromofluorobenzene	91.0	%					
Dibromofluoromethane	94.0	%					

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

ALPHA ANALYTICAL LABORATORIES
 CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L9804096-09

Date Collected: 27-MAY-98

MW-10

Date Received : 29-MAY-98

Sample Matrix:

WATER

Date Reported : 10-JUN-98

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-40ml VOA

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS	ID
Volatile Organics by GC/MS 8260				1	8260B	02-Jun	JC
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	1.5				
Chloroform	ND	ug/l	1.5				
Carbon tetrachloride	ND	ug/l	1.0				
1,2-Dichloropropane	ND	ug/l	3.5				
Dibromochloromethane	ND	ug/l	1.0				
1,1,2-Trichloroethane	ND	ug/l	1.5				
1-Chloroethylvinyl ether	ND	ug/l	10.				
Tetrachloroethene	ND	ug/l	1.5				
Chlorobenzene	ND	ug/l	3.5				
Trichlorofluoromethane	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	1.5				
1,1,1-Trichloroethane	ND	ug/l	1.0				
1,1-Dibromodichloromethane	ND	ug/l	1.0				
trans-1,3-Dichloropropene	ND	ug/l	1.5				
Cis-1,3-Dichloropropene	ND	ug/l	1.0				
1,1-Dichloropropene	ND	ug/l	25.				
Bromoform	ND	ug/l	1.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0				
Benzene	ND	ug/l	1.0				
Toluene	ND	ug/l	1.5				
o-Cymethylbenzene	ND	ug/l	1.0				
Chloromethane	ND	ug/l	10.				
Vinyl chloride	ND	ug/l	3.5				
1-Chloroethane	ND	ug/l	2.0				
trans-1,2-Dichloroethene	ND	ug/l	1.5				
Trichloroethene	ND	ug/l	1.0				
1,2-Dichlorobenzene	ND	ug/l	10.				
1,3-Dichlorobenzene	ND	ug/l	10.				
1,4-Dichlorobenzene	ND	ug/l	10.				
Methyl tert butyl ether	ND	ug/l	10.				
o/p-m-Xylene	ND	ug/l	1.0				
p-Xylene	ND	ug/l	1.0				
Cis-1,2-Dichloroethene	ND	ug/l	1.0				
Dibromomethane	ND	ug/l	10.				
1,4-Dichlorobutane	ND	ug/l	10.				
1,1-Dibromomethane	ND	ug/l	10.				

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

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L9804096-09
MW-10

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS
Volatile Organics by GC/MS 8260 continued				1	8260B	02-Jun
1,2,3-Trichloropropane	ND	ug/l	10.			
Styrene	ND	ug/l	1.0			
Dichlorodifluoromethane	ND	ug/l	10.			
Acetone	ND	ug/l	10.			
Carbon disulfide	ND	ug/l	10.			
2-Butanone	ND	ug/l	4.5			
Vinyl acetate	ND	ug/l	10.			
4-Methyl-2-pentanone	ND	ug/l	10.			
2-Hexanone	ND	ug/l	10.			
Ethyl methacrylate	ND	ug/l	10.			
Acrolein	ND	ug/l	25.			
Acrylonitrile	ND	ug/l	10.			
Bromochloromethane	ND	ug/l	5.0			
Tetrahydrofuran	ND	ug/l	50.			
2,2-Dichloropropane	ND	ug/l	5.0			
1,2-Dibromoethane	ND	ug/l	5.0			
1,3-Dichloropropane	ND	ug/l	5.0			
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0			
Bromobenzene	ND	ug/l	5.0			
n-Butylbenzene	ND	ug/l	5.0			
sec-Butylbenzene	ND	ug/l	5.0			
tert-Butylbenzene	ND	ug/l	5.0			
o-Chlorotoluene	ND	ug/l	5.0			
p-Chlorotoluene	ND	ug/l	5.0			
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0			
Hexachlorobutadiene	ND	ug/l	5.0			
Isopropylbenzene	ND	ug/l	5.0			
p-Isopropyltoluene	ND	ug/l	5.0			
Naphthalene	ND	ug/l	5.0			
n-Propylbenzene	ND	ug/l	5.0			
1,2,3-Trichlorobenzene	ND	ug/l	5.0			
1,2,4-Trichlorobenzene	ND	ug/l	5.0			
1,3,5-Trimethylbenzene	ND	ug/l	5.0			
1,2,4-Trimethylbenzene	ND	ug/l	5.0			
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0			
Ethyl ether	ND	ug/l	25.			
Surrogate Recovery						
1,2-Dichloroethane-d4	92.0	%				
Toluene-d8	91.0	%				
4-Bromofluorobenzene	91.0	%				
Dibromofluoromethane	91.0	%				

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

ALPHA ANALYTICAL LABORATORIES
 CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L9804096-10 Date Collected: 27-MAY-98
 MW-11 Date Received : 29-MAY-98
 Sample Matrix: WATER Date Reported : 10-JUN-98
 Condition of Sample: Satisfactory Field Prep: None
 Number & Type of Containers: 2-40ml VOA

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	II
						PREP ANALYSIS	
Volatile Organics by GC/MS 8260				1	8260B	02-Jun	JC
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	1.5				
Chloroform	ND	ug/l	1.5				
Carbon tetrachloride	ND	ug/l	1.0				
1,2-Dichloropropane	ND	ug/l	3.5				
Dibromochloromethane	ND	ug/l	1.0				
1,1,2-Trichloroethane	ND	ug/l	1.5				
2-Chloroethylvinyl ether	ND	ug/l	10.				
Tetrachloroethene	ND	ug/l	1.5				
Chlorobenzene	ND	ug/l	3.5				
Trichlorofluoromethane	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	1.5				
1,1,1-Trichloroethane	ND	ug/l	1.0				
Bromodichloromethane	ND	ug/l	1.0				
trans-1,3-Dichloropropene	ND	ug/l	1.5				
cis-1,3-Dichloropropene	ND	ug/l	1.0				
1,1-Dichloropropene	ND	ug/l	25.				
Bromoform	ND	ug/l	1.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0				
Benzene	ND	ug/l	1.0				
Toluene	ND	ug/l	1.5				
Ethylbenzene	ND	ug/l	1.0				
Chloromethane	ND	ug/l	10.				
Vinyl chloride	ND	ug/l	3.5				
Chloroethane	ND	ug/l	2.0				
trans-1,2-Dichloroethene	ND	ug/l	1.5				
Trichloroethene	ND	ug/l	1.0				
1,2-Dichlorobenzene	ND	ug/l	10.				
1,3-Dichlorobenzene	ND	ug/l	10.				
1,4-Dichlorobenzene	ND	ug/l	10.				
Methyl tert butyl ether	ND	ug/l	10.				
p/m-Xylene	ND	ug/l	1.0				
o-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	ND	ug/l	1.0				
Dibromomethane	ND	ug/l	10.				
1,4-Dichlorobutane	ND	ug/l	10.				
Iodomethane	ND	ug/l	10.				

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

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L9804096-11
MW-13

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS
Volatile Organics by GC/MS 8260 continued				1	8260B	02-Jun
Iodomethane	ND	ug/l	10.			
1,2,3-Trichloropropane	ND	ug/l	10.			
Styrene	ND	ug/l	1.0			
Dichlorodifluoromethane	ND	ug/l	10.			
Acetone	ND	ug/l	10.			
Carbon disulfide	ND	ug/l	10.			
2-Butanone	ND	ug/l	4.5			
Vinyl acetate	ND	ug/l	10.			
4-Methyl-2-pentanone	ND	ug/l	10.			
2-Hexanone	ND	ug/l	10.			
Ethyl methacrylate	ND	ug/l	10.			
Acrolein	ND	ug/l	25.			
Acrylonitrile	ND	ug/l	10.			
Bromochloromethane	ND	ug/l	5.0			
Tetrahydrofuran	ND	ug/l	50.			
2,2-Dichloropropane	ND	ug/l	5.0			
1,2-Dibromoethane	ND	ug/l	5.0			
1,3-Dichloropropane	ND	ug/l	5.0			
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0			
Bromobenzene	ND	ug/l	5.0			
n-Butylbenzene	ND	ug/l	5.0			
sec-Butylbenzene	ND	ug/l	5.0			
tert-Butylbenzene	ND	ug/l	5.0			
o-Chlorotoluene	ND	ug/l	5.0			
p-Chlorotoluene	ND	ug/l	5.0			
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0			
Hexachlorobutadiene	ND	ug/l	5.0			
Isopropylbenzene	ND	ug/l	5.0			
p-Isopropyltoluene	ND	ug/l	5.0			
Naphthalene	ND	ug/l	5.0			
n-Propylbenzene	ND	ug/l	5.0			
1,2,3-Trichlorobenzene	ND	ug/l	5.0			
1,2,4-Trichlorobenzene	ND	ug/l	5.0			
1,3,5-Trimethylbenzene	ND	ug/l	5.0			
1,2,4-Trimethylbenzene	ND	ug/l	5.0			
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0			
Ethyl ether	ND	ug/l	25.			
Surrogate Recovery						
1,2-Dichloroethane-d4	96.0	%				
Toluene-d8	92.0	%				
4-Bromofluorobenzene	89.0	%				
Dibromofluoromethane	94.0	%				

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

ALPHA ANALYTICAL LABORATORIES
 CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L9804096-12

Date Collected: 27-MAY-98

Sample Matrix:

MW-2818 RSP

Date Received : 29-MAY-98

WATER

Date Reported : 10-JUN-98

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-40ml VOA

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
							PREP ANALYSIS
Volatile Organics by GC/MS 8260				1	8260B	02-Jun	JC
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	1.5				
Chloroform	ND	ug/l	1.5				
Carbon tetrachloride	ND	ug/l	1.0				
1,2-Dichloropropane	ND	ug/l	3.5				
Dibromochloromethane	ND	ug/l	1.0				
1,1,2-Trichloroethane	ND	ug/l	1.5				
1,1-Dichloroethyl vinyl ether	ND	ug/l	10.				
Tetrachloroethene	ND	ug/l	1.5				
Chlorobenzene	ND	ug/l	3.5				
Trichlorofluoromethane	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	1.5				
1,1,1-Trichloroethane	ND	ug/l	1.0				
1,1-Dibromodichloromethane	ND	ug/l	1.0				
trans-1,3-Dichloropropene	ND	ug/l	1.5				
cis-1,3-Dichloropropene	ND	ug/l	1.0				
1,1-Dichloropropene	ND	ug/l	25.				
1,1-Dibromoform	ND	ug/l	1.0				
1,1,1,2-Tetrachloroethane	ND	ug/l	1.0				
Benzene	ND	ug/l	1.0				
Toluene	ND	ug/l	1.5				
o-Tolylbenzene	ND	ug/l	1.0				
Chloromethane	ND	ug/l	10.				
Bromomethane	ND	ug/l	2.0				
Vinyl chloride	ND	ug/l	3.5				
Chloroethane	ND	ug/l	2.0				
trans-1,2-Dichloroethene	ND	ug/l	1.5				
Trichloroethene	51.	ug/l	1.0				
1,2-Dichlorobenzene	ND	ug/l	10.				
1,3-Dichlorobenzene	ND	ug/l	10.				
1,4-Dichlorobenzene	ND	ug/l	10.				
Diethyl tert butyl ether	ND	ug/l	10.				
p-Xylene	ND	ug/l	1.0				
m-Xylene	ND	ug/l	1.0				
o-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	ND	ug/l	1.0				
Dibromomethane	ND	ug/l	10.				
1,2-Dichlorobutane	ND	ug/l	10.				

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

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L9804096-12
MW-28 18 RJC

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP ANALYSIS
Volatile Organics by GC/MS 8260 continued				1	8260B	02-Jun
Iodomethane	ND	ug/l	10.			
1,2,3-Trichloropropane	ND	ug/l	10.			
Styrene	ND	ug/l	1.0			
Dichlorodifluoromethane	ND	ug/l	10.			
Acetone	ND	ug/l	10.			
Carbon disulfide	ND	ug/l	10.			
2-Butanone	ND	ug/l	4.5			
Vinyl acetate	ND	ug/l	10.			
4-Methyl-2-pentanone	ND	ug/l	10.			
2-Hexanone	ND	ug/l	10.			
Ethyl methacrylate	ND	ug/l	10.			
Acrolein	ND	ug/l	25.			
Acrylonitrile	ND	ug/l	10.			
Bromochloromethane	ND	ug/l	5.0			
Tetrahydrofuran	ND	ug/l	50.			
2,2-Dichloropropane	ND	ug/l	5.0			
1,2-Dibromoethane	ND	ug/l	5.0			
1,3-Dichloropropane	ND	ug/l	5.0			
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0			
Bromobenzene	ND	ug/l	5.0			
n-Butylbenzene	ND	ug/l	5.0			
sec-Butylbenzene	ND	ug/l	5.0			
tert-Butylbenzene	ND	ug/l	5.0			
o-Chlorotoluene	ND	ug/l	5.0			
p-Chlorotoluene	ND	ug/l	5.0			
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0			
Hexachlorobutadiene	ND	ug/l	5.0			
Isopropylbenzene	ND	ug/l	5.0			
p-Isopropyltoluene	ND	ug/l	5.0			
Naphthalene	ND	ug/l	5.0			
n-Propylbenzene	ND	ug/l	5.0			
1,2,3-Trichlorobenzene	ND	ug/l	5.0			
1,2,4-Trichlorobenzene	ND	ug/l	5.0			
1,3,5-Trimethylbenzene	ND	ug/l	5.0			
1,2,4-Trimethylbenzene	ND	ug/l	5.0			
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0			
Ethyl ether	ND	ug/l	25.			

Surrogate Recovery

1,2-Dichloroethane-d4	94.0	%
Toluene-d8	95.0	%
4-Bromofluorobenzene	91.0	%
Dibromofluoromethane	94.0	%

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

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L9804096-13

Date Collected: 27-MAY-98

MW-30

Date Received : 29-MAY-98

Sample Matrix:

WATER

Date Reported : 10-JUN-98

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-40ml VOA

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS	ID
Volatile Organics by GC/MS 8260				1	8260B	04-Jun	JC
Methylene chloride	ND	ug/l	25.				
1,1-Dichloroethane	ND	ug/l	7.5				
Chloroform	ND	ug/l	7.5				
Carbon tetrachloride	ND	ug/l	5.0				
1,2-Dichloropropane	ND	ug/l	18.				
Dibromochloromethane	ND	ug/l	5.0				
1,1,2-Trichloroethane	ND	ug/l	7.5				
2-Chloroethylvinyl ether	ND	ug/l	50.				
Tetrachloroethene	ND	ug/l	7.5				
Chlorobenzene	ND	ug/l	18.				
Trichlorofluoromethane	ND	ug/l	25.				
1,2-Dichloroethane	ND	ug/l	7.5				
1,1,1-Trichloroethane	ND	ug/l	5.0				
Bromodichloromethane	ND	ug/l	5.0				
trans-1,3-Dichloropropene	ND	ug/l	7.5				
cis-1,3-Dichloropropene	ND	ug/l	5.0				
1,1-Dichloropropene	ND	ug/l	120				
Bromoform	ND	ug/l	5.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	5.0				
Benzene	ND	ug/l	5.0				
Toluene	ND	ug/l	7.5				
Ethylbenzene	ND	ug/l	5.0				
Chloromethane	ND	ug/l	50.				
Bromomethane	ND	ug/l	10.				
Vinyl chloride	ND	ug/l	18.				
Chloroethane	ND	ug/l	10.				
trans-1,2-Dichloroethene	ND	ug/l	7.5				
Trichloroethene	400	ug/l	5.0				
1,2-Dichlorobenzene	ND	ug/l	50.				
1,3-Dichlorobenzene	ND	ug/l	50.				
1,4-Dichlorobenzene	ND	ug/l	50.				
Methyl tert butyl ether	ND	ug/l	50.				
p/m-Xylene	ND	ug/l	5.0				
o-Xylene	ND	ug/l	5.0				
cis-1,2-Dichloroethene	ND	ug/l	5.0				
Dibromomethane	ND	ug/l	50.				
1,4-Dichlorobutane	ND	ug/l	50.				

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

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L9804096-13
MW-30

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS
Volatile Organics by GC/MS 8260 continued				1	8260B	04-Jun
Iodomethane	ND	ug/l	50.			
1,2,3-Trichloropropane	ND	ug/l	50.			
Styrene	ND	ug/l	5.0			
Dichlorodifluoromethane	ND	ug/l	50.			
Acetone	ND	ug/l	50.			
Carbon disulfide	ND	ug/l	50.			
2-Butanone	ND	ug/l	22.			
Vinyl acetate	ND	ug/l	50.			
4-Methyl-2-pentanone	ND	ug/l	50.			
2-Hexanone	ND	ug/l	50.			
Ethyl methacrylate	ND	ug/l	50.			
Acrolein	ND	ug/l	120			
Acrylonitrile	ND	ug/l	50.			
Bromochloromethane	ND	ug/l	25.			
Tetrahydrofuran	ND	ug/l	250			
2,2-Dichloropropane	ND	ug/l	25.			
1,2-Dibromoethane	ND	ug/l	25.			
1,3-Dichloropropane	ND	ug/l	25.			
1,1,1,2-Tetrachloroethane	ND	ug/l	25.			
Bromobenzene	ND	ug/l	25.			
n-Butylbenzene	ND	ug/l	25.			
sec-Butylbenzene	ND	ug/l	25.			
tert-Butylbenzene	ND	ug/l	25.			
o-Chlorotoluene	ND	ug/l	25.			
p-Chlorotoluene	ND	ug/l	25.			
1,2-Dibromo-3-chloropropane	ND	ug/l	25.			
Hexachlorobutadiene	ND	ug/l	25.			
Isopropylbenzene	ND	ug/l	25.			
p-Isopropyltoluene	ND	ug/l	25.			
Naphthalene	ND	ug/l	25.			
n-Propylbenzene	ND	ug/l	25.			
1,2,3-Trichlorobenzene	ND	ug/l	25.			
1,2,4-Trichlorobenzene	ND	ug/l	25.			
1,3,5-Trimethylbenzene	ND	ug/l	25.			
1,2,4-Trimethylbenzene	ND	ug/l	25.			
trans-1,4-Dichloro-2-butene	ND	ug/l	25.			
Ethyl ether	ND	ug/l	120			
Surrogate Recovery						
1,2-Dichloroethane-d4	108.	%				
Toluene-d8	92.0	%				
4-Bromofluorobenzene	101.	%				
Dibromofluoromethane	106.	%				

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

ALPHA ANALYTICAL LABORATORIES
 CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L9804096-14 Date Collected: 27-MAY-98
 MW-32 Date Received : 29-MAY-98
 Sample Matrix: WATER Date Reported : 10-JUN-98
 Condition of Sample: Satisfactory Field Prep: None
 Number & Type of Containers: 2-40ml VOA

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS	ID
Volatile Organics by GC/MS 8260				1	8260B	03-Jun	JC
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	1.5				
Chloroform	ND	ug/l	1.5				
Carbon tetrachloride	ND	ug/l	1.0				
1,2-Dichloropropane	ND	ug/l	3.5				
1,1,1-Tribromochloromethane	ND	ug/l	1.0				
1,1,2-Trichloroethane	ND	ug/l	1.5				
trans-1,2-Dichloroethyl vinyl ether	ND	ug/l	10.				
Tetrachloroethene	ND	ug/l	1.5				
Chlorobenzene	ND	ug/l	3.5				
1,1,1-Trichlorofluoromethane	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	1.5				
1,1,1-Trichloroethane	ND	ug/l	1.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0				
trans-1,3-Dichloropropene	ND	ug/l	1.5				
cis-1,3-Dichloropropene	ND	ug/l	1.0				
1,1-Dichloropropene	ND	ug/l	25.				
Chloroform	ND	ug/l	1.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0				
Benzene	ND	ug/l	1.0				
1,2-Dichlorobenzene	ND	ug/l	1.5				
1,3-Dichlorobenzene	ND	ug/l	1.0				
Chloromethane	ND	ug/l	10.				
Bromomethane	ND	ug/l	2.0				
Vinyl chloride	ND	ug/l	3.5				
Chloroethane	ND	ug/l	2.0				
trans-1,2-Dichloroethene	ND	ug/l	1.5				
Trichloroethene	ND	ug/l	1.0				
1,2-Dichlorobenzene	ND	ug/l	10.				
1,3-Dichlorobenzene	ND	ug/l	10.				
1,4-Dichlorobenzene	ND	ug/l	10.				
Ethyl tert butyl ether	ND	ug/l	10.				
p-Xylene	ND	ug/l	1.0				
m-Xylene	ND	ug/l	1.0				
o-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	ND	ug/l	1.0				
1,1-Dibromomethane	ND	ug/l	10.				
1,4-Dichlorobutane	ND	ug/l	10.				

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

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L9804096-14
MW-32

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS
Volatile Organics by GC/MS 8260 continued				1	8260B	03-Jun
Iodomethane	ND	ug/l	10.			
1,2,3-Trichloropropane	ND	ug/l	10.			
Styrene	ND	ug/l	1.0			
Dichlorodifluoromethane	ND	ug/l	10.			
Acetone	ND	ug/l	10.			
Carbon disulfide	ND	ug/l	10.			
2-Butanone	ND	ug/l	4.5			
Vinyl acetate	ND	ug/l	10.			
4-Methyl-2-pentanone	ND	ug/l	10.			
2-Hexanone	ND	ug/l	10.			
Ethyl methacrylate	ND	ug/l	10.			
Acrolein	ND	ug/l	25.			
Acrylonitrile	ND	ug/l	10.			
Bromochloromethane	ND	ug/l	5.0			
Tetrahydrofuran	ND	ug/l	50.			
2,2-Dichloropropane	ND	ug/l	5.0			
1,2-Dibromoethane	ND	ug/l	5.0			
1,3-Dichloropropane	ND	ug/l	5.0			
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0			
Bromobenzene	ND	ug/l	5.0			
n-Butylbenzene	ND	ug/l	5.0			
sec-Butylbenzene	ND	ug/l	5.0			
tert-Butylbenzene	ND	ug/l	5.0			
o-Chlorotoluene	ND	ug/l	5.0			
p-Chlorotoluene	ND	ug/l	5.0			
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0			
Hexachlorobutadiene	ND	ug/l	5.0			
Isopropylbenzene	ND	ug/l	5.0			
p-Isopropyltoluene	ND	ug/l	5.0			
Naphthalene	ND	ug/l	5.0			
n-Propylbenzene	ND	ug/l	5.0			
1,2,3-Trichlorobenzene	ND	ug/l	5.0			
1,2,4-Trichlorobenzene	ND	ug/l	5.0			
1,3,5-Trimethylbenzene	ND	ug/l	5.0			
1,2,4-Trimethylbenzene	ND	ug/l	5.0			
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0			
Ethyl ether	ND	ug/l	25.			
Surrogate Recovery						
1,2-Dichloroethane-d4	99.0	%				
Toluene-d8	97.0	%				
4-Bromofluorobenzene	95.0	%				
Dibromofluoromethane	99.0	%				

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

ALPHA ANALYTICAL LABORATORIES
 CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L9804096-15
 MW-33 (MW 33M XL)
 Sample Matrix: WATER
 Condition of Sample: Satisfactory
 Number & Type of Containers: 2-40ml VOA
 Date Collected: 27-MAY-98
 Date Received: 29-MAY-98
 Date Reported: 10-JUN-98
 Field Prep: None

PARAMETER	RESULT	UNITS	SDL	REF	METHOD	DATES	ID
						PREP ANALYSIS	
Volatile Organics by GC/MS 8260							03-Jun JC
	1	8260B					
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	1.5				
Chloroform	ND	ug/l	1.5				
Carbon tetrachloride	ND	ug/l	1.0				
1,2-Dichloropropane	ND	ug/l	3.5				
Dibromochloromethane	ND	ug/l	1.0				
1,1,2-Trichloroethane	ND	ug/l	1.5				
1,1-Dichloroethyl vinyl ether	ND	ug/l	10.				
Tetrachloroethene	ND	ug/l	1.5				
Chlorobenzene	ND	ug/l	3.5				
Trichlorofluoromethane	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	1.5				
1,1,1-Trichloroethane	ND	ug/l	1.0				
Bromodichloromethane	ND	ug/l	1.0				
trans-1,3-Dichloropropene	ND	ug/l	1.5				
cis-1,3-Dichloropropene	ND	ug/l	1.0				
1,1-Dichloropropene	ND	ug/l	25.				
Chloroform	ND	ug/l	1.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0				
Benzene	ND	ug/l	1.0				
Toluene	ND	ug/l	1.5				
Ethylbenzene	ND	ug/l	1.0				
Chloromethane	ND	ug/l	10.				
Bromomethane	ND	ug/l	2.0				
Vinyl chloride	ND	ug/l	3.5				
1,1-Dichloroethane	ND	ug/l	2.0				
1,1-Dichloroethene	ND	ug/l	1.5				
trans-1,2-Dichloroethene	ND	ug/l	1.5				
1,1-Dichloroethene	1.4	ug/l	1.0				
1,2-Dichlorobenzene	ND	ug/l	10.				
1,3-Dichlorobenzene	ND	ug/l	10.				
1,4-Dichlorobenzene	ND	ug/l	10.				
Ethyl tert butyl ether	ND	ug/l	10.				
p-Xylene	ND	ug/l	1.0				
o-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	ND	ug/l	1.0				
Dibromomethane	ND	ug/l	10.				

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

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L9804096-15
MW-33

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS
Volatile Organics by GC/MS 8260 continued				I	8260B	03-Jun J
1,4-Dichlorobutane	ND	ug/l	10.			
Iodomethane	ND	ug/l	10.			
1,2,3-Trichloropropane	ND	ug/l	10.			
Styrene	ND	ug/l	1.0			
Dichlorodifluoromethane	ND	ug/l	10.			
Acetone	ND	ug/l	10.			
Carbon disulfide	ND	ug/l	10.			
2-Butanone	ND	ug/l	4.5			
Vinyl acetate	ND	ug/l	10.			
4-Methyl-2-pentanone	ND	ug/l	10.			
2-Hexanone	ND	ug/l	10.			
Ethyl methacrylate	ND	ug/l	10.			
Acrolein	ND	ug/l	25.			
Acrylonitrile	ND	ug/l	10.			
Bromochloromethane	ND	ug/l	5.0			
Tetrahydrofuran	ND	ug/l	50.			
2,2-Dichloropropane	ND	ug/l	5.0			
1,2-Dibromoethane	ND	ug/l	5.0			
1,3-Dichloropropane	ND	ug/l	5.0			
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0			
Bromobenzene	ND	ug/l	5.0			
n-Butylbenzene	ND	ug/l	5.0			
sec-Butylbenzene	ND	ug/l	5.0			
tert-Butylbenzene	ND	ug/l	5.0			
o-Chlorotoluene	ND	ug/l	5.0			
p-Chlorotoluene	ND	ug/l	5.0			
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0			
Hexachlorobutadiene	ND	ug/l	5.0			
Isopropylbenzene	ND	ug/l	5.0			
p-Isopropyltoluene	ND	ug/l	5.0			
Naphthalene	ND	ug/l	5.0			
n-Propylbenzene	ND	ug/l	5.0			
1,2,3-Trichlorobenzene	ND	ug/l	5.0			
1,2,4-Trichlorobenzene	ND	ug/l	5.0			
1,3,5-Trimethylbenzene	ND	ug/l	5.0			
1,2,4-Trimethylbenzene	ND	ug/l	5.0			
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0			
Ethyl ether	ND	ug/l	25.			
Surrogate Recovery						
1,2-Dichloroethane-d4	101.	%				
Toluene-d8	97.0	%				
4-Bromofluorobenzene	97.0	%				
Dibromofluoromethane	98.0	%				

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

ALPHA ANALYTICAL LABORATORIES
 CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L9804096-16
 Sample Matrix: MW-33A (MW 335)
 WATER

Date Collected: 27-MAY-98
 Date Received : 29-MAY-98
 Date Reported : 10-JUN-98

Condition of Sample: Satisfactory Field Prep: None

Number & Type of Containers: 2-40ml VOA

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS	ID
Volatile Organics by GC/MS 8260							
				1	8260B	04-Jun	JC
Methylene chloride	ND	ug/l	25.				
1,1-Dichloroethane	ND	ug/l	7.5				
Chloroform	ND	ug/l	7.5				
Carbon tetrachloride	ND	ug/l	5.0				
1,2-Dichloropropane	ND	ug/l	18.				
Dibromochloromethane	ND	ug/l	5.0				
1,1,2-Trichloroethane	ND	ug/l	7.5				
1,1-Dichloroethyl vinyl ether	ND	ug/l	50.				
Tetrachloroethene	ND	ug/l	7.5				
Chlorobenzene	ND	ug/l	18.				
Trichlorofluoromethane	ND	ug/l	25.				
1,2-Dichloroethane	ND	ug/l	7.5				
1,1,1-Trichloroethane	160	ug/l	5.0				
1,1-Dibromodichloromethane	ND	ug/l	5.0				
trans-1,3-Dichloropropene	ND	ug/l	7.5				
cis-1,3-Dichloropropene	ND	ug/l	5.0				
1,1-Dichloropropene	ND	ug/l	120				
1,1-Dibromoform	ND	ug/l	5.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	5.0				
Benzene	ND	ug/l	5.0				
Toluene	ND	ug/l	7.5				
o-chlorobenzene	ND	ug/l	5.0				
Chloromethane	ND	ug/l	50.				
Bromomethane	ND	ug/l	10.				
Vinyl chloride	ND	ug/l	18.				
Chloroethane	ND	ug/l	10.				
trans-1,2-Dichloroethene	ND	ug/l	7.5				
Trichloroethene	530	ug/l	5.0				
1,2-Dichlorobenzene	ND	ug/l	50.				
1,3-Dichlorobenzene	ND	ug/l	50.				
1,4-Dichlorobenzene	ND	ug/l	50.				
Methyl tert butyl ether	ND	ug/l	50.				
p-m-Xylene	ND	ug/l	5.0				
o-Xylene	ND	ug/l	5.0				
cis-1,2-Dichloroethene	ND	ug/l	5.0				
Dibromomethane	ND	ug/l	50.				
1,4-Dichlorobutane	ND	ug/l	50.				

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

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L9804096-16
MW-33A

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS
Volatile Organics by GC/MS 8260 continued				1	8260B	04-Jun
Iodomethane	ND	ug/l	50.			
1,2,3-Trichloropropane	ND	ug/l	50.			
Styrene	ND	ug/l	5.0			
Dichlorodifluoromethane	ND	ug/l	50.			
Acetone	ND	ug/l	50.			
Carbon disulfide	ND	ug/l	50.			
2-Butanone	ND	ug/l	22.			
Vinyl acetate	ND	ug/l	50.			
4-Methyl-2-pentanone	ND	ug/l	50.			
2-Hexanone	ND	ug/l	50.			
Ethyl methacrylate	ND	ug/l	50.			
Acrolein	ND	ug/l	120			
Acrylonitrile	ND	ug/l	50.			
Bromochloromethane	ND	ug/l	25.			
Tetrahydrofuran	ND	ug/l	250			
2,2-Dichloropropane	ND	ug/l	25.			
1,2-Dibromoethane	ND	ug/l	25.			
1,3-Dichloropropane	ND	ug/l	25.			
1,1,1,2-Tetrachloroethane	ND	ug/l	25.			
Bromobenzene	ND	ug/l	25.			
n-Butylbenzene	ND	ug/l	25.			
sec-Butylbenzene	ND	ug/l	25.			
tert-Butylbenzene	ND	ug/l	25.			
o-Chlorotoluene	ND	ug/l	25.			
p-Chlorotoluene	ND	ug/l	25.			
1,2-Dibromo-3-chloropropane	ND	ug/l	25.			
Hexachlorobutadiene	ND	ug/l	25.			
Isopropylbenzene	ND	ug/l	25.			
p-Isopropyltoluene	ND	ug/l	25.			
Naphthalene	ND	ug/l	25.			
n-Propylbenzene	ND	ug/l	25.			
1,2,3-Trichlorobenzene	ND	ug/l	25.			
1,2,4-Trichlorobenzene	ND	ug/l	25.			
1,3,5-Trimethylbenzene	ND	ug/l	25.			
1,2,4-Trimethylbenzene	ND	ug/l	25.			
trans-1,4-Dichloro-2-butene	ND	ug/l	25.			
Ethyl ether	ND	ug/l	120			
Surrogate Recovery						
1,2-Dichloroethane-d4	105.	%				
Toluene-d8	89.0	%				
4-Bromofluorobenzene	100.	%				
Dibromofluoromethane	103.	%				

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

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L9804096-17
 Date Collected: 27-MAY-98
 MW-34
 Date Received : 29-MAY-98
 Sample Matrix: WATER
 Date Reported : 10-JUN-98
 Condition of Sample: Satisfactory
 Field Prep: None
 Number & Type of Containers: 2-40ml VOA

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
							PREP ANALYSIS
Volatile Organics by GC/MS 8260				1	8260B	04-Jun	JC
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	1.5				
Chloroform	ND	ug/l	1.5				
Carbon tetrachloride	ND	ug/l	1.0				
1,2-Dichloropropane	ND	ug/l	3.5				
Dibromochloromethane	ND	ug/l	1.0				
1,1,2-Trichloroethane	ND	ug/l	1.5				
1-Chloroethylvinyl ether	ND	ug/l	10.				
Tetrachloroethene	ND	ug/l	1.5				
Chlorobenzene	ND	ug/l	3.5				
Trichlorofluoromethane	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	1.5				
1,1,1-Trichloroethane	ND	ug/l	1.0				
Bromodichloromethane	ND	ug/l	1.0				
trans-1,3-Dichloropropene	ND	ug/l	1.5				
Cis-1,3-Dichloropropene	ND	ug/l	1.0				
1,1-Dichloropropene	ND	ug/l	25.				
Bromoform	ND	ug/l	1.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0				
Benzene	ND	ug/l	1.0				
Toluene	ND	ug/l	1.5				
o-Tolylbenzene	ND	ug/l	1.0				
Chloromethane	ND	ug/l	10.				
Bromomethane	ND	ug/l	2.0				
Vinyl chloride	ND	ug/l	3.5				
Chloroethane	ND	ug/l	2.0				
1,1-Dichloroethene	ND	ug/l	1.5				
trans-1,2-Dichloroethene	ND	ug/l	1.5				
1,2-Dichloroethene	ND	ug/l	1.0				
1,2-Dichlorobenzene	ND	ug/l	10.				
1,3-Dichlorobenzene	ND	ug/l	10.				
1,4-Dichlorobenzene	ND	ug/l	10.				
Diethyl tert butyl ether	ND	ug/l	10.				
p-Xylene	ND	ug/l	1.0				
o-Xylene	ND	ug/l	1.0				
Cis-1,2-Dichloroethene	ND	ug/l	1.0				
Dibromomethane	ND	ug/l	10.				

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

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L9804096-17
MW-34

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS
Volatile Organics by GC/MS 8260 continued				1	8260B	04-Jun
1,4-Dichlorobutane	ND	ug/l	10.			
Iodomethane	ND	ug/l	10.			
1,2,3-Trichloropropane	ND	ug/l	10.			
Styrene	ND	ug/l	1.0			
Dichlorodifluoromethane	ND	ug/l	10.			
Acetone	ND	ug/l	10.			
Carbon disulfide	ND	ug/l	10.			
2-Butanone	ND	ug/l	4.5			
Vinyl acetate	ND	ug/l	10.			
4-Methyl-2-pentanone	ND	ug/l	10.			
2-Hexanone	ND	ug/l	10.			
Ethyl methacrylate	ND	ug/l	10.			
Acrolein	ND	ug/l	25.			
Acrylonitrile	ND	ug/l	10.			
Bromochloromethane	ND	ug/l	5.0			
Tetrahydrofuran	ND	ug/l	50.			
2,2-Dichloropropane	ND	ug/l	5.0			
1,2-Dibromoethane	ND	ug/l	5.0			
1,3-Dichloropropane	ND	ug/l	5.0			
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0			
Bromobenzene	ND	ug/l	5.0			
n-Butylbenzene	ND	ug/l	5.0			
sec-Butylbenzene	ND	ug/l	5.0			
tert-Butylbenzene	ND	ug/l	5.0			
o-Chlorotoluene	ND	ug/l	5.0			
p-Chlorotoluene	ND	ug/l	5.0			
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0			
Hexachlorobutadiene	ND	ug/l	5.0			
Isopropylbenzene	ND	ug/l	5.0			
p-Isopropyltoluene	ND	ug/l	5.0			
Naphthalene	ND	ug/l	5.0			
n-Propylbenzene	ND	ug/l	5.0			
1,2,3-Trichlorobenzene	ND	ug/l	5.0			
1,2,4-Trichlorobenzene	ND	ug/l	5.0			
1,3,5-Trimethylbenzene	ND	ug/l	5.0			
1,2,4-Trimethylbenzene	ND	ug/l	5.0			
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0			
Ethyl ether	ND	ug/l	25.			
Surrogate Recovery						
1,2-Dichloroethane-d4	106.	%				
Toluene-d8	89.0	%				
4-Bromofluorobenzene	100.	%				
Dibromofluoromethane	103.	%				

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

ALPHA ANALYTICAL LABORATORIES
 CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L9804096-18

Date Collected: 27-MAY-98

MW-35

Date Received : 29-MAY-98

Sample Matrix:

WATER

Date Reported : 10-JUN-98

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-40ml VOA

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS	ID
Volatile Organics by GC/MS 8260							
				1	8260B	04-Jun	JC
Ethylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	1.5				
Chloroform	ND	ug/l	1.5				
Carbon tetrachloride	ND	ug/l	1.0				
1,2-Dichloropropane	ND	ug/l	3.5				
Dibromochloromethane	ND	ug/l	1.0				
1,1,2-Trichloroethane	ND	ug/l	1.5				
1-Chloroethylvinyl ether	ND	ug/l	10.				
Tetrachloroethene	2.8	ug/l	1.5				
Chlorobenzene	ND	ug/l	3.5				
1,1,1-Trichloroethane	2.2	ug/l	1.0				
1,1,2-Trichloroethane	ND	ug/l	1.0				
trans-1,3-Dichloropropene	ND	ug/l	1.5				
cis-1,3-Dichloropropene	ND	ug/l	1.0				
1,1-Dichloropropene	ND	ug/l	25.				
1,1,1-Trichloroethane	ND	ug/l	1.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0				
Benzene	ND	ug/l	1.0				
Toluene	ND	ug/l	1.5				
o-Xylylene	ND	ug/l	1.0				
Chloromethane	ND	ug/l	10.				
Bromomethane	ND	ug/l	2.0				
Vinyl chloride	ND	ug/l	3.5				
1,1-Dichloroethane	ND	ug/l	2.0				
trans-1,2-Dichloroethene	ND	ug/l	1.5				
Trichloroethene	1.8	ug/l	1.0				
1,2-Dichlorobenzene	ND	ug/l	10.				
1,3-Dichlorobenzene	ND	ug/l	10.				
1,4-Dichlorobenzene	ND	ug/l	10.				
Methyl tert butyl ether	ND	ug/l	10.				
m-Xylene	ND	ug/l	1.0				
p-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	ND	ug/l	1.0				
Dibromomethane	ND	ug/l	10.				
1,2-Dichlorobutane	ND	ug/l	10.				

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

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L9804096-18
MW-35

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS
Volatile Organics by GC/MS 8260 continued				1	8260B	04-Jun
Iodomethane	ND	ug/l	10.			
1,2,3-Trichloropropane	ND	ug/l	10.			
Styrene	ND	ug/l	1.0			
Dichlorodifluoromethane	ND	ug/l	10.			
Acetone	ND	ug/l	10.			
Carbon disulfide	ND	ug/l	10.			
2-Butanone	ND	ug/l	4.5			
Vinyl acetate	ND	ug/l	10.			
4-Methyl-2-pentanone	ND	ug/l	10.			
2-Hexanone	ND	ug/l	10.			
Ethyl methacrylate	ND	ug/l	10.			
Acrolein	ND	ug/l	25.			
Acrylonitrile	ND	ug/l	10.			
Bromochloromethane	ND	ug/l	5.0			
Tetrahydrofuran	ND	ug/l	50.			
2,2-Dichloropropane	ND	ug/l	5.0			
1,2-Dibromoethane	ND	ug/l	5.0			
1,3-Dichloropropane	ND	ug/l	5.0			
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0			
Bromobenzene	ND	ug/l	5.0			
n-Butylbenzene	ND	ug/l	5.0			
sec-Butylbenzene	ND	ug/l	5.0			
tert-Butylbenzene	ND	ug/l	5.0			
o-Chlorotoluene	ND	ug/l	5.0			
p-Chlorotoluene	ND	ug/l	5.0			
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0			
Hexachlorobutadiene	ND	ug/l	5.0			
Isopropylbenzene	ND	ug/l	5.0			
p-Isopropyltoluene	ND	ug/l	5.0			
Naphthalene	ND	ug/l	5.0			
n-Propylbenzene	ND	ug/l	5.0			
1,2,3-Trichlorobenzene	ND	ug/l	5.0			
1,2,4-Trichlorobenzene	ND	ug/l	5.0			
1,3,5-Trimethylbenzene	ND	ug/l	5.0			
1,2,4-Trimethylbenzene	ND	ug/l	5.0			
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0			
Ethyl ether	ND	ug/l	25.			
Surrogate Recovery						
1,2-Dichloroethane-d4	104.	%				
Toluene-d8	91.0	%				
4-Bromofluorobenzene	100.	%				
Dibromofluoromethane	104.	%				

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

ALPHA ANALYTICAL LABORATORIES
 CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L9804096-19

Date Collected: 27-MAY-98

MW-36

Date Received : 29-MAY-98

Sample Matrix:

WATER

Date Reported : 10-JUN-98

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-40ml VOA

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP ANALYSIS	
Volatile Organics by GC/MS 8260				1	8260B	03-Jun	JC
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	1.5				
Chloroform	ND	ug/l	1.5				
Carbon tetrachloride	ND	ug/l	1.0				
1,2-Dichloropropane	ND	ug/l	3.5				
Dibromochloromethane	ND	ug/l	1.0				
1,1,2-Trichloroethane	ND	ug/l	1.5				
1,1-Dichloroethane	ND	ug/l	10.				
Tetrachloroethene	ND	ug/l	1.5				
Chlorobenzene	ND	ug/l	3.5				
Trichlorofluoromethane	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	1.5				
1,1,1-Trichloroethane	ND	ug/l	1.0				
Bromodichloromethane	ND	ug/l	1.0				
trans-1,3-Dichloropropene	ND	ug/l	1.5				
cis-1,3-Dichloropropene	ND	ug/l	1.0				
1,1-Dichloropropene	ND	ug/l	25.				
Bromoform	ND	ug/l	1.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0				
Benzene	ND	ug/l	1.0				
Toluene	ND	ug/l	1.5				
Ethylbenzene	ND	ug/l	1.0				
Chloromethane	ND	ug/l	10.				
Vinyl chloride	ND	ug/l	3.5				
Chloroethane	ND	ug/l	2.0				
1,1-Dichloroethene	ND	ug/l	1.5				
trans-1,2-Dichloroethene	ND	ug/l	1.5				
Trichloroethene	68.	ug/l	1.0				
1,2-Dichlorobenzene	ND	ug/l	10.				
1,3-Dichlorobenzene	ND	ug/l	10.				
1,4-Dichlorobenzene	ND	ug/l	10.				
Methyl tert butyl ether	ND	ug/l	10.				
p-Xylene	ND	ug/l	1.0				
m-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	ND	ug/l	1.0				
Dibromomethane	ND	ug/l	10.				
1,4-Dichlorobutane	ND	ug/l	10.				

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

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L9804096-19
MW-36

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS	I
Volatile Organics by GC/MS 8260 continued				1	8260B	03-Jun	J
Iodomethane	ND	ug/l	10.				
1,2,3-Trichloropropane	ND	ug/l	10.				
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	10.				
Acetone	ND	ug/l	10.				
Carbon disulfide	ND	ug/l	10.				
2-Butanone	ND	ug/l	4.5				
Vinyl acetate	ND	ug/l	10.				
4-Methyl-2-pentanone	ND	ug/l	10.				
2-Hexanone	ND	ug/l	10.				
Ethyl methacrylate	ND	ug/l	10.				
Acrolein	ND	ug/l	25.				
Acrylonitrile	ND	ug/l	10.				
Bromochloromethane	ND	ug/l	5.0				
2,2-Dichloropropane	ND	ug/l	5.0				
1,2-Dibromoethane	ND	ug/l	5.0				
1,3-Dichloropropane	ND	ug/l	5.0				
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0				
Bromobenzene	ND	ug/l	5.0				
n-Butylbenzene	ND	ug/l	5.0				
sec-Butylbenzene	ND	ug/l	5.0				
tert-Butylbenzene	ND	ug/l	5.0				
o-Chlorotoluene	ND	ug/l	5.0				
p-Chlorotoluene	ND	ug/l	5.0				
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0				
Hexachlorobutadiene	ND	ug/l	5.0				
Isopropylbenzene	ND	ug/l	5.0				
p-Isopropyltoluene	ND	ug/l	5.0				
Naphthalene	ND	ug/l	5.0				
n-Propylbenzene	ND	ug/l	5.0				
1,2,3-Trichlorobenzene	ND	ug/l	5.0				
1,2,4-Trichlorobenzene	ND	ug/l	5.0				
1,3,5-Trimethylbenzene	ND	ug/l	5.0				
1,2,4-Trimethylbenzene	ND	ug/l	5.0				
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0				
Ethyl ether	ND	ug/l	25.				
Surrogate Recovery							
1,2-Dichloroethane-d4	101.	%					
Toluene-d8	100.	%					
4-Bromofluorobenzene	95.0	%					
Dibromofluoromethane	101.	%					

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

ALPHA ANALYTICAL LABORATORIES
 CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L9804096-20

Date Collected: 27-MAY-98

MW-37

Date Received : 29-MAY-98

Sample Matrix:

WATER

Date Reported : 10-JUN-98

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-40ml VOA

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS	ID
Volatile Organics by GC/MS 8260				1	8260B	02-Jun	JC
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	1.5				
Chloroform	ND	ug/l	1.5				
Carbon tetrachloride	ND	ug/l	1.0				
1,2-Dichloropropane	ND	ug/l	3.5				
Dibromochloromethane	ND	ug/l	1.0				
1,1,2-Trichloroethane	ND	ug/l	1.5				
1-Chloroethylvinyl ether	ND	ug/l	10.				
Tetrachloroethene	ND	ug/l	1.5				
Chlorobenzene	ND	ug/l	3.5				
1,1,1-Trichloroethane	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	1.5				
1,1,1-Trichloroethane	ND	ug/l	1.5				
1,1-Dichloroethane	ND	ug/l	1.0				
1,2-Dichloroethane	ND	ug/l	1.0				
trans-1,3-Dichloropropene	ND	ug/l	1.5				
Cis-1,3-Dichloropropene	ND	ug/l	1.5				
1,1-Dichloropropene	ND	ug/l	25.				
Chloroform	ND	ug/l	1.0				
1,2,2-Tetrachloroethane	ND	ug/l	1.0				
Benzene	ND	ug/l	1.0				
Toluene	ND	ug/l	1.5				
o-Xylene	ND	ug/l	1.5				
m-Xylene	ND	ug/l	1.0				
p-Xylene	ND	ug/l	10.				
Vinyl chloride	ND	ug/l	3.5				
1,1-Dichloroethane	ND	ug/l	2.0				
1,2-Dichloroethane	ND	ug/l	1.5				
trans-1,2-Dichloroethene	ND	ug/l	1.5				
Trichloroethene	ND	ug/l	1.0				
1,2-Dichlorobenzene	ND	ug/l	10.				
1,3-Dichlorobenzene	ND	ug/l	10.				
1,4-Dichlorobenzene	ND	ug/l	10.				
Methyl tert butyl ether	ND	ug/l	10.				
p-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	ND	ug/l	1.0				
Dibromomethane	ND	ug/l	10.				
1,4-Dichlorobutane	ND	ug/l	10.				

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

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L9804096-20
MW-37

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS
Volatile Organics by GC/MS 8260 continued				1	8260B	02-Jun
Iodomethane	ND	ug/l	10.			
1,2,3-Trichloropropane	ND	ug/l	10.			
Styrene	ND	ug/l	1.0			
Dichlorodifluoromethane	ND	ug/l	10.			
Acetone	ND	ug/l	10.			
Carbon disulfide	ND	ug/l	10.			
2-Butanone	ND	ug/l	4.5			
Vinyl acetate	ND	ug/l	10.			
4-Methyl-2-pentanone	ND	ug/l	10.			
2-Hexanone	ND	ug/l	10.			
Ethyl methacrylate	ND	ug/l	10.			
Acrolein	ND	ug/l	25.			
Acrylonitrile	ND	ug/l	10.			
Bromochloromethane	ND	ug/l	5.0			
2,2-Dichloropropane	ND	ug/l	5.0			
1,2-Dibromoethane	ND	ug/l	5.0			
1,3-Dichloropropane	ND	ug/l	5.0			
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0			
Bromobenzene	ND	ug/l	5.0			
n-Butylbenzene	ND	ug/l	5.0			
sec-Butylbenzene	ND	ug/l	5.0			
tert-Butylbenzene	ND	ug/l	5.0			
o-Chlorotoluene	ND	ug/l	5.0			
p-Chlorotoluene	ND	ug/l	5.0			
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0			
Hexachlorobutadiene	ND	ug/l	5.0			
Isopropylbenzene	ND	ug/l	5.0			
p-Isopropyltoluene	ND	ug/l	5.0			
Naphthalene	ND	ug/l	5.0			
n-Propylbenzene	ND	ug/l	5.0			
1,2,3-Trichlorobenzene	ND	ug/l	5.0			
1,2,4-Trichlorobenzene	ND	ug/l	5.0			
1,3,5-Trimethylbenzene	ND	ug/l	5.0			
1,2,4-Trimethylbenzene	ND	ug/l	5.0			
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0			
Ethyl ether	ND	ug/l	25.			
Surrogate Recovery						
1,2-Dichloroethane-d4	109.	%				
Toluene-d8	104.	%				
4-Bromofluorobenzene	102.	%				
Dibromofluoromethane	106.	%				

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

ALPHA ANALYTICAL LABORATORIES
 CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L9804096-21

Date Collected: 27-MAY-98

MW-38

Date Received : 29-MAY-98

Sample Matrix:

WATER

Date Reported : 10-JUN-98

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-40ml VOA

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS	ID
Volatile Organics by GC/MS 8260							
				1	8260B	02-Jun	JC
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	1.5				
Chloroform	ND	ug/l	1.5				
Carbon tetrachloride	ND	ug/l	1.0				
1,2-Dichloropropane	ND	ug/l	3.5				
Dibromochloromethane	ND	ug/l	1.0				
1,1,2-Trichloroethane	ND	ug/l	1.5				
1-Chloroethylvinyl ether	ND	ug/l	10.				
Tetrachloroethene	ND	ug/l	1.5				
Chlorobenzene	ND	ug/l	3.5				
Trichlorofluoromethane	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	1.5				
1,1,1-Trichloroethane	ND	ug/l	1.0				
Bromodichloromethane	ND	ug/l	1.0				
trans-1,3-Dichloropropene	ND	ug/l	1.5				
cis-1,3-Dichloropropene	ND	ug/l	1.0				
1,1-Dichloropropene	ND	ug/l	25.				
Bromoform	ND	ug/l	1.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0				
Benzene	ND	ug/l	1.0				
Toluene	ND	ug/l	1.5				
Ethylbenzene	ND	ug/l	1.0				
Chloromethane	ND	ug/l	10.				
Vinyl chloride	ND	ug/l	3.5				
Chloroethane	ND	ug/l	2.0				
1,1-Dichloroethene	ND	ug/l	1.5				
trans-1,2-Dichloroethene	ND	ug/l	1.5				
Trichloroethene	ND	ug/l	1.0				
1,2-Dichlorobenzene	ND	ug/l	10.				
1,3-Dichlorobenzene	ND	ug/l	10.				
1,4-Dichlorobenzene	ND	ug/l	10.				
Methyl tert butyl ether	ND	ug/l	10.				
m-Xylene	ND	ug/l	1.0				
p-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	ND	ug/l	1.0				
Dibromomethane	ND	ug/l	10.				
1,4-Dichlorobutane	ND	ug/l	10.				

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

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L9804096-21
MW-38

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS	J
Volatile Organics by GC/MS 8260 continued				1	8260B	02-Jun	J
Iodomethane	ND	ug/l	10.				
1,2,3-Trichloropropane	ND	ug/l	10.				
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	10.				
Acetone	ND	ug/l	10.				
Carbon disulfide	ND	ug/l	10.				
2-Butanone	ND	ug/l	4.5				
Vinyl acetate	ND	ug/l	10.				
4-Methyl-2-pentanone	ND	ug/l	10.				
2-Hexanone	ND	ug/l	10.				
Ethyl methacrylate	ND	ug/l	10.				
Acrolein	ND	ug/l	25.				
Acrylonitrile	ND	ug/l	10.				
Bromochloromethane	ND	ug/l	5.0				
2,2-Dichloropropane	ND	ug/l	5.0				
1,2-Dibromoethane	ND	ug/l	5.0				
1,3-Dichloropropane	ND	ug/l	5.0				
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0				
Bromobenzene	ND	ug/l	5.0				
n-Butylbenzene	ND	ug/l	5.0				
sec-Butylbenzene	ND	ug/l	5.0				
tert-Butylbenzene	ND	ug/l	5.0				
o-Chlorotoluene	ND	ug/l	5.0				
p-Chlorotoluene	ND	ug/l	5.0				
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0				
Hexachlorobutadiene	ND	ug/l	5.0				
Isopropylbenzene	ND	ug/l	5.0				
p-Isopropyltoluene	ND	ug/l	5.0				
Naphthalene	ND	ug/l	5.0				
n-Propylbenzene	ND	ug/l	5.0				
1,2,3-Trichlorobenzene	ND	ug/l	5.0				
1,2,4-Trichlorobenzene	ND	ug/l	5.0				
1,3,5-Trimethylbenzene	ND	ug/l	5.0				
1,2,4-Trimethylbenzene	ND	ug/l	5.0				
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0				
Ethyl ether	ND	ug/l	25.				
Surrogate Recovery							
1,2-Dichloroethane-d4	97.0	%					
Toluene-d8	95.0	%					
4-Bromofluorobenzene	92.0	%					
Dibromofluoromethane	97.0	%					

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

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L9804096-22

Date Collected: 27-MAY-98

MW-39

Date Received : 29-MAY-98

Sample Matrix:

WATER

Date Reported : 10-JUN-98

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-40ml VOA

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS	ID
Volatile Organics by GC/MS 8260				1	8260B	02-Jun	JC
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	1.5				
Chloroform	ND	ug/l	1.5				
Carbon tetrachloride	ND	ug/l	1.0				
1,2-Dichloropropane	ND	ug/l	3.5				
Dibromochloromethane	ND	ug/l	1.0				
1,1,2-Trichloroethane	ND	ug/l	1.5				
2-Chloroethylvinyl ether	ND	ug/l	10.				
Tetrachloroethene	ND	ug/l	1.5				
Chlorobenzene	ND	ug/l	3.5				
Trichlorofluoromethane	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	1.5				
1,1,1-Trichloroethane	ND	ug/l	1.0				
Bromodichloromethane	ND	ug/l	1.0				
trans-1,3-Dichloropropene	ND	ug/l	1.5				
cis-1,3-Dichloropropene	ND	ug/l	1.0				
1,1-Dichloropropene	ND	ug/l	25.				
Bromoform	ND	ug/l	1.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0				
Benzene	ND	ug/l	1.0				
Toluene	ND	ug/l	1.5				
Ethylbenzene	ND	ug/l	1.0				
Chloromethane	ND	ug/l	10.				
Vinyl chloride	ND	ug/l	3.5				
Chloroethane	ND	ug/l	2.0				
1,1-Dichloroethene	ND	ug/l	1.5				
trans-1,2-Dichloroethene	ND	ug/l	1.5				
Trichloroethene	ND	ug/l	1.0				
1,2-Dichlorobenzene	ND	ug/l	10.				
1,3-Dichlorobenzene	ND	ug/l	10.				
1,4-Dichlorobenzene	ND	ug/l	10.				
Methyl tert butyl ether	ND	ug/l	10.				
p/m-Xylene	ND	ug/l	1.0				
o-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	ND	ug/l	1.0				
Dibromomethane	ND	ug/l	10.				
1,4-Dichlorobutane	ND	ug/l	10.				

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

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L9804096-22
MW-39

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS	I
Volatile Organics by GC/MS 8260 continued				1	8260B	02-Jun	J
Iodomethane	ND	ug/l	10.				
1,2,3-Trichloropropane	ND	ug/l	10.				
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	10.				
Acetone	ND	ug/l	10.				
Carbon disulfide	ND	ug/l	10.				
2-Butanone	ND	ug/l	4.5				
Vinyl acetate	ND	ug/l	10.				
4-Methyl-2-pentanone	ND	ug/l	10.				
2-Hexanone	ND	ug/l	10.				
Ethyl methacrylate	ND	ug/l	10.				
Acrolein	ND	ug/l	25.				
Acrylonitrile	ND	ug/l	10.				
Bromochloromethane	ND	ug/l	5.0				
2,2-Dichloropropane	ND	ug/l	5.0				
1,2-Dibromoethane	ND	ug/l	5.0				
1,3-Dichloropropane	ND	ug/l	5.0				
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0				
Bromobenzene	ND	ug/l	5.0				
n-Butylbenzene	ND	ug/l	5.0				
sec-Butylbenzene	ND	ug/l	5.0				
tert-Butylbenzene	ND	ug/l	5.0				
o-Chlorotoluene	ND	ug/l	5.0				
p-Chlorotoluene	ND	ug/l	5.0				
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0				
Hexachlorobutadiene	ND	ug/l	5.0				
Isopropylbenzene	ND	ug/l	5.0				
p-Isopropyltoluene	ND	ug/l	5.0				
Naphthalene	ND	ug/l	5.0				
n-Propylbenzene	ND	ug/l	5.0				
1,2,3-Trichlorobenzene	ND	ug/l	5.0				
1,2,4-Trichlorobenzene	ND	ug/l	5.0				
1,3,5-Trimethylbenzene	ND	ug/l	5.0				
1,2,4-Trimethylbenzene	ND	ug/l	5.0				
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0				
Ethyl ether	ND	ug/l	25.				
Surrogate Recovery							
1,2-Dichloroethane-d4	94.0	%					
Toluene-d8	94.0	%					
4-Bromofluorobenzene	90.0	%					
Dibromofluoromethane	92.0	%					

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

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L9804096-23

Date Collected: 27-MAY-98

MW-40

Date Received : 29-MAY-98

Sample Matrix:

WATER

Date Reported : 10-JUN-98

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-40ml VOA

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS	ID
Volatile Organics by GC/MS 8260				1	8260B	02-Jun	JC
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	1.5				
Chloroform	ND	ug/l	1.5				
Carbon tetrachloride	ND	ug/l	1.0				
1,2-Dichloropropane	ND	ug/l	3.5				
Dibromochloromethane	ND	ug/l	1.0				
1,1,2-Trichloroethane	ND	ug/l	1.5				
2-Chloroethylvinyl ether	ND	ug/l	10.				
Tetrachloroethene	1.8	ug/l	1.5				
Chlorobenzene	ND	ug/l	3.5				
Trichlorofluoromethane	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	1.5				
1,1,1-Trichloroethane	ND	ug/l	1.0				
Bromodichloromethane	ND	ug/l	1.0				
trans-1,3-Dichloropropene	ND	ug/l	1.5				
cis-1,3-Dichloropropene	ND	ug/l	1.0				
1,1-Dichloropropene	ND	ug/l	25.				
Bromoform	ND	ug/l	1.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0				
Benzene	ND	ug/l	1.0				
Toluene	ND	ug/l	1.5				
Ethylbenzene	ND	ug/l	1.0				
Chloromethane	ND	ug/l	10.				
Vinyl chloride	ND	ug/l	3.5				
Chloroethane	ND	ug/l	2.0				
1,1-Dichloroethene	ND	ug/l	1.5				
trans-1,2-Dichloroethene	ND	ug/l	1.5				
Trichloroethene	5.5	ug/l	1.0				
1,2-Dichlorobenzene	ND	ug/l	10.				
1,3-Dichlorobenzene	ND	ug/l	10.				
1,4-Dichlorobenzene	ND	ug/l	10.				
Methyl tert butyl ether	ND	ug/l	10.				
p/m-Xylene	ND	ug/l	1.0				
o-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	ND	ug/l	1.0				
Dibromomethane	ND	ug/l	10.				
1,4-Dichlorobutane	ND	ug/l	10.				

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

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L9804096-23
MW-40

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS	I-
Volatile Organics by GC/MS 8260 continued				1	8260B	02-Jun	J
Iodomethane	ND	ug/l	10.				
1,2,3-Trichloropropane	ND	ug/l	10.				
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	10.				
Acetone	ND	ug/l	10.				
Carbon disulfide	ND	ug/l	10.				
2-Butanone	ND	ug/l	4.5				
Vinyl acetate	ND	ug/l	10.				
4-Methyl-2-pentanone	ND	ug/l	10.				
2-Hexanone	ND	ug/l	10.				
Ethyl methacrylate	ND	ug/l	10.				
Acrolein	ND	ug/l	25.				
Acrylonitrile	ND	ug/l	10.				
Bromochloromethane	ND	ug/l	5.0				
2,2-Dichloropropane	ND	ug/l	5.0				
1,2-Dibromoethane	ND	ug/l	5.0				
1,3-Dichloropropane	ND	ug/l	5.0				
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0				
Bromobenzene	ND	ug/l	5.0				
n-Butylbenzene	ND	ug/l	5.0				
sec-Butylbenzene	ND	ug/l	5.0				
tert-Butylbenzene	ND	ug/l	5.0				
o-Chlorotoluene	ND	ug/l	5.0				
p-Chlorotoluene	ND	ug/l	5.0				
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0				
Hexachlorobutadiene	ND	ug/l	5.0				
Isopropylbenzene	ND	ug/l	5.0				
p-Isopropyltoluene	ND	ug/l	5.0				
Naphthalene	ND	ug/l	5.0				
n-Propylbenzene	ND	ug/l	5.0				
1,2,3-Trichlorobenzene	ND	ug/l	5.0				
1,2,4-Trichlorobenzene	ND	ug/l	5.0				
1,3,5-Trimethylbenzene	ND	ug/l	5.0				
1,2,4-Trimethylbenzene	ND	ug/l	5.0				
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0				
Ethyl ether	ND	ug/l	25.				
Surrogate Recovery							
1,2-Dichloroethane-d4	92.0	%					
Toluene-d8	93.0	%					
4-Bromofluorobenzene	90.0	%					
Dibromofluoromethane	93.0	%					

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

ALPHA ANALYTICAL LABORATORIES
 CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L9804096-24 Date Collected: 27-MAY-98
 MW-40A (PIN 105) 121 Date Received : 29-MAY-98
 Sample Matrix: WATER Date Reported : 10-JUN-98
 Condition of Sample: Satisfactory Field Prep: None
 Number & Type of Containers: 2-40ml VOA

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS	ID
Volatile Organics by GC/MS 8260				1	8260B	02-Jun	JC
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	1.5				
Chloroform	ND	ug/l	1.5				
Carbon tetrachloride	ND	ug/l	1.0				
1,2-Dichloropropane	ND	ug/l	3.5				
Dibromochloromethane	ND	ug/l	1.0				
1,1,2-Trichloroethane	ND	ug/l	1.5				
2-Chloroethylvinyl ether	ND	ug/l	10.				
Tetrachloroethene	1.8	ug/l	1.5				
Chlorobenzene	ND	ug/l	3.5				
Trichlorofluoromethane	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	1.5				
1,1,1-Trichloroethane	ND	ug/l	1.0				
Bromodichloromethane	ND	ug/l	1.0				
trans-1,3-Dichloropropene	ND	ug/l	1.5				
cis-1,3-Dichloropropene	ND	ug/l	1.0				
1,1-Dichloropropene	ND	ug/l	25.				
Bromoform	ND	ug/l	1.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0				
Benzene	ND	ug/l	1.0				
Toluene	ND	ug/l	1.5				
Ethylbenzene	ND	ug/l	1.0				
Chloromethane	ND	ug/l	10.				
Vinyl chloride	ND	ug/l	3.5				
Chloroethane	ND	ug/l	2.0				
1,1-Dichloroethene	ND	ug/l	1.5				
trans-1,2-Dichloroethene	ND	ug/l	1.5				
Trichloroethene	12.	ug/l	1.0				
1,2-Dichlorobenzene	ND	ug/l	10.				
1,3-Dichlorobenzene	ND	ug/l	10.				
1,4-Dichlorobenzene	ND	ug/l	10.				
Methyl tert butyl ether	ND	ug/l	10.				
p/m-Xylene	ND	ug/l	1.0				
o-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	ND	ug/l	1.0				
Dibromomethane	ND	ug/l	10.				
1,4-Dichlorobutane	ND	ug/l	10.				

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

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L9804096-24
MW-40A

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE	PREP ANALYSIS
Volatile Organics by GC/MS 8260 continued				1	8260B	02-Jun	
Iodomethane	ND	ug/l	10.				
1,2,3-Trichloropropane	ND	ug/l	10.				
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	10.				
Acetone	ND	ug/l	10.				
Carbon disulfide	ND	ug/l	10.				
2-Butanone	ND	ug/l	4.5				
Vinyl acetate	ND	ug/l	10.				
4-Methyl-2-pentanone	ND	ug/l	10.				
2-Hexanone	ND	ug/l	10.				
Ethyl methacrylate	ND	ug/l	10.				
Acrolein	ND	ug/l	25.				
Acrylonitrile	ND	ug/l	10.				
Bromochloromethane	ND	ug/l	5.0				
2,2-Dichloropropane	ND	ug/l	5.0				
1,2-Dibromoethane	ND	ug/l	5.0				
1,3-Dichloropropane	ND	ug/l	5.0				
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0				
Bromobenzene	ND	ug/l	5.0				
n-Butylbenzene	ND	ug/l	5.0				
sec-Butylbenzene	ND	ug/l	5.0				
tert-Butylbenzene	ND	ug/l	5.0				
o-Chlorotoluene	ND	ug/l	5.0				
p-Chlorotoluene	ND	ug/l	5.0				
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0				
Hexachlorobutadiene	ND	ug/l	5.0				
Isopropylbenzene	ND	ug/l	5.0				
p-Isopropyltoluene	ND	ug/l	5.0				
Naphthalene	ND	ug/l	5.0				
n-Propylbenzene	ND	ug/l	5.0				
1,2,3-Trichlorobenzene	ND	ug/l	5.0				
1,2,4-Trichlorobenzene	ND	ug/l	5.0				
1,3,5-Trimethylbenzene	ND	ug/l	5.0				
1,2,4-Trimethylbenzene	ND	ug/l	5.0				
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0				
Ethyl ether	ND	ug/l	25.				
Surrogate Recovery							
1,2-Dichloroethane-d4	100.	%					
Toluene-d8	100.	%					
4-Bromofluorobenzene	96.0	%					
Dibromofluoromethane	102.	%					

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

ALPHA ANALYTICAL LABORATORIES
 CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L9804096-25 Date Collected: 27-MAY-98
 MW-41 Date Received : 29-MAY-98
 Sample Matrix: WATER Date Reported : 10-JUN-98
 Condition of Sample: Satisfactory Field Prep: None
 Number & Type of Containers: 2-40ml VOA

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS	ID
Volatile Organics by GC/MS 8260				1	8260B	03-Jun	JC
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	1.5				
Chloroform	ND	ug/l	1.5				
Carbon tetrachloride	ND	ug/l	1.0				
1,2-Dichloropropane	ND	ug/l	3.5				
Dibromochloromethane	ND	ug/l	1.0				
1,1,2-Trichloroethane	ND	ug/l	1.5				
2-Chloroethylvinyl ether	ND	ug/l	10.				
Tetrachloroethene	ND	ug/l	1.5				
Chlorobenzene	ND	ug/l	3.5				
Trichlorofluoromethane	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	1.5				
1,1,1-Trichloroethane	ND	ug/l	1.0				
Bromodichloromethane	ND	ug/l	1.0				
trans-1,3-Dichloropropene	ND	ug/l	1.5				
cis-1,3-Dichloropropene	ND	ug/l	1.0				
1,1-Dichloropropene	ND	ug/l	25.				
Bromoform	ND	ug/l	1.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0				
Benzene	ND	ug/l	1.0				
Toluene	ND	ug/l	1.5				
Ethylbenzene	ND	ug/l	1.0				
Chloromethane	ND	ug/l	10.				
Vinyl chloride	ND	ug/l	3.5				
Chloroethane	ND	ug/l	2.0				
1,1-Dichloroethene	ND	ug/l	1.5				
trans-1,2-Dichloroethene	ND	ug/l	1.5				
Trichloroethene	ND	ug/l	1.0				
1,2-Dichlorobenzene	ND	ug/l	10.				
1,3-Dichlorobenzene	ND	ug/l	10.				
1,4-Dichlorobenzene	ND	ug/l	10.				
Methyl tert butyl ether	ND	ug/l	10.				
p/m-Xylene	ND	ug/l	1.0				
o-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	ND	ug/l	1.0				
Dibromomethane	ND	ug/l	10.				
1,4-Dichlorobutane	ND	ug/l	10.				

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

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L9804096-25
MW-41

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	PREP ANALYSIS
Volatile Organics by GC/MS 8260 continued				1	8260B	03-Jun	
Iodomethane	ND	ug/l	10.				
1,2,3-Trichloropropane	ND	ug/l	10.				
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	10.				
Acetone	ND	ug/l	10.				
Carbon disulfide	ND	ug/l	10.				
2-Butanone	ND	ug/l	4.5				
Vinyl acetate	ND	ug/l	10.				
4-Methyl-2-pentanone	ND	ug/l	10.				
2-Hexanone	ND	ug/l	10.				
Ethyl methacrylate	ND	ug/l	10.				
Acrolein	ND	ug/l	25.				
Acrylonitrile	ND	ug/l	10.				
Bromochloromethane	ND	ug/l	5.0				
2,2-Dichloropropane	ND	ug/l	5.0				
1,2-Dibromoethane	ND	ug/l	5.0				
1,3-Dichloropropane	ND	ug/l	5.0				
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0				
Bromobenzene	ND	ug/l	5.0				
n-Butylbenzene	ND	ug/l	5.0				
sec-Butylbenzene	ND	ug/l	5.0				
tert-Butylbenzene	ND	ug/l	5.0				
o-Chlorotoluene	ND	ug/l	5.0				
p-Chlorotoluene	ND	ug/l	5.0				
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0				
Hexachlorobutadiene	ND	ug/l	5.0				
Isopropylbenzene	ND	ug/l	5.0				
p-Isopropyltoluene	ND	ug/l	5.0				
Naphthalene	ND	ug/l	5.0				
n-Propylbenzene	ND	ug/l	5.0				
1,2,3-Trichlorobenzene	ND	ug/l	5.0				
1,2,4-Trichlorobenzene	ND	ug/l	5.0				
1,3,5-Trimethylbenzene	ND	ug/l	5.0				
1,2,4-Trimethylbenzene	ND	ug/l	5.0				
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0				
Ethyl ether	ND	ug/l	25.				
Surrogate Recovery							
1,2-Dichloroethane-d4	103.	%					
Toluene-d8	98.0	%					
4-Bromofluorobenzene	94.0	%					
Dibromofluoromethane	100.	%					

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

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L9804096-26

Date Collected: 27-MAY-98

MW-TP-3

Date Received : 29-MAY-98

Sample Matrix:

WATER

Date Reported : 10-JUN-98

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-40ml VOA

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS	ID	
Volatile Organics by GC/MS 8260					1	8260B	02-Jun	JC
Methylene chloride	ND	ug/l	5.0					
1,1-Dichloroethane	ND	ug/l	1.5					
Chloroform	ND	ug/l	1.5					
Carbon tetrachloride	ND	ug/l	1.0					
1,2-Dichloropropane	ND	ug/l	3.5					
Dibromochloromethane	ND	ug/l	1.0					
1,1,2-Trichloroethane	ND	ug/l	1.5					
2-Chloroethylvinyl ether	ND	ug/l	10.					
Tetrachloroethene	ND	ug/l	1.5					
Chlorobenzene	ND	ug/l	3.5					
Trichlorofluoromethane	ND	ug/l	5.0					
1,2-Dichloroethane	ND	ug/l	1.5					
1,1,1-Trichloroethane	ND	ug/l	1.0					
Bromodichloromethane	ND	ug/l	1.0					
trans-1,3-Dichloropropene	ND	ug/l	1.5					
cis-1,3-Dichloropropene	ND	ug/l	1.0					
1,1-Dichloropropene	ND	ug/l	25.					
Bromoform	ND	ug/l	1.0					
1,1,1,2,2-Tetrachloroethane	ND	ug/l	1.0					
Benzene	ND	ug/l	1.0					
Toluene	ND	ug/l	1.5					
Ethylbenzene	ND	ug/l	1.0					
Chloromethane	ND	ug/l	10.					
Vinyl chloride	ND	ug/l	3.5					
Chloroethane	ND	ug/l	2.0					
1,1-Dichloroethene	ND	ug/l	1.5					
trans-1,2-Dichloroethene	ND	ug/l	1.5					
Trichloroethene	ND	ug/l	1.0					
1,2-Dichlorobenzene	14.	ug/l	10.					
1,3-Dichlorobenzene	ND	ug/l	10.					
1,4-Dichlorobenzene	ND	ug/l	10.					
Methyl tert butyl ether	ND	ug/l	10.					
p/m-Xylene	ND	ug/l	1.0					
o-Xylene	ND	ug/l	1.0					
cis-1,2-Dichloroethene	1.7	ug/l	1.0					
Dibromomethane	ND	ug/l	10.					
1,4-Dichlorobutane	ND	ug/l	10.					

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

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L9804096-26
MW-TP-3

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS
Volatile Organics by GC/MS 8260 continued				1	8260B	02-Jun 0
Iodomethane	ND	ug/l	10.			
1,2,3-Trichloropropane	ND	ug/l	10.			
Styrene	ND	ug/l	1.0			
Dichlorodifluoromethane	ND	ug/l	10.			
Acetone	ND	ug/l	10.			
Carbon disulfide	ND	ug/l	10.			
2-Butanone	ND	ug/l	4.5			
Vinyl acetate	ND	ug/l	10.			
4-Methyl-2-pentanone	ND	ug/l	10.			
2-Hexanone	ND	ug/l	10.			
Ethyl methacrylate	ND	ug/l	10.			
Acrolein	ND	ug/l	25.			
Acrylonitrile	ND	ug/l	10.			
Bromochloromethane	ND	ug/l	5.0			
2,2-Dichloropropane	ND	ug/l	5.0			
1,2-Dibromoethane	ND	ug/l	5.0			
1,3-Dichloropropane	ND	ug/l	5.0			
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0			
Bromobenzene	ND	ug/l	5.0			
n-Butylbenzene	ND	ug/l	5.0			
sec-Butylbenzene	ND	ug/l	5.0			
tert-Butylbenzene	ND	ug/l	5.0			
o-Chlorotoluene	ND	ug/l	5.0			
p-Chlorotoluene	ND	ug/l	5.0			
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0			
Hexachlorobutadiene	ND	ug/l	5.0			
Isopropylbenzene	ND	ug/l	5.0			
p-Isopropyltoluene	ND	ug/l	5.0			
Naphthalene	ND	ug/l	5.0			
n-Propylbenzene	ND	ug/l	5.0			
1,2,3-Trichlorobenzene	130	ug/l	5.0			
1,2,4-Trichlorobenzene	ND	ug/l	5.0			
1,3,5-Trimethylbenzene	ND	ug/l	5.0			
1,2,4-Trimethylbenzene	ND	ug/l	5.0			
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0			
Ethyl ether	ND	ug/l	25.			
Surrogate Recovery						
1,2-Dichloroethane-d4	90.0	%				
Toluene-d8	90.0	%				
4-Bromofluorobenzene	84.0	%				
Dibromofluoromethane	90.0	%				

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

ALPHA ANALYTICAL LABORATORIES
 CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L9804096-27 Date Collected: 27-MAY-98
 RAY-01 Date Received : 29-MAY-98
 Sample Matrix: WATER Date Reported : 10-JUN-98
 Condition of Sample: Satisfactory Field Prep: None
 Number & Type of Containers: 2-40ml VOA

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS	ID
Volatile Organics by GC/MS 8260				1	8260B	03-Jun	JC
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	1.5				
Chloroform	ND	ug/l	1.5				
Carbon tetrachloride	ND	ug/l	1.0				
1,2-Dichloropropane	ND	ug/l	3.5				
Dibromochloromethane	ND	ug/l	1.0				
1,1,2-Trichloroethane	ND	ug/l	1.5				
2-Chloroethylvinyl ether	ND	ug/l	10.				
Tetrachloroethene	2.1	ug/l	1.5				
Chlorobenzene	ND	ug/l	3.5				
Trichlorofluoromethane	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	1.5				
1,1,1-Trichloroethane	ND	ug/l	1.0				
Bromodichloromethane	ND	ug/l	1.0				
trans-1,3-Dichloropropene	ND	ug/l	1.5				
cis-1,3-Dichloropropene	ND	ug/l	1.0				
1,1-Dichloropropene	ND	ug/l	25.				
Bromoform	ND	ug/l	1.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0				
Benzene	ND	ug/l	1.0				
Toluene	ND	ug/l	1.5				
Ethylbenzene	ND	ug/l	1.0				
Chloromethane	ND	ug/l	10.				
Vinyl chloride	ND	ug/l	3.5				
Chloroethane	ND	ug/l	2.0				
1,1-Dichloroethene	ND	ug/l	1.5				
trans-1,2-Dichloroethene	ND	ug/l	1.5				
Trichloroethene	45.	ug/l	1.0				
1,2-Dichlorobenzene	ND	ug/l	10.				
1,3-Dichlorobenzene	ND	ug/l	10.				
1,4-Dichlorobenzene	ND	ug/l	10.				
Methyl tert butyl ether	ND	ug/l	10.				
p/m-Xylene	ND	ug/l	1.0				
o-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	1.1	ug/l	1.0				
Dibromomethane	ND	ug/l	10.				
1,4-Dichlorobutane	ND	ug/l	10.				

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

ALPHA ANALYTICAL LABORATORIES
 CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L9804096-27
 RAY-01

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS
Volatile Organics by GC/MS 8260 continued				1	8260B	03-Jun
Iodomethane	ND	ug/l	10.			
1,2,3-Trichloropropane	ND	ug/l	10.			
Styrene	ND	ug/l	1.0			
Dichlorodifluoromethane	ND	ug/l	10.			
Acetone	ND	ug/l	10.			
Carbon disulfide	ND	ug/l	10.			
2-Butanone	ND	ug/l	4.5			
Vinyl acetate	ND	ug/l	10.			
4-Methyl-2-pentanone	ND	ug/l	10.			
2-Hexanone	ND	ug/l	10.			
Ethyl methacrylate	ND	ug/l	10.			
Acrolein	ND	ug/l	25.			
Acrylonitrile	ND	ug/l	10.			
Bromochloromethane	ND	ug/l	5.0			
2,2-Dichloropropane	ND	ug/l	5.0			
1,2-Dibromoethane	ND	ug/l	5.0			
1,3-Dichloropropane	ND	ug/l	5.0			
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0			
Bromobenzene	ND	ug/l	5.0			
n-Butylbenzene	ND	ug/l	5.0			
sec-Butylbenzene	ND	ug/l	5.0			
tert-Butylbenzene	ND	ug/l	5.0			
o-Chlorotoluene	ND	ug/l	5.0			
p-Chlorotoluene	ND	ug/l	5.0			
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0			
Hexachlorobutadiene	ND	ug/l	5.0			
Isopropylbenzene	ND	ug/l	5.0			
p-Isopropyltoluene	ND	ug/l	5.0			
Naphthalene	ND	ug/l	5.0			
n-Propylbenzene	ND	ug/l	5.0			
1,2,3-Trichlorobenzene	ND	ug/l	5.0			
1,2,4-Trichlorobenzene	ND	ug/l	5.0			
1,3,5-Trimethylbenzene	ND	ug/l	5.0			
1,2,4-Trimethylbenzene	ND	ug/l	5.0			
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0			
Ethyl ether	ND	ug/l	25.			
Surrogate Recovery						
1,2-Dichloroethane-d4	106.	%				
Toluene-d8	100.	%				
4-Bromofluorobenzene	93.0	%				
Dibromofluoromethane	104.	%				

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

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L9804096-28 Date Collected: 27-MAY-98
ERM-DUP-1 Date Received : 29-MAY-98
Sample Matrix: WATER Date Reported : 10-JUN-98
Condition of Sample: Satisfactory Field Prep: None
Number & Type of Containers: 2-40ml VOA

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS	ID
Volatile Organics by GC/MS 8260				1	8260B	03-Jun	JC
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	1.5				
Chloroform	ND	ug/l	1.5				
Carbon tetrachloride	ND	ug/l	1.0				
1,2-Dichloropropane	ND	ug/l	3.5				
Dibromochloromethane	ND	ug/l	1.0				
1,1,2-Trichloroethane	ND	ug/l	1.5				
2-Chloroethylvinyl ether	ND	ug/l	10.				
Tetrachloroethene	ND	ug/l	1.5				
Chlorobenzene	ND	ug/l	3.5				
Trichlorofluoromethane	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	1.5				
1,1,1-Trichloroethane	ND	ug/l	1.0				
Bromodichloromethane	ND	ug/l	1.0				
trans-1,3-Dichloropropene	ND	ug/l	1.5				
cis-1,3-Dichloropropene	ND	ug/l	1.0				
1,1-Dichloropropene	ND	ug/l	25.				
Bromoform	ND	ug/l	1.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0				
Benzene	ND	ug/l	1.0				
Toluene	ND	ug/l	1.5				
Ethylbenzene	ND	ug/l	1.0				
Chloromethane	ND	ug/l	10.				
Vinyl chloride	ND	ug/l	3.5				
Chloroethane	ND	ug/l	2.0				
1,1-Dichloroethene	ND	ug/l	1.5				
trans-1,2-Dichloroethene	ND	ug/l	1.5				
Trichloroethene	ND	ug/l	1.0				
1,2-Dichlorobenzene	ND	ug/l	10.				
1,3-Dichlorobenzene	ND	ug/l	10.				
1,4-Dichlorobenzene	ND	ug/l	10.				
Methyl tert butyl ether	ND	ug/l	10.				
p/m-Xylene	ND	ug/l	1.0				
o-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	ND	ug/l	1.0				
Dibromomethane	ND	ug/l	10.				
1,4-Dichlorobutane	ND	ug/l	10.				

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

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L9804096-28
ERM-DUP-1

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS
Volatile Organics by GC/MS 8260 continued				1	8260B	03-Jun 5
Iodomethane	ND	ug/l	10.			
1,2,3-Trichloropropane	ND	ug/l	10.			
Styrene	ND	ug/l	1.0			
Dichlorodifluoromethane	ND	ug/l	10.			
Acetone	ND	ug/l	10.			
Carbon disulfide	ND	ug/l	10.			
2-Butanone	ND	ug/l	4.5			
Vinyl acetate	ND	ug/l	10.			
4-Methyl-2-pentanone	ND	ug/l	10.			
2-Hexanone	ND	ug/l	10.			
Ethyl methacrylate	ND	ug/l	10.			
Acrolein	ND	ug/l	25.			
Acrylonitrile	ND	ug/l	10.			
Bromochloromethane	ND	ug/l	5.0			
2,2-Dichloropropane	ND	ug/l	5.0			
1,2-Dibromoethane	ND	ug/l	5.0			
1,3-Dichloropropane	ND	ug/l	5.0			
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0			
Bromobenzene	ND	ug/l	5.0			
n-Butylbenzene	ND	ug/l	5.0			
sec-Butylbenzene	ND	ug/l	5.0			
tert-Butylbenzene	ND	ug/l	5.0			
o-Chlorotoluene	ND	ug/l	5.0			
p-Chlorotoluene	ND	ug/l	5.0			
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0			
Hexachlorobutadiene	ND	ug/l	5.0			
Isopropylbenzene	ND	ug/l	5.0			
p-Isopropyltoluene	ND	ug/l	5.0			
Naphthalene	ND	ug/l	5.0			
n-Propylbenzene	ND	ug/l	5.0			
1,2,3-Trichlorobenzene	ND	ug/l	5.0			
1,2,4-Trichlorobenzene	ND	ug/l	5.0			
1,3,5-Trimethylbenzene	ND	ug/l	5.0			
1,2,4-Trimethylbenzene	ND	ug/l	5.0			
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0			
Ethyl ether	ND	ug/l	25.			
Surrogate Recovery						
1,2-Dichloroethane-d4	109.	%				
Toluene-d8	102.	%				
4-Bromofluorobenzene	96.0	%				
Dibromofluoromethane	106.	%				

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

ALPHA ANALYTICAL LABORATORIES
 CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L9804096-29 Date Collected: 27-MAY-98
 ERM-DUP-2 Date Received : 29-MAY-98
 Sample Matrix: WATER Date Reported : 10-JUN-98
 Condition of Sample: Satisfactory Field Prep: None

Number & Type of Containers: 2-40ml VOA

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
						PREP ANALYSIS	
Volatile Organics by GC/MS 8260				1	8260B	03-Jun	JC
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	1.5				
Chloroform	ND	ug/l	1.5				
Carbon tetrachloride	ND	ug/l	1.0				
1,2-Dichloropropane	ND	ug/l	3.5				
Dibromochloromethane	ND	ug/l	1.0				
1,1,2-Trichloroethane	ND	ug/l	1.5				
2-Chloroethylvinyl ether	ND	ug/l	10.				
Tetrachloroethene	3.8	ug/l	1.5				
Chlorobenzene	ND	ug/l	3.5				
Trichlorofluoromethane	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	1.5				
1,1,1-Trichloroethane	ND	ug/l	1.0				
Bromodichloromethane	ND	ug/l	1.0				
trans-1,3-Dichloropropene	ND	ug/l	1.5				
cis-1,3-Dichloropropene	ND	ug/l	1.0				
1,1-Dichloropropene	ND	ug/l	25.				
Bromoform	ND	ug/l	1.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0				
Benzene	ND	ug/l	1.0				
Toluene	ND	ug/l	1.5				
Ethylbenzene	ND	ug/l	1.0				
Chloromethane	ND	ug/l	10.				
Bromomethane	ND	ug/l	2.0				
Vinyl chloride	ND	ug/l	3.5				
Chloroethane	ND	ug/l	2.0				
1,1-Dichloroethene	ND	ug/l	1.5				
trans-1,2-Dichloroethene	ND	ug/l	1.5				
Trichloroethene	36.	ug/l	1.0				
1,2-Dichlorobenzene	ND	ug/l	10.				
1,3-Dichlorobenzene	ND	ug/l	10.				
1,4-Dichlorobenzene	ND	ug/l	10.				
Methyl tert butyl ether	ND	ug/l	10.				
p/m-Xylene	ND	ug/l	1.0				
o-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	1.2	ug/l	1.0				
Dibromomethane	ND	ug/l	10.				

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

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L9804096-29
ERM-DUP-2

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS
Volatile Organics by GC/MS 8260 continued				1	8260B	03-Jun
1,4-Dichlorobutane	ND	ug/l	10.			
Iodomethane	ND	ug/l	10.			
1,2,3-Trichloropropane	ND	ug/l	10.			
Styrene	ND	ug/l	1.0			
Dichlorodifluoromethane	ND	ug/l	10.			
Acetone	ND	ug/l	10.			
Carbon disulfide	ND	ug/l	10.			
2-Butanone	ND	ug/l	4.5			
Vinyl acetate	ND	ug/l	10.			
4-Methyl-2-pentanone	ND	ug/l	10.			
2-Hexanone	ND	ug/l	10.			
Ethyl methacrylate	ND	ug/l	10.			
Acrolein	ND	ug/l	25.			
Acrylonitrile	ND	ug/l	10.			
Bromochloromethane	ND	ug/l	5.0			
2,2-Dichloropropane	ND	ug/l	5.0			
1,2-Dibromoethane	ND	ug/l	5.0			
1,3-Dichloropropane	ND	ug/l	5.0			
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0			
Bromobenzene	ND	ug/l	5.0			
n-Butylbenzene	ND	ug/l	5.0			
sec-Butylbenzene	ND	ug/l	5.0			
tert-Butylbenzene	ND	ug/l	5.0			
o-Chlorotoluene	ND	ug/l	5.0			
p-Chlorotoluene	ND	ug/l	5.0			
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0			
Hexachlorobutadiene	ND	ug/l	5.0			
Isopropylbenzene	ND	ug/l	5.0			
p-Isopropyltoluene	ND	ug/l	5.0			
Naphthalene	ND	ug/l	5.0			
n-Propylbenzene	ND	ug/l	5.0			
1,2,3-Trichlorobenzene	ND	ug/l	5.0			
1,2,4-Trichlorobenzene	ND	ug/l	5.0			
1,3,5-Trimethylbenzene	ND	ug/l	5.0			
1,2,4-Trimethylbenzene	ND	ug/l	5.0			
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0			
Ethyl ether	ND	ug/l	25.			
Surrogate Recovery						
1,2-Dichloroethane-d4	104.	%				
Toluene-d8	99.0	%				
4-Bromofluorobenzene	95.0	%				
Dibromofluoromethane	104.	%				

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

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L9804096-30 Date Collected: 20-MAY-98
 Sample Matrix: TRIP BLANK Date Received : 29-MAY-98
 WATER Date Reported : 10-JUN-98
 Condition of Sample: Satisfactory Field Prep: None
 Number & Type of Containers: 2-40ml VOA

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS	ID
Volatile Organics by GC/MS 8260				1	8260B	02-Jun	JC
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	1.5				
Chloroform	ND	ug/l	1.5				
Carbon tetrachloride	ND	ug/l	1.0				
1,2-Dichloropropane	ND	ug/l	3.5				
Dibromochloromethane	ND	ug/l	1.0				
1,1,2-Trichloroethane	ND	ug/l	1.5				
2-Chloroethylvinyl ether	ND	ug/l	10.				
Tetrachloroethene	ND	ug/l	1.5				
Chlorobenzene	ND	ug/l	3.5				
Trichlorofluoromethane	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	1.5				
1,1,1-Trichloroethane	ND	ug/l	1.0				
Bromodichloromethane	ND	ug/l	1.0				
trans-1,3-Dichloropropene	ND	ug/l	1.5				
cis-1,3-Dichloropropene	ND	ug/l	1.0				
1,1-Dichloropropene	ND	ug/l	25.				
Bromoform	ND	ug/l	1.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0				
Benzene	ND	ug/l	1.0				
Toluene	ND	ug/l	1.5				
Ethylbenzene	ND	ug/l	1.0				
Chloromethane	ND	ug/l	10.				
Bromomethane	ND	ug/l	2.0				
Vinyl chloride	ND	ug/l	3.5				
Chloroethane	ND	ug/l	2.0				
1,1-Dichloroethene	ND	ug/l	1.5				
trans-1,2-Dichloroethene	ND	ug/l	1.5				
Trichloroethene	ND	ug/l	1.0				
1,2-Dichlorobenzene	ND	ug/l	10.				
1,3-Dichlorobenzene	ND	ug/l	10.				
1,4-Dichlorobenzene	ND	ug/l	10.				
Methyl tert butyl ether	ND	ug/l	10.				
p/m-Xylene	ND	ug/l	1.0				
o-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	ND	ug/l	1.0				
Dibromomethane	ND	ug/l	10.				

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

**ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS**

Laboratory Sample Number: L9804096-30
TRIP BLANK

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS	II
Volatile Organics by GC/MS 8260 continued				1	8260B	02-Jun	
1,4-Dichlorobutane	ND	ug/l	10.				
Iodomethane	ND	ug/l	10.				
1,2,3-Trichloropropane	ND	ug/l	10.				
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	10.				
Acetone	ND	ug/l	10.				
Carbon disulfide	ND	ug/l	10.				
2-Butanone	ND	ug/l	4.5				
Vinyl acetate	ND	ug/l	10.				
4-Methyl-2-pentanone	ND	ug/l	10.				
2-Hexanone	ND	ug/l	10.				
Ethyl methacrylate	ND	ug/l	10.				
Acrolein	ND	ug/l	25.				
Acrylonitrile	ND	ug/l	10.				
Bromochloromethane	ND	ug/l	5.0				
2,2-Dichloropropane	ND	ug/l	5.0				
1,2-Dibromoethane	ND	ug/l	5.0				
1,3-Dichloropropane	ND	ug/l	5.0				
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0				
Bromobenzene	ND	ug/l	5.0				
n-Butylbenzene	ND	ug/l	5.0				
sec-Butylbenzene	ND	ug/l	5.0				
tert-Butylbenzene	ND	ug/l	5.0				
o-Chlorotoluene	ND	ug/l	5.0				
p-Chlorotoluene	ND	ug/l	5.0				
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0				
Hexachlorobutadiene	ND	ug/l	5.0				
Isopropylbenzene	ND	ug/l	5.0				
p-Isopropyltoluene	ND	ug/l	5.0				
Naphthalene	ND	ug/l	5.0				
n-Propylbenzene	ND	ug/l	5.0				
1,2,3-Trichlorobenzene	ND	ug/l	5.0				
1,2,4-Trichlorobenzene	ND	ug/l	5.0				
1,3,5-Trimethylbenzene	ND	ug/l	5.0				
1,2,4-Trimethylbenzene	ND	ug/l	5.0				
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0				
Ethyl ether	ND	ug/l	25.				
Surrogate Recovery							
1,2-Dichloroethane-d4	104.	%					
Toluene-d8	93.0	%					
4-Bromofluorobenzene	92.0	%					
Dibromofluoromethane	101.	%					

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

ALPHA ANALYTICAL LABORATORIES
 QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L9804096

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS	ID
Blank Analysis for sample(s) 19-30							
Volatile Organics by GC/MS 8260				1	8260B	03-Jun	JC
Methylene chloride	ND	ug/l	5.0				
1,1-Dichloroethane	ND	ug/l	1.5				
Chloroform	ND	ug/l	1.5				
Carbon tetrachloride	ND	ug/l	1.0				
1,2-Dichloropropane	ND	ug/l	3.5				
Dibromochloromethane	ND	ug/l	1.0				
1,1,2-Trichloroethane	ND	ug/l	1.5				
2-Chloroethylvinyl ether	ND	ug/l	10.				
Tetrachloroethene	ND	ug/l	1.5				
Chlorobenzene	ND	ug/l	3.5				
Trichlorofluoromethane	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	1.5				
1,1,1-Trichloroethane	ND	ug/l	1.0				
Bromodichloromethane	ND	ug/l	1.0				
trans-1,3-Dichloropropene	ND	ug/l	1.5				
cis-1,3-Dichloropropene	ND	ug/l	1.0				
1,1-Dichloropropene	ND	ug/l	25.				
Bromoform	ND	ug/l	1.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0				
Benzene	ND	ug/l	1.0				
Toluene	ND	ug/l	1.5				
Ethylbenzene	ND	ug/l	1.0				
Chloromethane	ND	ug/l	10.				
Bromomethane	ND	ug/l	2.0				
Vinyl chloride	ND	ug/l	3.5				
Chloroethane	ND	ug/l	2.0				
1,1-Dichloroethene	ND	ug/l	1.5				
trans-1,2-Dichloroethene	ND	ug/l	1.5				
Trichloroethene	ND	ug/l	1.0				
1,2-Dichlorobenzene	ND	ug/l	10.				
1,3-Dichlorobenzene	ND	ug/l	10.				
1,4-Dichlorobenzene	ND	ug/l	10.				
Methyl tert butyl ether	ND	ug/l	10.				
p/m-Xylene	ND	ug/l	1.0				
o-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	ND	ug/l	1.0				
Dibromomethane	ND	ug/l	10.				
1,4-Dichlorobutane	ND	ug/l	10.				
Iodomethane	ND	ug/l	10.				
1,2,3-Trichloropropane	ND	ug/l	10.				
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	10.				
Acetone	ND	ug/l	10.				
Carbon disulfide	ND	ug/l	10.				
2-Butanone	ND	ug/l	4.5				
Vinyl acetate	ND	ug/l	10.				

ALPHA ANALYTICAL LABORATORIES
 QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L9804096

Continued

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS
Blank Analysis for sample(s) 19-30						
Volatile Organics by GC/MS 8260 continued				1	8260B	03-Jun
4-Methyl-2-pentanone	ND	ug/l	10.			
2-Hexanone	ND	ug/l	10.			
Ethyl methacrylate	ND	ug/l	10.			
Acrolein	ND	ug/l	25.			
Acrylonitrile	ND	ug/l	10.			
Bromochloromethane	ND	ug/l	5.0			
2,2-Dichloropropane	ND	ug/l	5.0			
1,2-Dibromoethane	ND	ug/l	5.0			
1,3-Dichloropropane	ND	ug/l	5.0			
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0			
Bromobenzene	ND	ug/l	5.0			
n-Butylbenzene	ND	ug/l	5.0			
sec-Butylbenzene	ND	ug/l	5.0			
tert-Butylbenzene	ND	ug/l	5.0			
o-Chlorotoluene	ND	ug/l	5.0			
p-Chlorotoluene	ND	ug/l	5.0			
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0			
Hexachlorobutadiene	ND	ug/l	5.0			
Isopropylbenzene	ND	ug/l	5.0			
p-Isopropyltoluene	ND	ug/l	5.0			
Naphthalene	ND	ug/l	5.0			
n-Propylbenzene	ND	ug/l	5.0			
1,2,3-Trichlorobenzene	ND	ug/l	5.0			
1,2,4-Trichlorobenzene	ND	ug/l	5.0			
1,3,5-Trimethylbenzene	ND	ug/l	5.0			
1,2,4-Trimethylbenzene	ND	ug/l	5.0			
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0			
Ethyl ether	ND	ug/l	25.			
Surrogate Recovery						
1,2-Dichloroethane-d4	101.	%				
Toluene-d8	99.0	%				
4-Bromofluorobenzene	97.0	%				
Dibromofluoromethane	100.	%				
Blank Analysis for sample(s) 01-18						
Volatile Organics by GC/MS 8260				1	8260B	02-Jun
Methylene chloride	ND	ug/l	5.0			
1,1-Dichloroethane	ND	ug/l	1.5			
Chloroform	ND	ug/l	1.5			
Carbon tetrachloride	ND	ug/l	1.0			
1,2-Dichloropropane	ND	ug/l	3.5			
Dibromochloromethane	ND	ug/l	1.0			
1,1,2-Trichloroethane	ND	ug/l	1.5			
2-Chloroethylvinyl ether	ND	ug/l	10.			

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L9804096

Continued

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES	ID
							PREP ANALYSIS
Blank Analysis for sample(s) 01-18							
Volatile Organics by GC/MS 8260 continued				1	8260B	02-Jun	JC
Tetrachloroethene	ND	ug/l	1.5				
Chlorobenzene	ND	ug/l	3.5				
Trichlorofluoromethane	ND	ug/l	5.0				
1,2-Dichloroethane	ND	ug/l	1.5				
1,1,1-Trichloroethane	ND	ug/l	1.0				
Bromodichloromethane	ND	ug/l	1.0				
trans-1,3-Dichloropropene	ND	ug/l	1.5				
cis-1,3-Dichloropropene	ND	ug/l	1.0				
1,1-Dichloropropene	ND	ug/l	25.				
Bromoform	ND	ug/l	1.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0				
Benzene	ND	ug/l	1.0				
Toluene	ND	ug/l	1.5				
Ethylbenzene	ND	ug/l	1.0				
Chloromethane	ND	ug/l	10.				
Vinyl chloride	ND	ug/l	3.5				
Chloroethane	ND	ug/l	2.0				
1,1-Dichloroethene	ND	ug/l	1.5				
trans-1,2-Dichloroethene	ND	ug/l	1.5				
Trichloroethene	ND	ug/l	1.0				
1,2-Dichlorobenzene	ND	ug/l	10.				
1,3-Dichlorobenzene	ND	ug/l	10.				
1,4-Dichlorobenzene	ND	ug/l	10.				
Methyl tert butyl ether	ND	ug/l	10.				
p/m-Xylene	ND	ug/l	1.0				
o-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	ND	ug/l	1.0				
Dibromomethane	ND	ug/l	10.				
1,4-Dichlorobutane	ND	ug/l	10.				
Iodomethane	ND	ug/l	10.				
1,2,3-Trichloropropane	ND	ug/l	10.				
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	10.				
Acetone	ND	ug/l	10.				
Carbon disulfide	ND	ug/l	10.				
2-Butanone	ND	ug/l	4.5				
Vinyl acetate	ND	ug/l	10.				
4-Methyl-2-pentanone	ND	ug/l	10.				
2-Hexanone	ND	ug/l	10.				
Ethyl methacrylate	ND	ug/l	10.				
Acrolein	ND	ug/l	25.				
Acrylonitrile	ND	ug/l	10.				
Bromochloromethane	ND	ug/l	5.0				
Tetrahydrofuran	ND	ug/l	50.				
2,2-Dichloropropane	ND	ug/l	5.0				
1,2-Dibromoethane	ND	ug/l	5.0				
1,3-Dichloropropane	ND	ug/l	5.0				

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

Laboratory Job Number: L9804096

Continued

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS
Blank Analysis for sample(s) 01-18						
Volatile Organics by GC/MS 8260 continued				1	8260B	02-Jun
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0			
Bromobenzene	ND	ug/l	5.0			
n-Butylbenzene	ND	ug/l	5.0			
sec-Butylbenzene	ND	ug/l	5.0			
tert-Butylbenzene	ND	ug/l	5.0			
o-Chlorotoluene	ND	ug/l	5.0			
p-Chlorotoluene	ND	ug/l	5.0			
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0			
Hexachlorobutadiene	ND	ug/l	5.0			
Isopropylbenzene	ND	ug/l	5.0			
p-Isopropyltoluene	ND	ug/l	5.0			
Naphthalene	ND	ug/l	5.0			
n-Propylbenzene	ND	ug/l	5.0			
1,2,3-Trichlorobenzene	ND	ug/l	5.0			
1,2,4-Trichlorobenzene	ND	ug/l	5.0			
1,3,5-Trimethylbenzene	ND	ug/l	5.0			
1,2,4-Trimethylbenzene	ND	ug/l	5.0			
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0			
Ethyl ether	ND	ug/l	25.			
Surrogate Recovery						
1,2-Dichloroethane-d4	96.0	%				
Toluene-d8	102.	%				
4-Bromofluorobenzene	96.0	%				
Dibromofluoromethane	102.	%				
Blank Analysis for sample(s) 01-18						
Volatile Organics by GC/MS 8260				1	8260B	02-Jun
Methylene chloride	ND	ug/l	5.0			
1,1-Dichloroethane	ND	ug/l	1.5			
Chloroform	ND	ug/l	1.5			
Carbon tetrachloride	ND	ug/l	1.0			
1,2-Dichloropropane	ND	ug/l	3.5			
Dibromochloromethane	ND	ug/l	1.0			
1,1,2-Trichloroethane	ND	ug/l	1.5			
2-Chloroethylvinyl ether	ND	ug/l	10.			
Tetrachloroethene	ND	ug/l	1.5			
Chlorobenzene	ND	ug/l	3.5			
Trichlorofluoromethane	ND	ug/l	5.0			
1,2-Dichloroethane	ND	ug/l	1.5			
1,1,1-Trichloroethane	ND	ug/l	1.0			
Bromodichloromethane	ND	ug/l	1.0			
trans-1,3-Dichloropropene	ND	ug/l	1.5			
cis-1,3-Dichloropropene	ND	ug/l	1.0			
1,1-Dichloropropene	ND	ug/l	25.			

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

Laboratory Job Number: L9804096

Continued

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS	ID
Blank Analysis for sample(s) 01-18							
Volatile Organics by GC/MS 8260 continued				1	8260B	02-Jun	JC
Bromoform	ND	ug/l	1.0				
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0				
Benzene	ND	ug/l	1.0				
Toluene	ND	ug/l	1.5				
Ethylbenzene	ND	ug/l	1.0				
Chloromethane	ND	ug/l	10.				
Vinyl chloride	ND	ug/l	3.5				
Chloroethane	ND	ug/l	2.0				
trans-1,2-Dichloroethene	ND	ug/l	1.5				
Trichloroethene	ND	ug/l	1.0				
1,2-Dichlorobenzene	ND	ug/l	10.				
1,3-Dichlorobenzene	ND	ug/l	10.				
1,4-Dichlorobenzene	ND	ug/l	10.				
Methyl tert butyl ether	ND	ug/l	10.				
p/m-Xylene	ND	ug/l	1.0				
o-Xylene	ND	ug/l	1.0				
cis-1,2-Dichloroethene	ND	ug/l	1.0				
Dibromomethane	ND	ug/l	10.				
1,4-Dichlorobutane	ND	ug/l	10.				
Iodomethane	ND	ug/l	10.				
1,2,3-Trichloropropane	ND	ug/l	10.				
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	10.				
Acetone	ND	ug/l	10.				
Carbon disulfide	ND	ug/l	10.				
2-Butanone	ND	ug/l	4.5				
Vinyl acetate	ND	ug/l	10.				
4-Methyl-2-pentanone	ND	ug/l	10.				
2-Hexanone	ND	ug/l	10.				
Ethyl methacrylate	ND	ug/l	10.				
Acrolein	ND	ug/l	25.				
Acrylonitrile	ND	ug/l	10.				
Bromochloromethane	ND	ug/l	5.0				
Tetrahydrofuran	ND	ug/l	50.				
2,2-Dichloropropane	ND	ug/l	5.0				
1,2-Dibromoethane	ND	ug/l	5.0				
1,3-Dichloropropane	ND	ug/l	5.0				
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0				
Bromobenzene	ND	ug/l	5.0				
n-Butylbenzene	ND	ug/l	5.0				
sec-Butylbenzene	ND	ug/l	5.0				
tert-Butylbenzene	ND	ug/l	5.0				
o-Chlorotoluene	ND	ug/l	5.0				
p-Chlorotoluene	ND	ug/l	5.0				
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0				
Hexachlorobutadiene	ND	ug/l	5.0				
Isopropylbenzene	ND	ug/l	5.0				

ALPHA ANALYTICAL LABORATORIES
 QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L9804096

Continued

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP ANALYSIS
Blank Analysis for sample(s) 01-18						
Volatile Organics by GC/MS 8260 continued				1	8260B	02-Jun J
p-Isopropyltoluene	ND	ug/l	5.0			
Naphthalene	ND	ug/l	5.0			
n-Propylbenzene	ND	ug/l	5.0			
1,2,3-Trichlorobenzene	ND	ug/l	5.0			
1,2,4-Trichlorobenzene	ND	ug/l	5.0			
1,3,5-Trimethylbenzene	ND	ug/l	5.0			
1,2,4-Trimethylbenzene	ND	ug/l	5.0			
trans-1,4-Dichloro-2-butene	ND	ug/l	5.0			
Ethyl ether	ND	ug/l	25.			
Surrogate Recovery						
1,2-Dichloroethane-d4	107.	%				
Toluene-d8	103.	%				
4-Bromofluorobenzene	102.	%				
Dibromofluoromethane	103.	%				

**ALPHA ANALYTICAL LABORATORIES
ADDENDUM I**

REFERENCES

1. Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Update III, 1997.

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.

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