

APPENDIX B

LABORATORY ANALYTICAL RESULTS



AmeriSci Boston
Eight School Street
Weymouth, MA 02189
781-337-9334

Laboratory Report

Report Date 11/02/2004
Workorder No. 0410-00324

Customer: ATC Associates
104 East 25th Street
New York, NY 10010

Attention: Ms. Nicole Garelick
Subject: DDC-WARREN ST. CORRIDOR

Sample: 001 SB-1 (14-15")
Date: 10/23/2004 Time: 10:40:00AM
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Volatile Organics					NAC	10/28/2004	
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	4.4	NAC	10/28/2004	
Chloromethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Bromomethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Chloroethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Acrolein	EPA 8260B	ND	ug/Kg	55	NAC	10/28/2004	
Acetone	EPA 8260B	ND	ug/Kg	55	NAC	10/28/2004	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Iodomethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	55	NAC	10/28/2004	
Methylene Chloride	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Acrylonitrile	EPA 8260B	ND	ug/Kg	55	NAC	10/28/2004	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	55	NAC	10/28/2004	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	55	NAC	10/28/2004	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Chloroform	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Bromochloromethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Benzene	EPA 8260B	ND	ug/Kg	2.2	NAC	10/28/2004	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 CA:205C NJ: 5974
ND = Not Detected PQL= Practical Quantitation Limit

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Customer: ATC Associates

Workorder No. 0410-00324

Sample: 001 SB-1 (14-15')
(Continued)

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Trichloroethylene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	55	NAC	10/28/2004	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	2.2	NAC	10/28/2004	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	55	NAC	10/28/2004	
Toluene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	2.2	NAC	10/28/2004	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
2-Hexanone	EPA 8260B	ND	ug/Kg	55	NAC	10/28/2004	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Chlorobenzene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Ethylbenzene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
O-XYLENE	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
M & P XYLENE	EPA 8260B	ND	ug/Kg	22	NAC	10/28/2004	
Styrene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Bromoform	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	4.4	NAC	10/28/2004	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Bromobenzene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 CA:2050 NJ: 5974
ND = Not Detected PQL= Practical Quantitation Limit

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Customer: ATC-Associates

Workorder No. 0410-00324

Sample: 001 SB-1 (14-15')
(Continued)

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	4.4	NAC	10/28/2004	
1,2-Dibromo-3-Chloropropan	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Naphthalene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
DIBROMOFLUOROMETHANE		94.7	%		NAC	10/28/2004	
TOLUENE-D8 (SURROGATE)		103	%		NAC	10/28/2004	
4-BROMOFLUOROBENZENE		93.0	%		NAC	10/28/2004	
B/NA Extractables Soil					SUB	10/29/2004	
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	540	SUB	10/29/2004	
Phenol	EPA 8270C	ND	ug/Kg	540	SUB	10/29/2004	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	540	SUB	10/29/2004	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	540	SUB	10/29/2004	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	540	SUB	10/29/2004	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	540	SUB	10/29/2004	
2,2'-oxybis(1-Chloropropane)	EPA 8270C	ND	ug/Kg	1080	SUB	10/29/2004	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	1080	SUB	10/29/2004	
Hexachloroethane	EPA 8270C	ND	ug/Kg	520	SUB	10/29/2004	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	590	SUB	10/29/2004	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	2200	SUB	10/29/2004	
Nitrobenzene	EPA 8270C	ND	ug/Kg	540	SUB	10/29/2004	
Isophorone	EPA 8270C	ND	ug/Kg	540	SUB	10/29/2004	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	1100	SUB	10/29/2004	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	1100	SUB	10/29/2004	
bis (2-Chloroethoxy)	EPA 8270C	ND	ug/Kg	540	SUB	10/29/2004	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	540	SUB	10/29/2004	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	540	SUB	10/29/2004	
Naphthalene	EPA 8270C	ND	ug/Kg	540	SUB	10/29/2004	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	460	SUB	10/29/2004	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	540	SUB	10/29/2004	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	540	SUB	10/29/2004	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	370	SUB	10/29/2004	

Certifications: MA: MAD69 NY:10982 CT: PH0119 RI:A45 CA:205C NJ: 5974

ND = Not Detected PQL= Practical Quantitation Limit

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Customer: ATC-Associates

Workorder No. 0410-00324

Sample: 001 SB-1 (14-15')
(Continued)

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	540	SUB	10/29/2004	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	540	SUB	10/29/2004	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	540	SUB	10/29/2004	
Acenaphthylene	EPA 8270C	ND	ug/Kg	540	SUB	10/29/2004	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	540	SUB	10/29/2004	
Acenaphthene	EPA 8270C	ND	ug/Kg	540	SUB	10/29/2004	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	540	SUB	10/29/2004	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	540	SUB	10/29/2004	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	1100	SUB	10/29/2004	
Fluorene	EPA 8270C	ND	ug/Kg	540	SUB	10/29/2004	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	540	SUB	10/29/2004	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	540	SUB	10/29/2004	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	1100	SUB	10/29/2004	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	540	SUB	10/29/2004	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	540	SUB	10/29/2004	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	290	SUB	10/29/2004	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	540	SUB	10/29/2004	
Phenanthrene	EPA 8270C	ND	ug/Kg	540	SUB	10/29/2004	
Anthracene	EPA 8270C	ND	ug/Kg	540	SUB	10/29/2004	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	540	SUB	10/29/2004	
Fluoranthene	EPA 8270C	ND	ug/Kg	540	SUB	10/29/2004	
Benzidine	EPA 8270C	ND	ug/Kg	5400	SUB	10/29/2004	
Pyrene	EPA 8270C	ND	ug/Kg	540	SUB	10/29/2004	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	540	SUB	10/29/2004	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	2200	SUB	10/29/2004	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	300	SUB	10/29/2004	
Chrysene	EPA 8270C	ND	ug/Kg	340	SUB	10/29/2004	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	540	SUB	10/29/2004	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	540	SUB	10/29/2004	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	360	SUB	10/29/2004	
Benzo(b,k)fluoranthene	EPA 8270C	ND	ug/Kg	650	SUB	10/29/2004	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	350	SUB	10/29/2004	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	350	SUB	10/29/2004	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	330	SUB	10/29/2004	
2-FLUOROPHENOL (SURR)		68.1	%		SUB	10/29/2004	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 CA:205C NJ: 5974

ND = Not Detected PQL= Practical Quantitation Limit

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NOV. 02. 2004. TUE 10:55 PM AMERISCI BOSTON

FAX No. 781 337 7642

P. 006



Customer: ATC Associates

Workorder No. 0410-00324

Sample: 001 SB-1 (14-15')
(Continued)

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
PHENOL-D5 (SURR)		68.1	%		SUB	10/29/2004	
NITROBENZENE-D5 (SURR)		52.1	%		SUB	10/29/2004	
2-FLUOROBIPHENYL (SUR)		50.3	%		SUB	10/29/2004	
2,4,6-TRIBROMOPHENOL (SUR)		85.5	%		SUB	10/29/2004	
TERPHENYL-D14 (SURR)		70.7	%		SUB	10/29/2004	
Priority Pollutant Metals						00/00/0000	
Arsenic	6010B, SW-846	ND	mg/Kg	1.05	VEN	10/30/2004	
Antimony	6010B, SW-846	ND	mg/Kg	2.10	VEN	10/30/2004	
Beryllium	6010B, SW-846	ND	mg/Kg	0.315	VEN	10/30/2004	
Cadmium	6010B, SW-846	ND	mg/Kg	0.315	VEN	10/30/2004	
Chromium	6010B, SW-846	8.52	mg/Kg	1.05	VEN	10/30/2004	
Copper	6010B, SW-846	14.6	mg/Kg	5.25	VEN	10/30/2004	
Lead	6010B, SW-846	6.18	mg/Kg	3.15	VEN	10/30/2004	
Mercury	SW-846; 7471	ND	mg/Kg	0.04	JRH	11/02/2004	
Nickel	6010B, SW-846	32.2	mg/Kg	4.20	VEN	10/30/2004	
Selenium	6010B, SW-846	ND	mg/Kg	2.10	VEN	10/30/2004	
Silver	6010B, SW-846	ND	mg/Kg	0.315	VEN	10/30/2004	
Zinc	6010B, SW-846	32.3	mg/Kg	5.25	VEN	10/30/2004	
Thallium	6010B, SW-846	ND	mg/Kg	2.10	VEN	10/30/2004	
Percent Solids		90.7	%		TLL	10/27/2004	

Sample: 002 SB-2 (8-10')
Date: 10/23/2004 Time: 12:00:00PM
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Volatile Organics					NAC	10/28/2004	
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	4.2	NAC	10/28/2004	
Chloromethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Bromomethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Chloroethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Acrolein	EPA 8260B	ND	ug/Kg	53	NAC	10/28/2004	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 CA:205C NJ: 5974
ND = Not Detected PQL= Practical Quantitation Limit

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CITY_21MC100_007211005



Customer: ATG Associates

Workorder No. 0410-00324

Sample: 002 SB-2 (8-10')
(Continued)

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Acetone	EPA 8260B	ND	ug/Kg	53	NAC	10/28/2004	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Iodomethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	53	NAC	10/28/2004	
Methylene Chloride	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Acrylonitrile	EPA 8260B	ND	ug/Kg	53	NAC	10/28/2004	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	53	NAC	10/28/2004	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	53	NAC	10/28/2004	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Chloroform	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Bromochloromethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Benzene	EPA 8260B	ND	ug/Kg	2.1	NAC	10/28/2004	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Trichloroethylene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	53	NAC	10/28/2004	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	2.1	NAC	10/28/2004	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	53	NAC	10/28/2004	
Toluene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	2.1	NAC	10/28/2004	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
2-Hexanone	EPA 8260B	ND	ug/Kg	53	NAC	10/28/2004	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Chlorobenzene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 CA:2050 NJ: 5974

ND = Not Detected PQL = Practical Quantitation Limit

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AMERISCI

Customer: ATC Associates

Workorder No. 0410-00324

Sample: 002 SB-2 (8-10')
(Continued)

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Ethylbenzene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
O-XYLENE	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
M & P XYLENE	EPA 8260B	ND	ug/Kg	21	NAC	10/28/2004	
Styrene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Bromoform	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	4.2	NAC	10/28/2004	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Bromobenzene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	4.2	NAC	10/28/2004	
1,2-Dibromo-3-Chloropropan	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Naphthalene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
DIBROMOFLUOROMETHANE		60.5	%		NAC	10/28/2004	M
TOLUENE-D8 (SURROGATE)		99.3	%		NAC	10/28/2004	
4-BROMOFLUOROBENZENE		77.5	%		NAC	10/28/2004	
B/NA Extractables Soil					SUB	10/29/2004	
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	560	SUB	10/29/2004	
Phenol	EPA 8270C	ND	ug/Kg	560	SUB	10/29/2004	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	560	SUB	10/29/2004	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	560	SUB	10/29/2004	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 CA:205C NJ: 59742
ND = Not Detected PQL= Practical Quantitation Limit

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Customer: ATC Associates

Workorder No. 0410-00324

Sample: 002 SB-2 (8-10')
(Continued)

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	560	SUB	10/29/2004	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	560	SUB	10/29/2004	
2,2'-oxybis(1-Chloropropane)	EPA 8270C	ND	ug/Kg	1120	SUB	10/29/2004	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	1120	SUB	10/29/2004	
Hexachloroethane	EPA 8270C	ND	ug/Kg	540	SUB	10/29/2004	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	600	SUB	10/29/2004	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	2200	SUB	10/29/2004	
Nitrobenzene	EPA 8270C	ND	ug/Kg	560	SUB	10/29/2004	
Isophorone	EPA 8270C	ND	ug/Kg	560	SUB	10/29/2004	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	1100	SUB	10/29/2004	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	1100	SUB	10/29/2004	
bis (2-Chloroethoxy)	EPA 8270C	ND	ug/Kg	560	SUB	10/29/2004	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	560	SUB	10/29/2004	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	560	SUB	10/29/2004	
Naphthalene	EPA 8270C	ND	ug/Kg	560	SUB	10/29/2004	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	470	SUB	10/29/2004	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	560	SUB	10/29/2004	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	560	SUB	10/29/2004	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	380	SUB	10/29/2004	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	560	SUB	10/29/2004	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	560	SUB	10/29/2004	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	560	SUB	10/29/2004	
Acenaphthylene	EPA 8270C	ND	ug/Kg	560	SUB	10/29/2004	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	560	SUB	10/29/2004	
Acenaphthene	EPA 8270C	ND	ug/Kg	560	SUB	10/29/2004	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	560	SUB	10/29/2004	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	560	SUB	10/29/2004	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	1100	SUB	10/29/2004	
Fluorene	EPA 8270C	ND	ug/Kg	560	SUB	10/29/2004	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	560	SUB	10/29/2004	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	560	SUB	10/29/2004	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	1100	SUB	10/29/2004	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	560	SUB	10/29/2004	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	560	SUB	10/29/2004	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	300	SUB	10/29/2004	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 CA:205C NJ: 5974

ND = Not Detected PQL= Practical Quantitation Limit

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NOV. 02. 2004. TUE 10:56 PM AMERISCI BOSTON

FAX No. 781 337 7642

P. 010

Customer: ~~ATC Associates~~

Workorder No. 0410-00324

Sample: 002 SB-2 (8-10')
(Continued)

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Pentachlorophenol	EPA 8270C	ND	ug/Kg	560	SUB	10/29/2004	
Phenanthrene	EPA 8270C	ND	ug/Kg	560	SUB	10/29/2004	
Anthracene	EPA 8270C	ND	ug/Kg	560	SUB	10/29/2004	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	560	SUB	10/29/2004	
Fluoranthene	EPA 8270C	ND	ug/Kg	560	SUB	10/29/2004	
Benzidine	EPA 8270C	ND	ug/Kg	5600	SUB	10/29/2004	
Pyrene	EPA 8270C	ND	ug/Kg	560	SUB	10/29/2004	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	560	SUB	10/29/2004	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	2200	SUB	10/29/2004	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	310	SUB	10/29/2004	
Chrysene	EPA 8270C	ND	ug/Kg	350	SUB	10/29/2004	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	560	SUB	10/29/2004	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	560	SUB	10/29/2004	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	370	SUB	10/29/2004	
Benzo(b,k)fluoranthene	EPA 8270C	ND	ug/Kg	670	SUB	10/29/2004	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	360	SUB	10/29/2004	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	360	SUB	10/29/2004	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	330	SUB	10/29/2004	
2-FLUOROPHENOL (SURR)		55.3	%		SUB	10/29/2004	
PHENOL-D5 (SURR)		63.9	%		SUB	10/29/2004	
NITROBENZENE-D5 (SURR)		53.1	%		SUB	10/29/2004	
2-FLUOROBIPHENYL (SUR)		50.1	%		SUB	10/29/2004	
2,4,6-TRIBROMOPHENOL (SUR)		42.5	%		SUB	10/29/2004	
TERPHENYL-D14 (SURR)		41.3	%		SUB	10/29/2004	
Priority Pollutant Metals						00/00/0000	
Arsenic	6010B, SW-846	2.42	mg/Kg	1.11	VEN	10/30/2004	
Antimony	6010B, SW-846	ND	mg/Kg	2.22	VEN	10/30/2004	
Beryllium	6010B, SW-846	ND	mg/Kg	0.333	VEN	10/30/2004	
Cadmium	6010B, SW-846	ND	mg/Kg	0.333	VEN	10/30/2004	
Chromium	6010B, SW-846	12.2	mg/Kg	1.11	VEN	10/30/2004	
Copper	6010B, SW-846	61.9	mg/Kg	5.55	VEN	10/30/2004	
Lead	6010B, SW-846	105	mg/Kg	3.33	VEN	10/30/2004	
Mercury	SW-846; 7471	0.43	mg/Kg	0.04	JRH	11/02/2004	
Nickel	6010B, SW-846	24.3	mg/Kg	4.44	VEN	10/30/2004	
Selenium	6010B, SW-846	ND	mg/Kg	2.22	VEN	10/30/2004	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 CA:205C NJ: 5974

ND = Not Detected PQL= Practical Quantitation Limit

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CITY_21MC100_007211009

NOV. 02. 2004. TUE 10:56 PM AMERISCI BOSTON

FAX No. 781 337 7642

P. 011



Customer: ATC Associates

Workorder No. 0410-00324

Sample: 002 SB-2 (8-10')
(Continued)

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Silver	6010B, SW-846	0.609	mg/Kg	0.333	VEN	10/30/2004	
Zinc	6010B, SW-846	211	mg/Kg	5.55	VEN	10/30/2004	
Thallium	6010B, SW-846	ND	mg/Kg	2.22	VEN	10/30/2004	
Percent Solids		87.5	%		TLL	10/27/2004	

Sample: 003 SB-3 (2.5-3.0')
Date: 10/23/2004 Time: 12:30:00PM
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Volatile Organics					NAC	10/28/2004	
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	4.6	NAC	10/28/2004	
Chloromethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Bromomethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Chloroethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Acrolein	EPA 8260B	ND	ug/Kg	57	NAC	10/28/2004	
Acetone	EPA 8260B	ND	ug/Kg	57	NAC	10/28/2004	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Iodomethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	57	NAC	10/28/2004	
Methylene Chloride	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Acrylonitrile	EPA 8260B	ND	ug/Kg	57	NAC	10/28/2004	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	57	NAC	10/28/2004	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	57	NAC	10/28/2004	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Chloroform	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Bromochloromethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 CA:2050 NJ: 5974
ND = Not Detected PQL= Practical Quantitation Limit

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CITY_21MC100_007211010

NOV. 02. 2004. TUE 10:56 PM AMERISCI BOSTON

FAX No. 781 337 7642

P. 012



Customer: ATG Associates

Workorder No. 0410-00324

Sample: 003 SB-3 (2.5-3.0')
(Continued)

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Benzene	EPA 8260B	ND	ug/Kg	2.3	NAC	10/28/2004	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Trichloroethylene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	57	NAC	10/28/2004	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	2.3	NAC	10/28/2004	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	57	NAC	10/28/2004	
Toluene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	2.3	NAC	10/28/2004	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
2-Hexanone	EPA 8260B	ND	ug/Kg	57	NAC	10/28/2004	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Chlorobenzene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Ethylbenzene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
O-XYLENE	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
M & P XYLENE	EPA 8260B	ND	ug/Kg	23	NAC	10/28/2004	
Styrene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Bromoform	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	4.6	NAC	10/28/2004	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Bromobenzene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 CA:2056 NJ: 5974

ND = Not Detected PQL= Practical Quantitation Limit

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CITY_21MC100_007211011

NOV. 02. 2004. TUE 10:57 PM AMERISCI BOSTON

FAX No. 781 337 7642

P. 013



Customer: ATC Associates

Workorder No. 0410-00324

Sample: 003 SB-3 (2.5-3.0")
(Continued)

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	4.6	NAC	10/28/2004	
1,2-Dibromo-3-Chloropropan	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
Naphthalene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	11	NAC	10/28/2004	
DIBROMOFLUOROMETHANE		91.6	%		NAC	10/28/2004	
TOLUENE-D8 (SURROGATE)		102	%		NAC	10/28/2004	
4-BROMOFLUOROBENZENE		82.5	%		NAC	10/28/2004	
B/NA Extractables Soil					SUB	10/29/2004	
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	530	SUB	10/29/2004	
Phenol	EPA 8270C	ND	ug/Kg	530	SUB	10/29/2004	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	530	SUB	10/29/2004	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	530	SUB	10/29/2004	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	530	SUB	10/29/2004	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	530	SUB	10/29/2004	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	1070	SUB	10/29/2004	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	1070	SUB	10/29/2004	
Hexachloroethane	EPA 8270C	ND	ug/Kg	510	SUB	10/29/2004	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	580	SUB	10/29/2004	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	2100	SUB	10/29/2004	
Nitrobenzene	EPA 8270C	ND	ug/Kg	530	SUB	10/29/2004	
Isophorone	EPA 8270C	ND	ug/Kg	530	SUB	10/29/2004	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	1100	SUB	10/29/2004	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	1100	SUB	10/29/2004	
bis(2-Chloroethoxy)	EPA 8270C	ND	ug/Kg	530	SUB	10/29/2004	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	530	SUB	10/29/2004	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	530	SUB	10/29/2004	
Naphthalene	EPA 8270C	ND	ug/Kg	530	SUB	10/29/2004	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	450	SUB	10/29/2004	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 CA:205C NJ: 5974

ND = Not Detected PQL= Practical Quantitation Limit

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CITY_21MC100_007211012

NOV. 02. 2004. TJE 10:57 PM AMERISCI BOSTON

FAX No. 781 337 7642

P. 014


AMERISCI

Customer: ATC Associates

Workorder No. 0410-00324

Sample: 003 SB-3 (2.5-3.0')
(Continued)

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	530	SUB	10/29/2004	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	530	SUB	10/29/2004	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	360	SUB	10/29/2004	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	530	SUB	10/29/2004	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	530	SUB	10/29/2004	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	530	SUB	10/29/2004	
Acenaphthylene	EPA 8270C	ND	ug/Kg	530	SUB	10/29/2004	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	530	SUB	10/29/2004	
Acenaphthene	EPA 8270C	ND	ug/Kg	530	SUB	10/29/2004	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	530	SUB	10/29/2004	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	530	SUB	10/29/2004	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	1100	SUB	10/29/2004	
Fluorene	EPA 8270C	ND	ug/Kg	530	SUB	10/29/2004	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	530	SUB	10/29/2004	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	530	SUB	10/29/2004	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	1100	SUB	10/29/2004	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	530	SUB	10/29/2004	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	530	SUB	10/29/2004	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	290	SUB	10/29/2004	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	530	SUB	10/29/2004	
Phenanthrene	EPA 8270C	ND	ug/Kg	530	SUB	10/29/2004	
Anthracene	EPA 8270C	ND	ug/Kg	530	SUB	10/29/2004	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	530	SUB	10/29/2004	
Fluoranthene	EPA 8270C	ND	ug/Kg	530	SUB	10/29/2004	
Benzidine	EPA 8270C	ND	ug/Kg	5300	SUB	10/29/2004	
Pyrene	EPA 8270C	ND	ug/Kg	530	SUB	10/29/2004	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	530	SUB	10/29/2004	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	2100	SUB	10/29/2004	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	300	SUB	10/29/2004	
Chrysene	EPA 8270C	ND	ug/Kg	330	SUB	10/29/2004	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	530	SUB	10/29/2004	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	530	SUB	10/29/2004	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	350	SUB	10/29/2004	
Benzo(b,k)fluoranthene	EPA 8270C	ND	ug/Kg	640	SUB	10/29/2004	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	340	SUB	10/29/2004	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 CA:205(NJ: 5974
ND = Not Detected PQL= Practical Quantitation Limit

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CITY_21MC100_007211013



Customer: ATC Associates

Workorder No. 0410-00324

Sample: 003 SB-3 (2.5-3.0')
(Continued)

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	340	SUB	10/29/2004	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	320	SUB	10/29/2004	
2-FLUOROPHENOL (SURR)		61.3	%		SUB	10/29/2004	
PHENOL-D5 (SURR)		61.3	%		SUB	10/29/2004	
NITROBENZENE-D5 (SURR)		48.8	%		SUB	10/29/2004	
2-FLUOROBIPHENYL (SUR)		36.3	%		SUB	10/29/2004	
2,4,6-TRIBROMOPHENOL (		81.4	%		SUB	10/29/2004	
TERPHENYL-D14 (SURR)		40.4	%		SUB	10/29/2004	
Priority Pollutant Metals						00/00/0000	
Arsenic	6010B, SW-846	3.75	mg/Kg	1.03	VEN	10/30/2004	
Antimony	6010B, SW-846	ND	mg/Kg	2.07	VEN	10/30/2004	
Beryllium	6010B, SW-846	ND	mg/Kg	0.310	VEN	10/30/2004	
Cadmium	6010B, SW-846	0.690	mg/Kg	0.310	VEN	10/30/2004	
Chromium	6010B, SW-846	9.60	mg/Kg	1.03	VEN	10/30/2004	
Copper	6010B, SW-846	22.0	mg/Kg	5.17	VEN	10/30/2004	
Lead	6010B, SW-846	384	mg/Kg	3.10	VEN	10/30/2004	
Mercury	SW-846; 7471	0.28	mg/Kg	0.04	JRH	11/02/2004	
Nickel	6010B, SW-846	17.8	mg/Kg	4.14	VEN	10/30/2004	
Selenium	6010B, SW-846	ND	mg/Kg	2.07	VEN	10/30/2004	
Silver	6010B, SW-846	0.331	mg/Kg	0.310	VEN	10/30/2004	
Zinc	6010B, SW-846	76.3	mg/Kg	5.17	VEN	10/30/2004	
Thallium	6010B, SW-846	ND	mg/Kg	2.07	VEN	10/30/2004	
Percent Solids		85.6	%		TLL	10/27/2004	

Sample: 004 WC (COMPOSITE)
Date: 10/23/2004 Time: 12:40:00PM
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
TCLP Package						00/00/0000	
TCLP Volatiles					NAC	10/27/2004	
Vinyl Chloride	EPA 8260B	ND	ug/L	2.0	NAC	10/27/2004	
1,1-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	10/27/2004	
2-Butanone-(MEK)	EPA 8260B	ND	ug/L	25	NAC	10/27/2004	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 CA:205(NJ: 5974
ND = Not Detected PQL= Practical Quantitation Limit

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Customer: ATC Associates

Workorder No. 0410-00324

Sample: 004 WC (COMPOSITE)
(Continued)

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Chloroform	EPA 8260B	ND	ug/L	5.0	NAC	10/27/2004	
Carbon Tetrachloride	EPA 8260B	ND	ug/L	5.0	NAC	10/27/2004	
Benzene, TCLP	EPA 8260B	ND	ug/L	1.0	NAC	10/27/2004	
1,2-Dichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	10/27/2004	
Trichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	10/27/2004	
Tetrachloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	10/27/2004	
Chlorobenzene	EPA 8260B	ND	ug/L	5.0	NAC	10/27/2004	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	NAC	10/27/2004	
DIBROMOFLUOROMETHANE		110	%		NAC	10/27/2004	
TOLUENE-D8 (SURROGATE)		103	%		NAC	10/27/2004	
4-BROMOFLUOROBENZENE		102	%		NAC	10/27/2004	
TCLP Semivolatiles					SUB	11/29/2004	
2-Methyl Phenol	EPA 8270C	ND	ug/L	50.0	SUB	11/29/2004	
3&4-Methyl Phenol	EPA 8270C	ND	ug/L	100	SUB	11/29/2004	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/L	50.0	SUB	11/29/2004	
Hexachlorobenzene	EPA 8270C	ND	ug/L	50.0	SUB	11/29/2004	
Hexachloro-1,3-butadiene	EPA 8270C	ND	ug/L	50.0	SUB	11/29/2004	
Hexachloroethane	EPA 8270C	ND	ug/L	50.0	SUB	11/29/2004	
Nitrobenzene	EPA 8270C	ND	ug/L	50.0	SUB	11/29/2004	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/L	50.0	SUB	11/29/2004	
Pentachlorophenol	EPA 8270C	ND	ug/L	50.0	SUB	11/29/2004	
Pyridine	EPA 8270C	ND	ug/L	50.0	SUB	11/29/2004	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/L	50.0	SUB	11/29/2004	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/L	50.0	SUB	11/29/2004	
2-FLUOROPHENOL (SURR)		53.9	%		SUB	11/29/2004	
PHENOL-D5 (SURR)		53.1	%		SUB	11/29/2004	
NITROBENZENE-D5 (SURR)		81.7	%		SUB	11/29/2004	
2-FLUOROBIPHENYL (SURR)		79.3	%		SUB	11/29/2004	
2,4,6-TRIBROMOPHENOL (SURR)		97.3	%		SUB	11/29/2004	
TERPHENYL-D14 (SURR)		97.9	%		SUB	11/29/2004	
TCLP Herbicides					SUB	10/28/2004	
2,4-D	EPA 8151	ND	ug/L	5.0	SUB	10/28/2004	
2,4,5-TP	EPA 8151	ND	ug/L	1.0	SUB	10/28/2004	
TCLP Pesticides					NAC	10/29/2004	
gamma-BHC (Lindane)	EPA 8080, 1311	ND	ug/L	0.3	NAC	10/29/2004	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI: A45 CA: 205C NJ: 5974

ND = Not Detected PQL= Practical Quantitation Limit

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AMERISCI
Customer: **ATC-Associates**Workorder No. **0410-00324**
Sample: 004 WC (COMPOSITE)
 (Continued)

<u>Parameter</u>	<u>Method</u>	<u>Results</u>	<u>Units</u>	<u>PQL</u>	<u>Analyst</u>	<u>Analysis Date</u>	<u>Qual</u>
Heptachlor	EPA 8080, 1311	ND	ug/L	0.3	NAC	10/29/2004	
Heptachlor Epoxide	EPA 8080, 1311	ND	ug/L	0.3	NAC	10/29/2004	
Endrin	EPA 8080, 1311	ND	ug/L	0.3	NAC	10/29/2004	
Methoxychlor	EPA 8080, 1311	ND	ug/L	0.3	NAC	10/29/2004	
Chlordane	EPA 8080, 1311	ND	ug/L	5.00	NAC	10/29/2004	
Toxaphene	EPA 8080, 1311	ND	ug/L	5.00	NAC	10/29/2004	
TCMX (SURROGATE)		85.1	%		NAC	10/29/2004	
DCB (SURROGATE)		97.9	%		NAC	10/29/2004	
TCLP Metals						00/00/0000	
Barium, TCLP	1311/6010B SW-846	ND	mg/L	10.0	VEN	10/27/2004	
Arsenic, TCLP	1311/6010B, SW-84	ND	mg/L	1.00	VEN	10/27/2004	
Cadmium, TCLP	1311/6010B SW-846	ND	mg/L	0.100	VEN	10/27/2004	
Chromium, TCLP	1311/6010B SW-846	ND	mg/L	0.500	VEN	10/27/2004	
Lead, TCLP	1311/6010B SW-846	ND	mg/L	0.500	VEN	10/27/2004	
Mercury, TCLP	SW-846 7470	ND	mg/L	0.0200	NAP	10/29/2004	
Silver, TCLP	1311/6010B SW-846	ND	mg/L	0.100	VEN	10/27/2004	
Selenium, TCLP	1311/6010B, SW-84	ND	mg/L	1.00	VEN	10/27/2004	
PCB 8082-SOIL/SOLID					NAC	10/27/2004	
PCB-1016	EPA 8082	ND	ug/Kg	113	NAC	10/27/2004	
PCB-1221	EPA 8082	ND	ug/Kg	113	NAC	10/27/2004	
PCB-1232	EPA 8082	ND	ug/Kg	113	NAC	10/27/2004	
PCB-1242	EPA 8082	ND	ug/Kg	113	NAC	10/27/2004	
PCB-1248	EPA 8082	ND	ug/Kg	113	NAC	10/27/2004	
PCB-1254	EPA 8082	ND	ug/Kg	113	NAC	10/27/2004	
PCB-1260	EPA 8082	ND	ug/Kg	113	NAC	10/27/2004	
PCB-1262	EPA 8082	ND	ug/Kg	113	NAC	10/27/2004	
PCB-1268	EPA 8082	ND	ug/Kg	113	NAC	10/27/2004	
TCMX (SURROGATE)		92.6	%		NAC	10/27/2004	
DCB (SURROGATE)		86.1	%		NAC	10/27/2004	
Modified 8015 for Diesel			mg/kg		DMD	10/27/2004	
TPH-DIESEL	MOD. 8015	ND	mg/Kg	58.1	DMD	10/27/2004	
OTP (SURROGATE)		51.5	%		DMD	10/27/2004	
COD (SURROGATE)		35.8	%		DMD	10/27/2004	
Modified 8015 for BTEX, TPH					NAC	10/28/2004	
Benzene	MODIFIED 8015	ND	ug/Kg	150	NAC	10/28/2004	

 Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 CA:205C NJ: 5974
 ND = Not Detected PQL= Practical Quantitation Limit

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NOV. 02. 2004. TUE 10:57 PM AMERISCI BOSTON

FAX No. 781 337 7642

P. 018



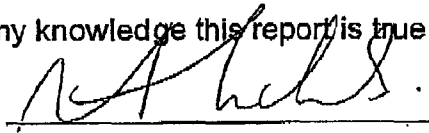
Customer: ATC Associates

Workorder No. 0410-00324

Sample: 004 WC (COMPOSITE)
(Continued)

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Toluene	MODIFIED 8015	ND	ug/Kg	150	NAC	10/28/2004	
Ethylbenzene	MODIFIED 8015	ND	ug/Kg	150	NAC	10/28/2004	
Total Xylenes		ND	ug/Kg	5	NAC	10/28/2004	
O-XYLENE	MODIFIED 8015	ND	ug/Kg	150	NAC	10/28/2004	
M & P XYLENE	MODIFIED 8015	ND	ug/Kg	290	NAC	10/28/2004	
TPH as Gasoline	MODIFIED 8015	ND	ug/Kg	7290	NAC	10/28/2004	
2,5-DBT (FID SURR)		127	%		NAC	10/28/2004	
Flash Point - Liquid/Solid	1010, EPA 1983	>200	F	140	SUB	10/29/2004	
Reactivity Cyanide	SW846, EPA 1983	ND	mg/Kg	0.03	PJS	10/29/2004	
Reactivity Sulfide	SW846, EPA 1983	ND	mg/Kg	0.25	PJS	10/29/2004	
Corrosivity	203, EPA 1983	7.61	S.U.	0	PJS	10/27/2004	
TCLP extraction	1311, EPA	complete		0	TLL	10/27/2004	
TCLP ZHE Extraction	1311, EPA	complete		0	TLL	10/27/2004	
TCLP SVOA EXTRACTION	1311	COMPLETE			TLL	10/27/2004	
608 WATER EXTRACTION		0.200			EEH	10/27/2004	
TCLP Extraction	1311, EPA	complete		0	TLL	10/27/2004	
PCB OIL/SOIL EXTRACTION		10.42			TLL	10/27/2004	
Percent Solids		84.6	%		TLL	10/27/2004	

To the best of my knowledge this report is true and accurate.

Authorized By: 

Vinora Nicholls, Technical Director

Certifications:

MA: MA069

NY: 10982

CT: PH0119

RI: A45

CA: 2056

NJ: 5974

ND = Not Detected

PQL = Practical Quantitation Limit

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