

Sample: 005 LPB-8 2-3
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
4,4'-DDT	EPA 8081A	ND	ug/Kg	2.0	MVP	12/20/2005 / 17:46	
Endosulfan I	EPA 8081A	ND	ug/Kg	2.0	MVP	12/20/2005 / 17:46	
Endosulfan II	EPA 8081A	ND	ug/Kg	2.0	MVP	12/20/2005 / 17:46	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	2.0	MVP	12/20/2005 / 17:46	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	2.0	MVP	12/20/2005 / 17:46	
Methoxychlor	EPA 8081A	ND	ug/Kg	2.0	MVP	12/20/2005 / 17:46	
Endrin Ketone	EPA 8081A	ND	ug/Kg	2.0	MVP	12/20/2005 / 17:46	
Chlordane	EPA 8081A	ND	ug/Kg	39	MVP	12/20/2005 / 17:46	
Toxaphene	EPA 8081A	ND	ug/Kg	39	MVP	12/20/2005 / 17:46	
TCMX (SURROGATE)		39.2	%		MVP	12/20/2005 / 17:46	
DCB (SURROGATE)		50.3	%		MVP	12/20/2005 / 17:46	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	39	NAC	12/16/2005 / 5:20	
PCB-1221	EPA 8082	ND	ug/Kg	39	NAC	12/16/2005 / 5:20	
PCB-1232	EPA 8082	ND	ug/Kg	39	NAC	12/16/2005 / 5:20	
PCB-1242	EPA 8082	ND	ug/Kg	39	NAC	12/16/2005 / 5:20	
PCB-1248	EPA 8082	ND	ug/Kg	39	NAC	12/16/2005 / 5:20	
PCB-1254	EPA 8082	ND	ug/Kg	39	NAC	12/16/2005 / 5:20	
PCB-1260	EPA 8082	ND	ug/Kg	39	NAC	12/16/2005 / 5:20	
PCB-1262	EPA 8082	ND	ug/Kg	39	NAC	12/16/2005 / 5:20	
PCB-1268	EPA 8082	ND	ug/Kg	39	NAC	12/16/2005 / 5:20	
TCMX (SURROGATE)		58.9	%		NAC	12/16/2005 / 5:20	
DCB (SURROGATE)		36.1	%		NAC	12/16/2005 / 5:20	
PCB OIL/SOIL EXTRACTIONS		30.15			TLL	12/14/2005 / 7:40	

Sample: 006 LPB-3 5-7

Collection Date: 12/09/2005 Time: 1:00:00PM

Matrix: SOIL

Received Date: 12/10/2005 Time: 2:30:00PM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
Chloromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	



Customer: Metcalf & Eddy Associates

Workorder No 0512-00142

Sample: 006 LPB-3 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Bromomethane	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
Chloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
Acrolein	EPA 8260B	ND	ug/Kg	50	MVP	12/16/2005 / 14:34	
Acetone	EPA 8260B	16	ug/Kg	50	MVP	12/16/2005 / 14:34	JB
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
Iodomethane	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	50	MVP	12/16/2005 / 14:34	
Methylene Chloride	EPA 8260B	40	ug/Kg	40	MVP	12/16/2005 / 14:34	
Acrylonitrile	EPA 8260B	ND	ug/Kg	50	MVP	12/16/2005 / 14:34	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	50	MVP	12/16/2005 / 14:34	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	50	MVP	12/16/2005 / 14:34	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
Chloroform	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
Bromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
Benzene	EPA 8260B	4	ug/Kg	10	MVP	12/16/2005 / 14:34	J
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
Trichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	50	MVP	12/16/2005 / 14:34	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	50	MVP	12/16/2005 / 14:34	
Toluene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	

Certifications: MA: MA089 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 33 of 45



Customer: Metcalf & Eddy Associates

Workorder No 0512-00142

Sample: 006 LPB-3 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2-Hexanone	EPA 8260B	ND	ug/Kg	50	MVP	12/16/2005 / 14:34	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
Chlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
Ethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
M & P XYLENE	EPA 8260B	ND	ug/Kg	20	MVP	12/16/2005 / 14:34	
O-XYLENE	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
Styrene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
Bromoform	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
Bromobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
Naphthalene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 14:34	
DIBROMOFLUOROMETHANE (SURR)		129	%		MVP	12/16/2005 / 14:34	GX
TOLUENE-D8 (SURROGATE)		87.9	%		MVP	12/16/2005 / 14:34	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 34 of 45



Customer: Metcalf & Eddy Associates

Workorder No 0512-00142

Sample: 006 LPB-3 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
4-BROMOFLUOROBENZENE (SURR)		35.6	%		MVP	12/16/2005 / 14:34	GX
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.15	JS	12/15/2005 / 14:00	
Aluminum	6010B, SW-846	7190	mg/Kg	21.5	JS	12/15/2005 / 14:00	
Arsenic	6010B, SW-846	7.03	mg/Kg	1.07	JS	12/15/2005 / 14:00	
Barium	6010B, SW-846	13.5	mg/Kg	3.2	JS	12/15/2005 / 14:00	
Beryllium	6010B, SW-846	ND	mg/Kg	0.322	JS	12/15/2005 / 14:00	
Cadmium	6010B, SW-846	ND	mg/Kg	0.322	JS	12/15/2005 / 14:00	
Chromium	6010B, SW-846	11.2	mg/Kg	1.07	JS	12/15/2005 / 14:00	
Calcium	6010B, SW-846	431	mg/Kg	161	JS	12/15/2005 / 14:00	
Iron	6010B, SW-846	17100	mg/Kg	10.7	JS	12/15/2005 / 14:00	B1
Cobalt	6010B, SW-846	10.2	mg/Kg	5.36	JS	12/15/2005 / 14:00	
Copper	6010B, SW-846	28.6	mg/Kg	5.36	JS	12/15/2005 / 14:00	
Lead	6010B, SW-846	41.0	mg/Kg	3.22	JS	12/15/2005 / 14:00	
Magnesium	6010B, SW-846	2360	mg/Kg	129	JS	12/15/2005 / 14:00	
Manganese	6010B, SW-846	283	mg/Kg	1.61	JS	12/15/2005 / 14:00	
Mercury	SW-846; 7471	0.314	mg/Kg	0.0390	NAP	12/15/2005 / 15:33	
Nickel	6010B, SW-846	14.8	mg/Kg	4.29	JS	12/15/2005 / 14:00	
Vanadium	6010B, SW-846	15.5	mg/Kg	5.36	JS	12/15/2005 / 14:00	
Selenium	6010B, SW-846	ND	mg/Kg	2.15	JS	12/15/2005 / 14:00	
Potassium	6010B, SW-846	664	mg/Kg	161	JS	12/15/2005 / 14:00	
Silver	6010B, SW-846	ND	mg/Kg	0.54	JS	12/15/2005 / 14:00	
Sodium	6010B, SW-846	1140	mg/Kg	161	JS	12/15/2005 / 14:00	
Thallium	6010B, SW-846	ND	mg/Kg	2.15	JS	12/15/2005 / 14:00	
Zinc	6010B, SW-846	93.1	mg/Kg	5.36	JS	12/15/2005 / 14:00	
Percent Solids		86.3	%		TLL	12/13/2005 / 7:23	
Flame/ICP Solid Digestion	EPA 3050B	92.5926			SEF	12/12/2005 / 16:14	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
Phenol	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 35 of 45



Customer: Metcalf & Eddy Associates

Workorder No 0512-00142

Sample: 006 LPB-3 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
Hexachloroethane	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	380	TLL	12/19/2005 / 14:29	
Nitrobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
Isophorone	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
bis (2-Chloroethoxy)	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
Naphthalene	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
Acenaphthylene	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
Acenaphthene	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
Dibenzofuran	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
Fluorene	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	

Certifications: MA: MA069 NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 36 of 45



Customer: Metcalf & Eddy Associates

Workorder No 0512-00142

Sample: 006 LPB-3 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
Phenanthrene	EPA 8270C	50	ug/Kg	190	TLL	12/19/2005 / 14:29	J
Anthracene	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
Carbazole	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
Fluoranthene	EPA 8270C	68	ug/Kg	190	TLL	12/19/2005 / 14:29	J
Benzidine	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
Pyrene	EPA 8270C	80	ug/Kg	190	TLL	12/19/2005 / 14:29	J
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
Benzo(a)anthracene	EPA 8270C	40	ug/Kg	190	TLL	12/19/2005 / 14:29	J
Chrysene	EPA 8270C	40	ug/Kg	190	TLL	12/19/2005 / 14:29	J
bis(2-Ethylhexyl)phthalate	EPA 8270C	87	ug/Kg	190	TLL	12/19/2005 / 14:29	J
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
Benzo(b)fluoranthene	EPA 8270C	46	ug/Kg	190	TLL	12/19/2005 / 14:29	J
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
Benzo(a)pyrene	EPA 8270C	58	ug/Kg	190	TLL	12/19/2005 / 14:29	J
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	190	TLL	12/19/2005 / 14:29	
2-FLUOROPHENOL (SURR)		64.6	%		TLL	12/19/2005 / 14:29	
PHENOL-D5 (SURR)		69.0	%		TLL	12/19/2005 / 14:29	
NITROBENZENE-D5 (SURR)		68.6	%		TLL	12/19/2005 / 14:29	
2-FLUOROBIPHENYL (SURR)		52.6	%		TLL	12/19/2005 / 14:29	
2,4,6-TRIBROMOPHENOL (SURR)		46.5	%		TLL	12/19/2005 / 14:29	
TERPHENYL-D14 (SURR)		53.7	%		TLL	12/19/2005 / 14:29	
Pesticides/PCBs							
Pesticides							

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 37 of 45



Customer: Metcalf & Eddy Associates

Workorder No 0512-00142

Sample: 006 LPB-3 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
alpha-BHC	EPA 8081A	ND	ug/Kg	1.9	MVP	12/20/2005 / 17:46	
beta-BHC	EPA 8081A	ND	ug/Kg	1.9	MVP	12/20/2005 / 17:46	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	1.9	MVP	12/20/2005 / 17:46	
delta-BHC	EPA 8081A	ND	ug/Kg	1.9	MVP	12/20/2005 / 17:46	
Heptachlor	EPA 8081A	ND	ug/Kg	1.9	MVP	12/20/2005 / 17:46	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	1.9	MVP	12/20/2005 / 17:46	
Aldrin	EPA 8081A	ND	ug/Kg	1.9	MVP	12/20/2005 / 17:46	
Dieldrin	EPA 8081A	ND	ug/Kg	1.9	MVP	12/20/2005 / 17:46	
Endrin	EPA 8081A	ND	ug/Kg	1.9	MVP	12/20/2005 / 17:46	
4,4'-DDD	EPA 8081A	ND	ug/Kg	1.9	MVP	12/20/2005 / 17:46	
4,4'-DDE	EPA 8081A	ND	ug/Kg	1.9	MVP	12/20/2005 / 17:46	
4,4'-DDT	EPA 8081A	ND	ug/Kg	1.9	MVP	12/20/2005 / 17:46	
Endosulfan I	EPA 8081A	ND	ug/Kg	1.9	MVP	12/20/2005 / 17:46	
Endosulfan II	EPA 8081A	ND	ug/Kg	1.9	MVP	12/20/2005 / 17:46	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	1.9	MVP	12/20/2005 / 17:46	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	1.9	MVP	12/20/2005 / 17:46	
Methoxychlor	EPA 8081A	ND	ug/Kg	1.9	MVP	12/20/2005 / 17:46	
Endrin Ketone	EPA 8081A	ND	ug/Kg	1.9	MVP	12/20/2005 / 17:46	
Chlordane	EPA 8081A	ND	ug/Kg	38	MVP	12/20/2005 / 17:46	
Toxaphene	EPA 8081A	ND	ug/Kg	38	MVP	12/20/2005 / 17:46	
TCMX (SURROGATE)		43.4	%		MVP	12/20/2005 / 17:46	
DCB (SURROGATE)		33.8	%		MVP	12/20/2005 / 17:46	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	38	NAC	12/16/2005 / 5:40	
PCB-1221	EPA 8082	ND	ug/Kg	38	NAC	12/16/2005 / 5:40	
PCB-1232	EPA 8082	ND	ug/Kg	38	NAC	12/16/2005 / 5:40	
PCB-1242	EPA 8082	ND	ug/Kg	38	NAC	12/16/2005 / 5:40	
PCB-1248	EPA 8082	ND	ug/Kg	38	NAC	12/16/2005 / 5:40	
PCB-1254	EPA 8082	ND	ug/Kg	38	NAC	12/16/2005 / 5:40	
PCB-1260	EPA 8082	ND	ug/Kg	38	NAC	12/16/2005 / 5:40	
PCB-1262	EPA 8082	ND	ug/Kg	38	NAC	12/16/2005 / 5:40	
PCB-1268	EPA 8082	ND	ug/Kg	38	NAC	12/16/2005 / 5:40	
TCMX (SURROGATE)		75.8	%		NAC	12/16/2005 / 5:40	
DCB (SURROGATE)		66.1	%		NAC	12/16/2005 / 5:40	

Certifications: MA: MA069 NY:10962 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL = Practical Quantitation Limit

Page: 38 of 45



Customer: Metcalf & Eddy Associates

Workorder No 0512-00142

Sample: 006 LPB-3 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB OIL/SOIL EXTRACTIONS		30.13			TLL	12/14/2005 / 7:40	

Sample: 007 LPB-3 7-9

Collection Date: 12/08/2005 Time: 1:10:00PM

Received Date: 12/10/2005 Time: 2:30:00PM

Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
Chloromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
Bromomethane	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
Chloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
Acrolein	EPA 8260B	ND	ug/Kg	50	MVP	12/16/2005 / 15:07	
Acetone	EPA 8260B	16	ug/Kg	50	MVP	12/16/2005 / 15:07	JB
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
Iodomethane	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	50	MVP	12/16/2005 / 15:07	
Methylene Chloride	EPA 8260B	60	ug/Kg	40	MVP	12/16/2005 / 15:07	
Acrylonitrile	EPA 8260B	ND	ug/Kg	50	MVP	12/16/2005 / 15:07	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	50	MVP	12/16/2005 / 15:07	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	50	MVP	12/16/2005 / 15:07	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
Chloroform	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
Bromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
Benzene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 39 of 45



Customer: Metcalf & Eddy Associates

Workorder No 0512-00142

Sample: 007 LPB-3 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
Trichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	50	MVP	12/16/2005 / 15:07	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	50	MVP	12/16/2005 / 15:07	
Toluene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
2-Hexanone	EPA 8260B	ND	ug/Kg	50	MVP	12/16/2005 / 15:07	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
Chlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
Ethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
M & P XYLENE	EPA 8260B	ND	ug/Kg	20	MVP	12/16/2005 / 15:07	
O-XYLENE	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
Styrene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
Bromoform	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
Bromobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit



Customer: Metcalf & Eddy Associates

Workorder No 0512-00142

Sample: 007 LPB-3 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
Naphthalene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/16/2005 / 15:07	
DIBROMOFLUOROMETHANE (SURR)		114	%		MVP	12/16/2005 / 15:07	
TOLUENE-D8 (SURROGATE)		93.6	%		MVP	12/16/2005 / 15:07	
4-BROMOFLUOROBENZENE (SURR)		49.8	%		MVP	12/16/2005 / 15:07	GX
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.10	JS	12/15/2005 / 14:00	M2
Aluminum	6010B, SW-846	4190	mg/Kg	21.0	JS	12/15/2005 / 14:00	MHA
Arsenic	6010B, SW-846	22.8	mg/Kg	1.05	JS	12/15/2005 / 14:00	
Barium	6010B, SW-846	176	mg/Kg	3.1	JS	12/15/2005 / 14:00	
Beryllium	6010B, SW-846	0.438	mg/Kg	0.314	JS	12/15/2005 / 14:00	
Cadmium	6010B, SW-846	0.770	mg/Kg	0.314	JS	12/15/2005 / 14:00	
Chromium	6010B, SW-846	20.5	mg/Kg	1.05	JS	12/15/2005 / 14:00	
Calcium	6010B, SW-846	14800	mg/Kg	157	JS	12/15/2005 / 14:00	
Iron	6010B, SW-846	18700	mg/Kg	10.5	JS	12/15/2005 / 14:00	B1
Cobalt	6010B, SW-846	7.28	mg/Kg	5.24	JS	12/15/2005 / 14:00	MHA
Copper	6010B, SW-846	139	mg/Kg	5.24	JS	12/15/2005 / 14:00	
Lead	6010B, SW-846	309	mg/Kg	3.14	JS	12/15/2005 / 14:00	
Magnesium	6010B, SW-846	2810	mg/Kg	128	JS	12/15/2005 / 14:00	
Manganese	6010B, SW-846	232	mg/Kg	1.57	JS	12/15/2005 / 14:00	MHA
Mercury	SW-846; 7471	0.432	mg/Kg	0.0377	NAP	12/15/2005 / 15:33	
Nickel	6010B, SW-846	23.7	mg/Kg	4.19	JS	12/15/2005 / 14:00	
Vanadium	6010B, SW-846	19.9	mg/Kg	5.24	JS	12/15/2005 / 14:00	
Selenium	6010B, SW-846	ND	mg/Kg	2.10	JS	12/15/2005 / 14:00	
Potassium	6010B, SW-846	633	mg/Kg	157	JS	12/15/2005 / 14:00	
Silver	6010B, SW-846	0.546	mg/Kg	0.52	JS	12/15/2005 / 14:00	
Sodium	6010B, SW-846	244	mg/Kg	157	JS	12/15/2005 / 14:00	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit



Customer: Metcalf & Eddy Associates

Workorder No 0512-00142

Sample: 007 LPB-3 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Thallium	6010B, SW-846	ND	mg/Kg	2.10	JS	12/15/2005 / 14:00	
Zinc	6010B, SW-846	615	mg/Kg	5.24	JS	12/15/2005 / 14:00	
Percent Solids		85.2	%		TLL	12/13/2005 / 7:23	
Flame/ICP Solid Digestion	EPA 3050B	89.2857			SEF	12/12/2005 / 16:14	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
Phenol	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
Hexachloroethane	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	1900	TLL	12/20/2005 / 14:40	
Nitrobenzene	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
Isophorone	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
bis (2-Chloroethoxy)	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
Naphthalene	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 42 of 45



Customer: Metcalf & Eddy Associates

Workorder No 0512-00142

Sample: 007 LPB-3 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Acenaphthylene	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
Acenaphthene	EPA 8270C	230	ug/Kg	970	TLL	12/20/2005 / 14:40	J
3-Nitroaniline	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
Dibenzofuran	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
Fluorene	EPA 8270C	260	ug/Kg	970	TLL	12/20/2005 / 14:40	J
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
Phenanthrene	EPA 8270C	2700	ug/Kg	970	TLL	12/20/2005 / 14:40	
Anthracene	EPA 8270C	710	ug/Kg	970	TLL	12/20/2005 / 14:40	J
Carbazole	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
Fluoranthene	EPA 8270C	3600	ug/Kg	970	TLL	12/20/2005 / 14:40	
Benzidine	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
Pyrene	EPA 8270C	3600	ug/Kg	970	TLL	12/20/2005 / 14:40	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
Benzo(a)anthracene	EPA 8270C	1600	ug/Kg	970	TLL	12/20/2005 / 14:40	
Chrysene	EPA 8270C	1600	ug/Kg	970	TLL	12/20/2005 / 14:40	
bis(2-Ethylhexyl)phthalate	EPA 8270C	260	ug/Kg	970	TLL	12/20/2005 / 14:40	J
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	1200	ug/Kg	970	TLL	12/20/2005 / 14:40	
Benzo(b)fluoranthene	EPA 8270C	2200	ug/Kg	970	TLL	12/20/2005 / 14:40	
Benzo(k)fluoranthene	EPA 8270C	1700	ug/Kg	970	TLL	12/20/2005 / 14:40	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit



Customer: Metcalf & Eddy Associates

Workorder No 0512-00142

Sample: 007 LPB-3 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Benzo(a)pyrene	EPA 8270C	2200	ug/Kg	970	TLL	12/20/2005 / 14:40	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	970	TLL	12/20/2005 / 14:40	
Benzo (g,h,i) perylene	EPA 8270C	1200	ug/Kg	970	TLL	12/20/2005 / 14:40	
2-FLUOROPHENOL (SURR)		60.3	%		TLL	12/20/2005 / 14:40	
PHENOL-D5 (SURR)		62.0	%		TLL	12/20/2005 / 14:40	
NITROBENZENE-D5 (SURR)		55.6	%		TLL	12/20/2005 / 14:40	
2-FLUOROBIPHENYL (SURR)		44.2	%		TLL	12/20/2005 / 14:40	
2,4,6-TRIBROMOPHENOL (SURR)		66.2	%		TLL	12/20/2005 / 14:40	
TERPHENYL-D14 (SURR)		57.1	%		TLL	12/20/2005 / 14:40	
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/Kg	2.9	MVP	12/20/2005 / 17:46	
beta-BHC	EPA 8081A	ND	ug/Kg	2.9	MVP	12/20/2005 / 17:46	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	2.9	MVP	12/20/2005 / 17:46	
delta-BHC	EPA 8081A	ND	ug/Kg	2.9	MVP	12/20/2005 / 17:46	
Heptachlor	EPA 8081A	ND	ug/Kg	2.9	MVP	12/20/2005 / 17:46	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	2.9	MVP	12/20/2005 / 17:46	
Aldrin	EPA 8081A	ND	ug/Kg	2.9	MVP	12/20/2005 / 17:46	
Dieldrin	EPA 8081A	ND	ug/Kg	2.9	MVP	12/20/2005 / 17:46	
Endrin	EPA 8081A	ND	ug/Kg	2.9	MVP	12/20/2005 / 17:46	
4,4'-DDD	EPA 8081A	ND	ug/Kg	2.9	MVP	12/20/2005 / 17:46	
4,4'-DDE	EPA 8081A	ND	ug/Kg	2.9	MVP	12/20/2005 / 17:46	
4,4'-DDT	EPA 8081A	ND	ug/Kg	2.9	MVP	12/20/2005 / 17:46	
Endosulfan I	EPA 8081A	ND	ug/Kg	2.9	MVP	12/20/2005 / 17:46	
Endosulfan II	EPA 8081A	ND	ug/Kg	2.9	MVP	12/20/2005 / 17:46	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	2.9	MVP	12/20/2005 / 17:46	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	2.9	MVP	12/20/2005 / 17:46	
Methoxychlor	EPA 8081A	ND	ug/Kg	2.9	MVP	12/20/2005 / 17:46	
Endrin Ketone	EPA 8081A	ND	ug/Kg	2.9	MVP	12/20/2005 / 17:46	
Chlordane	EPA 8081A	ND	ug/Kg	58	MVP	12/20/2005 / 17:46	
Toxaphene	EPA 8081A	ND	ug/Kg	58	MVP	12/20/2005 / 17:46	
TGMX (SURROGATE)		35.1	%		MVP	12/20/2005 / 17:46	
DCB (SURROGATE)		37.7	%		MVP	12/20/2005 / 17:46	
PCB 8082-SOIL/SOLID							

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit



Customer: Metcalf & Eddy Associates

Workorder No 0512-00142

Sample: 007 LPB-3 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-1016	EPA 8082	ND	ug/Kg	58	NAC	12/16/2005 / 6:00	
PCB-1221	EPA 8082	ND	ug/Kg	58	NAC	12/16/2005 / 6:00	
PCB-1232	EPA 8082	ND	ug/Kg	58	NAC	12/16/2005 / 6:00	
PCB-1242	EPA 8082	ND	ug/Kg	58	NAC	12/16/2005 / 6:00	
PCB-1248	EPA 8082	ND	ug/Kg	58	NAC	12/16/2005 / 6:00	
PCB-1254	EPA 8082	ND	ug/Kg	58	NAC	12/16/2005 / 6:00	
PCB-1260	EPA 8082	ND	ug/Kg	58	NAC	12/16/2005 / 6:00	
PCB-1262	EPA 8082	ND	ug/Kg	58	NAC	12/16/2005 / 6:00	
PCB-1268	EPA 8082	ND	ug/Kg	58	NAC	12/16/2005 / 6:00	
TCMX (SURROGATE)		39.1	%		NAC	12/16/2005 / 6:00	
DCB (SURROGATE)		15.2	%		NAC	12/16/2005 / 6:00	
PCB OIL/SOIL EXTRACTIONS		20.38			TLL	12/14/2005 / 7:40	

- B1 Analyte was detected in the associated method blank. Analyte concentration in the sample is greater than 10x the concentration found in the method blank.
- GX Due to sample matrix effects, the surrogate recovery was outside acceptance limits.
- I Internal Standard recovery was outside of method limits. Matrix interference was confirmed by reanalysis.
- M2 The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
- MHA Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).

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

Authorized By:


Robert Bell, Environmental Laboratory Manager

Date:

12/21/05

NOTE: All solid results are reported on a dry weight basis unless otherwise noted.

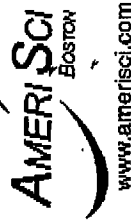
Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL = Practical Quantitation Limit

Page: 45 of 45

0512-142

CHAIN OF CUSTODY RECORD



AMERISCI BOSTON
8 School Street ~ Weymouth, MA 02189
888.724.5221 Toll Free
781.337.9334 Phone ~ 781.337.7642 Fax
www.amerisci.com

AMERISCI Job No.

DUE DATE:

☐ 1 DAY ☐ 2 DAY ☐ 3 DAY ☒ 5 DAY ☐ 7 DAY ☐ 10 DAY

DATA PACKAGE:

0512-142

PAGE 1 OF 1

TEMP UPON RECEIPT:

41°C

COMPANY: METCALF & EDDY, INC.		ADDRESS: 1140 ROUTE 22 EAST SUITE 101 BLENHEIM WATERS, MA 01923		PHONE: (908) 947-0274		FAX 1: 908-947-0274		FAX 2:				
CLIENT CONTACT: NELSON ABLAMS	EMAIL: NELSON.ABLAMS@MCE.COM	PROJECT NUMBER: DDC-LEBANON PROPERTY	PROJECT STATE: NY	CONTAINER: P-PLASTIC G-GLASS V-VOA								
MATRIX: A-WATER S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS		WI-WIPES C-CASSETTES W-WASTE O-OTHER										
LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	SIZE	TYPE	DATE	TIME	TECH	PREPARED BY	DATE	TIME	TECH	NOTES
LPB-2 5-7	SOIL	1-202	2	12/15/05	1050	1130	1130	1130	1130	1130	1130	1130
LPB-2 7-9	SOIL	1-202	2	12/15/05	1100	1130	1130	1130	1130	1130	1130	1130
LPB-4 5-7	SOIL	1-202	2	12/15/05	1100	1130	1130	1130	1130	1130	1130	1130
LPB-4 7-9	SOIL	1-202	2	12/15/05	1100	1130	1130	1130	1130	1130	1130	1130
LPB-8 2-3	SOIL	1-202	2	12/15/05	1300	1310	1310	1310	1310	1310	1310	1310
LPB-3 5-7	SOIL	1-202	2	12/15/05	1310	1310	1310	1310	1310	1310	1310	1310
LPB-3 7-9	SOIL	1-202	2	12/15/05	1310	1310	1310	1310	1310	1310	1310	1310
M. Smith												
SAMPLED BY: (PRINT) S. M. SMITH												
(SIGN) M. Smith	DATE: 12/15/05											
RELINQUISHED BY: (PRINT) M. Smith												
(SIGN) M. Smith	DATE: 12/15/05											
RELINQUISHED BY: (PRINT) M. Smith												
(SIGN) M. Smith	DATE: 12/15/05											
RELINQUISHED BY: (PRINT) M. Smith												
(SIGN) M. Smith	DATE: 12/15/05											

CLIENT: <u>Metrol - Eddy</u>	WORKORDER: <u>0512-142</u>
CLIENTS JOB: <u>DC low no prep</u>	RECEIVED BY: <u>LR</u>
RECEIVED DATE: <u>12/10/05</u>	SHIPPING METHOD: <u>Fed Ex</u>
TEMP UPON RECEIPT: <u>40C</u>	

"No" responses must be explained in the comment section below.

Checklist	YES	NO	NA
Were custody seals on shipping container(s) intact? Check "NA" if no seals, or if containers were hand delivered.			✓
Were Chain of Custody Forms included with the samples?	✓		
Were Chain of Custody Forms properly filled out (ink, signed, etc.)	✓		
Were all containers received in good condition (Check for breakage/leaks)?	✓		
Were all containers labeled with required information (Sample Id, date, signed, analysis, preservation)?	✓		
Were the correct containers used for the tests indicated?	✓		
Were proper preservation techniques indicated?	✓		
Were samples received within holding times? If "NO" nonconformance form is required.	✓		
Were all VOA bottles checked for the presence of air bubbles? If bubbles were found please note in the comment section.			✓
Were samples in direct contact with wet ice? If "NO" check one: <input type="checkbox"/> Blue Ice <input type="checkbox"/> No Ice	✓	NO <u>NA</u>	
Is sample temperature recorded ? If "NO" check one: <input type="checkbox"/> Unable to record <input type="checkbox"/> Temp taken near samples	✓		
Were pHs of samples checked and recorded on the COC forms?			✓
Did the laboratory accept samples?	✓	✓	
Will samples be subcontracted? If "yes" list subcontractor and tests in specified sections below.			
Subcontractor:		Date Sent Out:	
Analyses Sent:			

Login Technician: <u>NA</u>	Login Review:
Comments:	
Full 8270 per Nelson Abrams. ASB CAT B Lite DATA	
Package utilizing EPA methods per Nelson Abrams.	
Nelson will forward Amended LOC. (exp) 12/13/05	
Left voicemail 12/20/05 Apologizing for Late Results.	

FedEx US Airbill
EXPRESS

8549 3830 2012

11 From 12/09/05 Sender's FedEx Account Number

Sender's Name SARAH CANNISTHANA Phone 908 947 0260

Company INTERFENCE & EDDY INC

Address 1140 ROUTE 22 EAST SUITE 101

City BAGDUEWATER State AT ZIP 08807

2 Your Internal Billing Reference DDC LEVINE PROPERTIES

3 To Recipient's Name SARAH CANNISTHANA Phone 908 947 0260

Company INTERFENCE & EDDY INC

Recipient's Address 8 SCHOOL STREET

City WETMOUTH State MA ZIP 02189

FedEx Retrieval Copy

0200

4a Express Package Service *Add SATURDAY Delivery, see Section 5. Packages up to 100 lbs. *If mail location.
1 ☒ FedEx Priority Overnight 5 ☐ FedEx Standard Overnight 6 ☐ FedEx First Overnight *For next business day delivery to select locations.

3 ☐ FedEx 2Day *For next business day. 20 ☐ FedEx Express Saver *For next business day.

4b Express Freight Service *Add SATURDAY Delivery, see Section 5. Packages over 150 lbs. *If mail location.
7 ☐ FedEx 1Day Freight* 8 ☐ FedEx 2Day Freight *For next business day. 83 ☐ FedEx 3Day Freight *For next business day.

5 Packaging *Decline FedEx EAS 200.
6 ☐ FedEx Envelope* 2 ☐ FedEx Pak* *For next business day. 3 ☐ FedEx Box 4 ☐ FedEx Tube 1 ☒ Other *If other, specify in Section 5.

5 Special Handling *Add fee for each additional service. *If other, specify in Section 5.
3 ☒ SATURDAY Delivery *Available only for FedEx Priority Overnight, FedEx Standard Overnight, FedEx 2Day, FedEx First Overnight, FedEx 1Day Freight, FedEx 2Day Freight, and FedEx 3Day Freight. 31 ☐ HOLD Saturday at FedEx Location *Available only for FedEx Priority Overnight, FedEx Standard Overnight, FedEx 2Day, FedEx First Overnight, FedEx 1Day Freight, FedEx 2Day Freight, and FedEx 3Day Freight.

6 ☐ No 4 ☐ Yes *For next business day. 6 ☐ Day Late *For next business day. 6 ☐ Day Late *For next business day.

7 Payment *Add fee for each additional service. *If other, specify in Section 5.
1 ☐ Sender 2 ☒ Recipient 3 ☐ Third Party 4 ☐ Credit Card 5 ☐ Cash/Check *For next business day.

8 ☐ No Signature 10 ☐ Restricted *For next business day. 34 ☐ Indirect Signature *For next business day.

9 ☐ No Signature 10 ☐ Restricted *For next business day. 34 ☐ Indirect Signature *For next business day.

10 ☐ No Signature 10 ☐ Restricted *For next business day. 34 ☐ Indirect Signature *For next business day.

11 ☐ No Signature 10 ☐ Restricted *For next business day. 34 ☐ Indirect Signature *For next business day.

12 ☐ No Signature 10 ☐ Restricted *For next business day. 34 ☐ Indirect Signature *For next business day.

13 ☐ No Signature 10 ☐ Restricted *For next business day. 34 ☐ Indirect Signature *For next business day.

14 ☐ No Signature 10 ☐ Restricted *For next business day. 34 ☐ Indirect Signature *For next business day.

15 ☐ No Signature 10 ☐ Restricted *For next business day. 34 ☐ Indirect Signature *For next business day.

16 ☐ No Signature 10 ☐ Restricted *For next business day. 34 ☐ Indirect Signature *For next business day.

17 ☐ No Signature 10 ☐ Restricted *For next business day. 34 ☐ Indirect Signature *For next business day.

18 ☐ No Signature 10 ☐ Restricted *For next business day. 34 ☐ Indirect Signature *For next business day.



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

Laboratory Report

Report Date 12/27/2005
Workorder No. 0512-00204

Customer: Metcalf & Eddy Associates
1140 Route 22 East
Suite 101
Bridgewater, NJ 08807

Attention: Mr. Nelson Abrams

Subject: DDC: LEVINE PROPERTY

Sample: 001 LPB-5 5-7

Collection Date: 12/12/2005 Time: 2:15:00PM

Matrix: SOIL

Received Date: 12/14/2005 Time: 10:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatle Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
Chloromethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
Bromomethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
Chloroethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
Acrolein	EPA 8260B	ND	ug/Kg	47	NAC	12/20/2005 / 10:34	
Acetone	EPA 8260B	26	ug/Kg	47	NAC	12/20/2005 / 10:34	JB
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
Iodomethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	47	NAC	12/20/2005 / 10:34	
Methylene Chloride	EPA 8260B	14	ug/Kg	37	NAC	12/20/2005 / 10:34	JB
Acrylonitrile	EPA 8260B	ND	ug/Kg	47	NAC	12/20/2005 / 10:34	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	47	NAC	12/20/2005 / 10:34	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	47	NAC	12/20/2005 / 10:34	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
Chloroform	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
Bromochloromethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Sample: 001 LPB-5 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
Benzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
Trichloroethylene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	47	NAC	12/20/2005 / 10:34	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	47	NAC	12/20/2005 / 10:34	
Toluene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
2-Hexanone	EPA 8260B	ND	ug/Kg	47	NAC	12/20/2005 / 10:34	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
Chlorobenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
Ethylbenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
M & P XYLENE	EPA 8260B	ND	ug/Kg	19	NAC	12/20/2005 / 10:34	
O-XYLENE	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
Styrene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
Bromoform	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
Bromobenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00204

Sample: 001 LPB-5 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
Naphthalene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 10:34	
DIBROMOFLUOROMETHANE (SURR)		97.3	%		NAC	12/20/2005 / 10:34	
TOLUENE-D8 (SURROGATE)		92.4	%		NAC	12/20/2005 / 10:34	
4-BROMOFLUOROBENZENE (SURR)		77.9	%		NAC	12/20/2005 / 10:34	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
Phenol	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
Hexachloroethane	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	380	TLL	12/20/2005 / 20:45	
Nitrobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
Isophorone	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
bis (2-Chloroethoxy)	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	

Certifications:

MA: MA069 NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Sample: 001 LPB-5 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Naphthalene	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
Acenaphthylene	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
Acenaphthene	EPA 8270C	41	ug/Kg	190	TLL	12/20/2005 / 20:45	J
3-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
Dibenzofuran	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
Fluorene	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
Phenanthrene	EPA 8270C	310	ug/Kg	190	TLL	12/20/2005 / 20:45	
Anthracene	EPA 8270C	81	ug/Kg	190	TLL	12/20/2005 / 20:45	J
Carbazole	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
Di-n-butylphthalate	EPA 8270C	47	ug/Kg	190	TLL	12/20/2005 / 20:45	J
Fluoranthene	EPA 8270C	330	ug/Kg	190	TLL	12/20/2005 / 20:45	
Benzidine	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00204

Sample: 001 LPB-5 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Pyrene	EPA 8270C	330	ug/Kg	190	TLL	12/20/2005 / 20:45	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
Benzo(a)anthracene	EPA 8270C	170	ug/Kg	190	TLL	12/20/2005 / 20:45	J
Chrysene	EPA 8270C	200	ug/Kg	190	TLL	12/20/2005 / 20:45	
bis(2-Ethylhexyl)phthalate	EPA 8270C	89	ug/Kg	190	TLL	12/20/2005 / 20:45	J
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
Benzo(b)fluoranthene	EPA 8270C	230	ug/Kg	190	TLL	12/20/2005 / 20:45	
Benzo(k)fluoranthene	EPA 8270C	100	ug/Kg	190	TLL	12/20/2005 / 20:45	J
Benzo(a)pyrene	EPA 8270C	180	ug/Kg	190	TLL	12/20/2005 / 20:45	J
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	190	TLL	12/20/2005 / 20:45	
2-FLUOROPHENOL (SURR)		47.5	%		TLL	12/20/2005 / 20:45	
PHENOL-D5 (SURR)		52.5	%		TLL	12/20/2005 / 20:45	
NITROBENZENE-D5 (SURR)		54.7	%		TLL	12/20/2005 / 20:45	
2-FLUOROBIPHENYL (SURR)		36.9	%		TLL	12/20/2005 / 20:45	
2,4,6-TRIBROMOPHENOL (SURR)		47.7	%		TLL	12/20/2005 / 20:45	
TERPHENYL-D14 (SURR)		52.3	%		TLL	12/20/2005 / 20:45	
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/Kg	1.9	NAC	12/20/2005 / 8:57	
beta-BHC	EPA 8081A	ND	ug/Kg	1.9	NAC	12/20/2005 / 8:57	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	1.9	NAC	12/20/2005 / 8:57	
delta-BHC	EPA 8081A	ND	ug/Kg	1.9	NAC	12/20/2005 / 8:57	
Heptachlor	EPA 8081A	ND	ug/Kg	1.9	NAC	12/20/2005 / 8:57	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	1.9	NAC	12/20/2005 / 8:57	
Aldrin	EPA 8081A	ND	ug/Kg	1.9	NAC	12/20/2005 / 8:57	
Dieldrin	EPA 8081A	ND	ug/Kg	1.9	NAC	12/20/2005 / 8:57	
Endrin	EPA 8081A	ND	ug/Kg	1.9	NAC	12/20/2005 / 8:57	
4,4'-DDD	EPA 8081A	ND	ug/Kg	1.9	NAC	12/20/2005 / 8:57	
4,4'-DDE	EPA 8081A	ND	ug/Kg	1.9	NAC	12/20/2005 / 8:57	
4,4'-DDT	EPA 8081A	ND	ug/Kg	1.9	NAC	12/20/2005 / 8:57	
Endosulfan I	EPA 8081A	ND	ug/Kg	1.9	NAC	12/20/2005 / 8:57	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 5 of 39

Sample: 001 LPB-5 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Endosulfan II	EPA 8081A	ND	ug/Kg	1.9	NAC	12/20/2005 / 8:57	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	1.9	NAC	12/20/2005 / 8:57	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	1.9	NAC	12/20/2005 / 8:57	
Methoxychlor	EPA 8081A	ND	ug/Kg	1.9	NAC	12/20/2005 / 8:57	
Endrin Ketone	EPA 8081A	ND	ug/Kg	1.9	NAC	12/20/2005 / 8:57	
Chlordane	EPA 8081A	ND	ug/Kg	38	NAC	12/20/2005 / 8:57	
Toxaphene	EPA 8081A	ND	ug/Kg	38	NAC	12/20/2005 / 8:57	
TCMX (SURROGATE)		71.2	%		NAC	12/20/2005 / 8:57	
DCB (SURROGATE)		69.8	%		NAC	12/20/2005 / 8:57	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	38	NAC	12/20/2005 / 12:02	
PCB-1221	EPA 8082	ND	ug/Kg	38	NAC	12/20/2005 / 12:02	
PCB-1232	EPA 8082	ND	ug/Kg	38	NAC	12/20/2005 / 12:02	
PCB-1242	EPA 8082	ND	ug/Kg	38	NAC	12/20/2005 / 12:02	
PCB-1248	EPA 8082	ND	ug/Kg	38	NAC	12/20/2005 / 12:02	
PCB-1254	EPA 8082	ND	ug/Kg	38	NAC	12/20/2005 / 12:02	
PCB-1260	EPA 8082	ND	ug/Kg	38	NAC	12/20/2005 / 12:02	
PCB-1262	EPA 8082	ND	ug/Kg	38	NAC	12/20/2005 / 12:02	
PCB-1268	EPA 8082	ND	ug/Kg	38	NAC	12/20/2005 / 12:02	
TCMX (SURROGATE)		83.4	%		NAC	12/20/2005 / 12:02	
DCB (SURROGATE)		78.4	%		NAC	12/20/2005 / 12:02	
Target Analyte List Metals							
Antimony	6010B, SW-846	3.92	mg/Kg	2.06	JS	12/15/2005 / 1:00	
Aluminum	6010B, SW-846	2760	mg/Kg	20.6	JS	12/15/2005 / 1:00	
Arsenic	6010B, SW-846	257	mg/Kg	1.03	JS	12/15/2005 / 1:00	
Barium	6010B, SW-846	82.1	mg/Kg	3.1	JS	12/15/2005 / 1:00	
Beryllium	6010B, SW-846	ND	mg/Kg	0.309	JS	12/15/2005 / 1:00	
Cadmium	6010B, SW-846	2.23	mg/Kg	0.309	JS	12/15/2005 / 1:00	
Chromium	6010B, SW-846	11.0	mg/Kg	1.03	JS	12/15/2005 / 1:00	
Calcium	6010B, SW-846	5050	mg/Kg	154	JS	12/15/2005 / 1:00	
Iron	6010B, SW-846	37400	mg/Kg	10.3	JS	12/15/2005 / 1:00	
Cobalt	6010B, SW-846	11.6	mg/Kg	5.14	JS	12/15/2005 / 1:00	
Copper	6010B, SW-846	1270	mg/Kg	5.14	JS	12/15/2005 / 1:00	
Lead	6010B, SW-846	1670	mg/Kg	3.09	JS	12/23/2005 / 1:00	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00204

Sample: 001 LPB-5 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Magnesium	6010B, SW-846	1430	mg/Kg	123	JS	12/15/2005 / 1:00	
Manganese	6010B, SW-846	323	mg/Kg	1.54	JS	12/15/2005 / 1:00	
Mercury	SW-846; 7471	1.43	mg/Kg	0.0623	JRH	12/20/2005 / 23:16	MHA
Nickel	6010B, SW-846	26.6	mg/Kg	4.11	JS	12/15/2005 / 1:00	
Vanadium	6010B, SW-846	16.0	mg/Kg	5.14	JS	12/15/2005 / 1:00	
Selenium	6010B, SW-846	ND	mg/Kg	2.06	JS	12/15/2005 / 1:00	
Potassium	6010B, SW-846	588	mg/Kg	154	JS	12/15/2005 / 1:00	
Silver	6010B, SW-846	1.08	mg/Kg	0.51	JS	12/15/2005 / 1:00	
Sodium	6010B, SW-846	180	mg/Kg	154	JS	12/15/2005 / 1:00	
Thallium	6010B, SW-846	ND	mg/Kg	2.06	JS	12/15/2005 / 1:00	
Zinc	6010B, SW-846	1200	mg/Kg	5.14	JS	12/23/2005 / 1:00	
Percent Solids		86.8	%		TLL	12/15/2005 / 7:28	
PCB OIL/SOIL EXTRACTIONS		30.31			NS	12/17/2005 / 7:39	
Flame/ICP Solid Digestion	EPA 3050B	89.2857			AM	12/15/2005 / 7:33	

Sample: 002 LPB-5 7-9

Collection Date: 12/12/2005 Time: 2:21:00PM

Received Date: 12/14/2005 Time: 10:00:00AM

Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
Chloromethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
Bromomethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
Chloroethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
Acrolein	EPA 8260B	ND	ug/Kg	45	NAC	12/20/2005 / 11:06	
Acetone	EPA 8260B	25	ug/Kg	45	NAC	12/20/2005 / 11:06	JB
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
Iodomethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	45	NAC	12/20/2005 / 11:06	
Methylene Chloride	EPA 8260B	25	ug/Kg	36	NAC	12/20/2005 / 11:06	JB
Acrylonitrile	EPA 8260B	ND	ug/Kg	45	NAC	12/20/2005 / 11:06	

Certifications:

MA: MA069

NY: 10982

CT: PH0119

RI: A45

NJ: 59744

ND = Not Detected PQL = Practical Quantitation Limit

Page: 7 of 39



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00204

Sample: 002 LPB-5 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	45	NAC	12/20/2005 / 11:06	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	45	NAC	12/20/2005 / 11:06	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
Chloroform	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
Bromochloromethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
Benzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
Trichloroethylene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	45	NAC	12/20/2005 / 11:06	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	45	NAC	12/20/2005 / 11:06	
Toluene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
2-Hexanone	EPA 8260B	ND	ug/Kg	45	NAC	12/20/2005 / 11:06	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
Chlorobenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
Ethylbenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
M & P XYLENE	EPA 8260B	ND	ug/Kg	18	NAC	12/20/2005 / 11:06	
O-XYLENE	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
Styrene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 8 of 39



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00204

Sample: 002 LPB-5 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Bromoform	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
Bromobenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
Naphthalene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 11:06	
DIBROMOFLUOROMETHANE (SURR)		100	%		NAC	12/20/2005 / 11:06	
TOLUENE-D8 (SURROGATE)		95.8	%		NAC	12/20/2005 / 11:06	
4-BROMOFLUOROBENZENE (SURR)		62.2	%		NAC	12/20/2005 / 11:06	
B/NA Extractables Soil							GX
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
Phenol	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	

Certifications: MA: MA069 NY:10982

GT: PH0119

RJ:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Sample: 002 LPB-5 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
Hexachloroethane	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	360	TLL	12/20/2005 / 18:02	
Nitrobenzene	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
Isophorone	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
bis (2-Chloroethoxy)	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
Naphthalene	EPA 8270C	57	ug/Kg	180	TLL	12/20/2005 / 18:02	J
4-Chloroaniline	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
Acenaphthylene	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
Acenaphthene	EPA 8270C	40	ug/Kg	180	TLL	12/20/2005 / 18:02	J
3-Nitroaniline	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
Dibenzofuran	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
Fluorene	EPA 8270C	52	ug/Kg	180	TLL	12/20/2005 / 18:02	J
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00204

Sample: 002 LPB-5 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
Phenanthrene	EPA 8270C	450	ug/Kg	180	TLL	12/20/2005 / 18:02	
Anthracene	EPA 8270C	99	ug/Kg	180	TLL	12/20/2005 / 18:02	J
Carbazole	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
Di-n-butylphthalate	EPA 8270C	49	ug/Kg	180	TLL	12/20/2005 / 18:02	J
Fluoranthene	EPA 8270C	430	ug/Kg	180	TLL	12/20/2005 / 18:02	
Benzidine	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
Pyrene	EPA 8270C	430	ug/Kg	180	TLL	12/20/2005 / 18:02	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
3,3'-Dichlorbenzidine	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
Benzo(a)anthracene	EPA 8270C	170	ug/Kg	180	TLL	12/20/2005 / 18:02	J
Chrysene	EPA 8270C	180	ug/Kg	180	TLL	12/20/2005 / 18:02	J
bis(2-Ethylhexyl)phthalate	EPA 8270C	570	ug/Kg	180	TLL	12/20/2005 / 18:02	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	140	ug/Kg	180	TLL	12/20/2005 / 18:02	J
Benzo(b)fluoranthene	EPA 8270C	220	ug/Kg	180	TLL	12/20/2005 / 18:02	
Benzo(k)fluoranthene	EPA 8270C	160	ug/Kg	180	TLL	12/20/2005 / 18:02	J
Benzo(a)pyrene	EPA 8270C	210	ug/Kg	180	TLL	12/20/2005 / 18:02	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	180	TLL	12/20/2005 / 18:02	
Benzo (g,h,i) perylene	EPA 8270C	100	ug/Kg	180	TLL	12/20/2005 / 18:02	J
2-FLUOROPHENOL (SURR)		50.9	%		TLL	12/20/2005 / 18:02	
PHENOL-D5 (SURR)		59.1	%		TLL	12/20/2005 / 18:02	
NITROBENZENE-D5 (SURR)		53.4	%		TLL	12/20/2005 / 18:02	
2-FLUOROBIPHENYL (SURR)		43.4	%		TLL	12/20/2005 / 18:02	
2,4,6-TRIBROMOPHENOL (SURR)		61.0	%		TLL	12/20/2005 / 18:02	
TERPHENYL-D14 (SURR)		52.7	%		TLL	12/20/2005 / 18:02	
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/Kg	1.8	NAC	12/20/2005 / 8:57	
beta-BHC	EPA 8081A	ND	ug/Kg	1.8	NAC	12/20/2005 / 8:57	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00204

Sample: 002 LPB-5 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	1.8	NAC	12/20/2005 / 8:57	
delta-BHC	EPA 8081A	ND	ug/Kg	1.8	NAC	12/20/2005 / 8:57	
Heptachlor	EPA 8081A	ND	ug/Kg	1.8	NAC	12/20/2005 / 8:57	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	1.8	NAC	12/20/2005 / 8:57	
Aldrin	EPA 8081A	ND	ug/Kg	1.8	NAC	12/20/2005 / 8:57	
Dieldrin	EPA 8081A	ND	ug/Kg	1.8	NAC	12/20/2005 / 8:57	
Endrin	EPA 8081A	ND	ug/Kg	1.8	NAC	12/20/2005 / 8:57	
4,4'-DDD	EPA 8081A	ND	ug/Kg	1.8	NAC	12/20/2005 / 8:57	
4,4'-DDE	EPA 8081A	ND	ug/Kg	1.8	NAC	12/20/2005 / 8:57	
4,4'-DDT	EPA 8081A	ND	ug/Kg	1.8	NAC	12/20/2005 / 8:57	
Endosulfan I	EPA 8081A	ND	ug/Kg	1.8	NAC	12/20/2005 / 8:57	
Endosulfan II	EPA 8081A	ND	ug/Kg	1.8	NAC	12/20/2005 / 8:57	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	1.8	NAC	12/20/2005 / 8:57	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	1.8	NAC	12/20/2005 / 8:57	
Methoxychlor	EPA 8081A	ND	ug/Kg	1.8	NAC	12/20/2005 / 8:57	
Endrin Ketone	EPA 8081A	ND	ug/Kg	1.8	NAC	12/20/2005 / 8:57	
Chlordane	EPA 8081A	ND	ug/Kg	36	NAC	12/20/2005 / 8:57	
Toxaphene	EPA 8081A	ND	ug/Kg	36	NAC	12/20/2005 / 8:57	
TCMX (SURROGATE)		51.2	%		NAC	12/20/2005 / 8:57	
DCB (SURROGATE)		52.6	%		NAC	12/20/2005 / 8:57	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	36	NAC	12/20/2005 / 1:02	
PCB-1221	EPA 8082	ND	ug/Kg	36	NAC	12/20/2005 / 1:02	
PCB-1232	EPA 8082	ND	ug/Kg	36	NAC	12/20/2005 / 1:02	
PCB-1242	EPA 8082	ND	ug/Kg	36	NAC	12/20/2005 / 1:02	
PCB-1248	EPA 8082	ND	ug/Kg	36	NAC	12/20/2005 / 1:02	
PCB-1254	EPA 8082	ND	ug/Kg	36	NAC	12/20/2005 / 1:02	
PCB-1260	EPA 8082	ND	ug/Kg	36	NAC	12/20/2005 / 1:02	
PCB-1262	EPA 8082	ND	ug/Kg	36	NAC	12/20/2005 / 1:02	
PCB-1268	EPA 8082	ND	ug/Kg	36	NAC	12/20/2005 / 1:02	
TCMX (SURROGATE)		57.6	%		NAC	12/20/2005 / 1:02	
DCB (SURROGATE)		58.2	%		NAC	12/20/2005 / 1:02	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	1.87	JS	12/15/2005 / 1:00	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00204

Sample: 002 LPB-5 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Aluminum	6010B, SW-846	3020	mg/Kg	18.7	JS	12/15/2005 / 1:00	
Arsenic	6010B, SW-846	271	mg/Kg	0.936	JS	12/15/2005 / 1:00	
Barium	6010B, SW-846	68.7	mg/Kg	2.8	JS	12/15/2005 / 1:00	
Beryllium	6010B, SW-846	ND	mg/Kg	0.281	JS	12/15/2005 / 1:00	
Cadmium	6010B, SW-846	0.607	mg/Kg	0.281	JS	12/15/2005 / 1:00	
Chromium	6010B, SW-846	11.6	mg/Kg	0.936	JS	12/15/2005 / 1:00	
Calcium	6010B, SW-846	14600	mg/Kg	140	JS	12/15/2005 / 1:00	
Iron	6010B, SW-846	11900	mg/Kg	9.36	JS	12/15/2005 / 1:00	
Cobalt	6010B, SW-846	4.81	mg/Kg	4.68	JS	12/15/2005 / 1:00	
Copper	6010B, SW-846	216	mg/Kg	4.68	JS	12/15/2005 / 1:00	
Lead	6010B, SW-846	146	mg/Kg	2.81	JS	12/23/2005 / 1:00	
Magnesium	6010B, SW-846	3260	mg/Kg	112	JS	12/15/2005 / 1:00	
Manganese	6010B, SW-846	272	mg/Kg	1.40	JS	12/15/2005 / 1:00	
Mercury	SW-846; 7471	0.298	mg/Kg	0.0272	JRH	12/20/2005 / 23:16	
Nickel	6010B, SW-846	14.6	mg/Kg	3.75	JS	12/15/2005 / 1:00	
Vanadium	6010B, SW-846	11.1	mg/Kg	4.68	JS	12/15/2005 / 1:00	
Selenium	6010B, SW-846	ND	mg/Kg	1.87	JS	12/15/2005 / 1:00	
Potassium	6010B, SW-846	708	mg/Kg	140	JS	12/15/2005 / 1:00	
Silver	6010B, SW-846	0.817	mg/Kg	0.47	JS	12/15/2005 / 1:00	
Sodium	6010B, SW-846	177	mg/Kg	140	JS	12/15/2005 / 1:00	
Thallium	6010B, SW-846	ND	mg/Kg	1.87	JS	12/15/2005 / 1:00	
Zinc	6010B, SW-846	245	mg/Kg	4.68	JS	12/23/2005 / 1:00	
Percent Solids		90.5	%		TLL	12/15/2005 / 7:28	
PCB OIL/SOIL EXTRACTIONS		30.56			NS	12/17/2005 / 7:39	
Flame/ICP Solid Digestion	EPA 3050B	84.7458			AM	12/15/2005 / 7:33	

Sample: 003 LPB-8 7-9

Collection Date: 12/12/2005 Time: 2:35:00PM

Matrix: SOIL

Received Date: 12/14/2005 Time: 10:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744
ND = Not Detected PQL= Practical Quantitation Limit

Page: 13 of 39



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00204

Sample: 003 LPB-8 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Chloromethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
Bromomethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
Chloroethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
Acrolein	EPA 8260B	ND	ug/Kg	43	NAC	12/20/2005 / 19:24	
Acetone	EPA 8260B	24	ug/Kg	43	NAC	12/20/2005 / 19:24	JB
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
Iodomethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	43	NAC	12/20/2005 / 19:24	
Methylene Chloride	EPA 8260B	9	ug/Kg	35	NAC	12/20/2005 / 19:24	JB
Acrylonitrile	EPA 8260B	ND	ug/Kg	43	NAC	12/20/2005 / 19:24	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	43	NAC	12/20/2005 / 19:24	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	43	NAC	12/20/2005 / 19:24	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
Chloroform	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
Bromochloromethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
Benzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
Trichloroethylene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	43	NAC	12/20/2005 / 19:24	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	43	NAC	12/20/2005 / 19:24	
Toluene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 14 of 39



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00204

Sample: 003 LPB-8 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
2-Hexanone	EPA 8260B	ND	ug/Kg	43	NAC	12/20/2005 / 19:24	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
Chlorobenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
Ethylbenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
M & P XYLENE	EPA 8260B	ND	ug/Kg	17	NAC	12/20/2005 / 19:24	
O-XYLENE	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
Styrene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
Bromoform	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
Bromobenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
Naphthalene	EPA 8260B	12	ug/Kg	9	NAC	12/20/2005 / 19:24	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9	NAC	12/20/2005 / 19:24	
DIBROMOFLUOROMETHANE (SURR)		92.5	%		NAC	12/20/2005 / 19:24	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00204

Sample: 003 LPB-8 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TOLUENE-D8 (SURROGATE)		96.2	%		NAC	12/20/2005 / 19:24	
4-BROMOFLUOROBENZENE (SURR)		96.6	%		NAC	12/20/2005 / 19:24	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
Phenol	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
Hexachloroethane	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	350	TLL	12/20/2005 / 20:04	
Nitrobenzene	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
Isophorone	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
bis (2-Chloroethoxy)	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
Naphthalene	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
Acenaphthylene	EPA 8270C	46	ug/Kg	170	TLL	12/20/2005 / 20:04	J
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 16 of 39



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00204

Sample: 003 LPB-8 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
Acenaphthene	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
Dibenzofuran	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
Fluorene	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
Phenanthrene	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
Anthracene	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
Carbazole	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
Fluoranthene	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
Benzidine	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
Pyrene	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
Chrysene	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	

Certifications: MA: MAD69 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 17 of 39



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00204

Sample: 003 LPB-8 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	170	TLL	12/20/2005 / 20:04	
2-FLUOROPHENOL (SURR)		43.1	%		TLL	12/20/2005 / 20:04	
PHENOL-D5 (SURR)		45.2	%		TLL	12/20/2005 / 20:04	
NITROBENZENE-D5 (SURR)		47.0	%		TLL	12/20/2005 / 20:04	
2-FLUOROBIPHENYL (SURR)		47.6	%		TLL	12/20/2005 / 20:04	
2,4,6-TRIBROMOPHENOL (SURR)		57.0	%		TLL	12/20/2005 / 20:04	
TERPHENYL-D14 (SURR)		64.8	%		TLL	12/20/2005 / 20:04	
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/Kg	1.7	NAC	12/20/2005 / 8:57	
beta-BHC	EPA 8081A	ND	ug/Kg	1.7	NAC	12/20/2005 / 8:57	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	1.7	NAC	12/20/2005 / 8:57	
delta-BHC	EPA 8081A	ND	ug/Kg	1.7	NAC	12/20/2005 / 8:57	
Heptachlor	EPA 8081A	ND	ug/Kg	1.7	NAC	12/20/2005 / 8:57	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	1.7	NAC	12/20/2005 / 8:57	
Aldrin	EPA 8081A	ND	ug/Kg	1.7	NAC	12/20/2005 / 8:57	
Dieldrin	EPA 8081A	ND	ug/Kg	1.7	NAC	12/20/2005 / 8:57	
Endrin	EPA 8081A	ND	ug/Kg	1.7	NAC	12/20/2005 / 8:57	
4,4'-DDD	EPA 8081A	ND	ug/Kg	1.7	NAC	12/20/2005 / 8:57	
4,4'-DDE	EPA 8081A	ND	ug/Kg	1.7	NAC	12/20/2005 / 8:57	
4,4'-DDT	EPA 8081A	ND	ug/Kg	1.7	NAC	12/20/2005 / 8:57	
Endosulfan I	EPA 8081A	ND	ug/Kg	1.7	NAC	12/20/2005 / 8:57	
Endosulfan II	EPA 8081A	ND	ug/Kg	1.7	NAC	12/20/2005 / 8:57	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	1.7	NAC	12/20/2005 / 8:57	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	1.7	NAC	12/20/2005 / 8:57	
Methoxychlor	EPA 8081A	ND	ug/Kg	1.7	NAC	12/20/2005 / 8:57	
Endrin Ketone	EPA 8081A	ND	ug/Kg	1.7	NAC	12/20/2005 / 8:57	
Chlordane	EPA 8081A	ND	ug/Kg	35	NAC	12/20/2005 / 8:57	
Toxaphene	EPA 8081A	ND	ug/Kg	35	NAC	12/20/2005 / 8:57	
TCMX (SURROGATE)		62.5	%		NAC	12/20/2005 / 8:57	
DCB (SURROGATE)		57.3	%		NAC	12/20/2005 / 8:57	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	35	NAC	12/20/2005 / 1:22	
PCB-1221	EPA 8082	ND	ug/Kg	35	NAC	12/20/2005 / 1:22	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 18 of 39



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00204

Sample: 003 LPB-8 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-1232	EPA 8082	ND	ug/Kg	35	NAC	12/20/2005 / 1:22	
PCB-1242	EPA 8082	ND	ug/Kg	35	NAC	12/20/2005 / 1:22	
PCB-1248	EPA 8082	ND	ug/Kg	35	NAC	12/20/2005 / 1:22	
PCB-1254	EPA 8082	ND	ug/Kg	35	NAC	12/20/2005 / 1:22	
PCB-1260	EPA 8082	ND	ug/Kg	35	NAC	12/20/2005 / 1:22	
PCB-1262	EPA 8082	ND	ug/Kg	35	NAC	12/20/2005 / 1:22	
PCB-1268	EPA 8082	ND	ug/Kg	35	NAC	12/20/2005 / 1:22	
TCMX (SURROGATE)		72.4	%		NAC	12/20/2005 / 1:22	
DCB (SURROGATE)		73.7	%		NAC	12/20/2005 / 1:22	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.09	JS	12/15/2005 / 1:00	
Aluminum	6010B, SW-846	421	mg/Kg	20.9	JS	12/15/2005 / 1:00	
Arsenic	6010B, SW-846	3.11	mg/Kg	1.05	JS	12/15/2005 / 1:00	
Barium	6010B, SW-846	5.00	mg/Kg	3.1	JS	12/15/2005 / 1:00	
Beryllium	6010B, SW-846	ND	mg/Kg	0.314	JS	12/15/2005 / 1:00	
Cadmium	6010B, SW-846	ND	mg/Kg	0.314	JS	12/15/2005 / 1:00	
Chromium	6010B, SW-846	2.84	mg/Kg	1.05	JS	12/15/2005 / 1:00	
Calcium	6010B, SW-846	215	mg/Kg	157	JS	12/15/2005 / 1:00	
Iron	6010B, SW-846	3630	mg/Kg	10.5	JS	12/15/2005 / 1:00	
Cobalt	6010B, SW-846	ND	mg/Kg	5.23	JS	12/15/2005 / 1:00	
Copper	6010B, SW-846	5.67	mg/Kg	5.23	JS	12/15/2005 / 1:00	
Lead	6010B, SW-846	ND	mg/Kg	3.14	JS	12/23/2005 / 1:00	
Magnesium	6010B, SW-846	207	mg/Kg	126	JS	12/15/2005 / 1:00	
Manganese	6010B, SW-846	27.7	mg/Kg	1.57	JS	12/15/2005 / 1:00	
Mercury	SW-846; 7471	ND	mg/Kg	0.0301	JRH	12/20/2005 / 23:16	
Nickel	6010B, SW-846	ND	mg/Kg	4.19	JS	12/15/2005 / 1:00	
Vanadium	6010B, SW-846	ND	mg/Kg	5.23	JS	12/15/2005 / 1:00	
Selenium	6010B, SW-846	ND	mg/Kg	2.09	JS	12/15/2005 / 1:00	
Potassium	6010B, SW-846	ND	mg/Kg	157	JS	12/15/2005 / 1:00	
Silver	6010B, SW-846	ND	mg/Kg	0.52	JS	12/15/2005 / 1:00	
Sodium	6010B, SW-846	ND	mg/Kg	157	JS	12/15/2005 / 1:00	
Thallium	6010B, SW-846	ND	mg/Kg	2.09	JS	12/15/2005 / 1:00	
Zinc	6010B, SW-846	13.0	mg/Kg	5.23	JS	12/23/2005 / 1:00	
Percent Solids		94.6	%		TLL	12/15/2005 / 7:28	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 19 of 39



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00204

Sample: 003 LPB-8 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB OIL/SOIL EXTRACTIONS		30.26			NS	12/17/2005 / 7:39	
Flame/ICP Solid Digestion	EPA 3050B	99.0099			AM	12/15/2005 / 7:33	

Sample: 004 LPB-8 11-13

Collection Date: 12/12/2005 Time: 2:40:00PM

Received Date: 12/14/2005 Time: 10:00:00AM

Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
Chloromethane	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
Bromomethane	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
Chloroethane	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
Acrolein	EPA 8260B	ND	ug/Kg	50	NAC	12/20/2005 / 12:11	
Acetone	EPA 8260B	100	ug/Kg	50	NAC	12/20/2005 / 12:11	B
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
Iodomethane	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	50	NAC	12/20/2005 / 12:11	
Methylene Chloride	EPA 8260B	18	ug/Kg	40	NAC	12/20/2005 / 12:11	JB
Acrylonitrile	EPA 8260B	ND	ug/Kg	50	NAC	12/20/2005 / 12:11	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	50	NAC	12/20/2005 / 12:11	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	50	NAC	12/20/2005 / 12:11	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
Chloroform	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
Bromochloromethane	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 20 of 39



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00204

Sample: 004 LPB-8 11-13
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Benzene	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
Trichloroethylene	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	50	NAC	12/20/2005 / 12:11	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	50	NAC	12/20/2005 / 12:11	
Toluene	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
2-Hexanone	EPA 8260B	ND	ug/Kg	50	NAC	12/20/2005 / 12:11	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
Chlorobenzene	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
Ethylbenzene	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
M & P XYLENE	EPA 8260B	ND	ug/Kg	20	NAC	12/20/2005 / 12:11	
O-XYLENE	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
Styrene	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
Bromoform	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
Bromobenzene	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL = Practical Quantitation Limit

Page: 21 of 39



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00204

Sample: 004 LPB-8 11-13
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
Naphthalene	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	NAC	12/20/2005 / 12:11	
DIBROMOFLUOROMETHANE (SURR)		85.7	%		NAC	12/20/2005 / 12:11	
TOLUENE-D8 (SURROGATE)		52.5	%		NAC	12/20/2005 / 12:11	GX
4-BROMOFLUOROBENZENE (SURR)		0.00	%		NAC	12/20/2005 / 12:11	GX
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
Phenol	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
2,2'-oxybis(1-Chloropropane)	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
Hexachloroethane	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	2000	TLL	12/20/2005 / 17:23	
Nitrobenzene	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
Isophorone	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
bis (2-Chloroethoxy)	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
Naphthalene	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	

Certifications: MA: MA069 NY:10082 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 22 of 39



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00204

Sample: 004 LPB-8 11-13
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
4-Chloroaniline	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
Acenaphthylene	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
Acenaphthene	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
Dibenzofuran	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
Fluorene	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
Phenanthrene	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
Anthracene	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
Carbazole	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
Fluoranthene	EPA 8270C	460	ug/Kg	990	TLL	12/20/2005 / 17:23	J
Benzidine	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
Pyrene	EPA 8270C	750	ug/Kg	990	TLL	12/20/2005 / 17:23	J



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00204

Sample: 004 LPB-8 11-13
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
Benzo(a)anthracene	EPA 8270C	220	ug/Kg	990	TLL	12/20/2005 / 17:23	J
Chrysene	EPA 8270C	230	ug/Kg	990	TLL	12/20/2005 / 17:23	J
bis(2-Ethylhexyl)phthalate	EPA 8270C	310	ug/Kg	990	TLL	12/20/2005 / 17:23	J
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
Benzo(b)fluoranthene	EPA 8270C	440	ug/Kg	990	TLL	12/20/2005 / 17:23	J
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
Benzo(a)pyrene	EPA 8270C	370	ug/Kg	990	TLL	12/20/2005 / 17:23	J
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	990	TLL	12/20/2005 / 17:23	
Benzo (g,h,i) perylene	EPA 8270C	330	ug/Kg	990	TLL	12/20/2005 / 17:23	J
2-FLUOROPHENOL (SURR)		59.6	%		TLL	12/20/2005 / 17:23	
PHENOL-D5 (SURR)		55.0	%		TLL	12/20/2005 / 17:23	
NITROBENZENE-D5 (SURR)		98.2	%		TLL	12/20/2005 / 17:23	
2-FLUOROBIPHENYL (SURR)		66.3	%		TLL	12/20/2005 / 17:23	
2,4,6-TRIBROMOPHENOL (SURR)		77.2	%		TLL	12/20/2005 / 17:23	
TERPHENYL-D14 (SURR)		74.6	%		TLL	12/20/2005 / 17:23	
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/Kg	2.0	NAC	12/20/2005 / 8:57	
beta-BHC	EPA 8081A	ND	ug/Kg	2.0	NAC	12/20/2005 / 8:57	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	2.0	NAC	12/20/2005 / 8:57	
delta-BHC	EPA 8081A	ND	ug/Kg	2.0	NAC	12/20/2005 / 8:57	
Heptachlor	EPA 8081A	ND	ug/Kg	2.0	NAC	12/20/2005 / 8:57	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	2.0	NAC	12/20/2005 / 8:57	
Aldrin	EPA 8081A	ND	ug/Kg	2.0	NAC	12/20/2005 / 8:57	
Dieldrin	EPA 8081A	ND	ug/Kg	2.0	NAC	12/20/2005 / 8:57	
Endrin	EPA 8081A	ND	ug/Kg	2.0	NAC	12/20/2005 / 8:57	
4,4'-DDD	EPA 8081A	ND	ug/Kg	2.0	NAC	12/20/2005 / 8:57	
4,4'-DDE	EPA 8081A	ND	ug/Kg	2.0	NAC	12/20/2005 / 8:57	
4,4'-DDT	EPA 8081A	ND	ug/Kg	2.0	NAC	12/20/2005 / 8:57	
Endosulfan I	EPA 8081A	ND	ug/Kg	2.0	NAC	12/20/2005 / 8:57	
Endosulfan II	EPA 8081A	ND	ug/Kg	2.0	NAC	12/20/2005 / 8:57	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00204

Sample: 004 LPB-8 11-13
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	2.0	NAC	12/20/2005 / 8:57	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	2.0	NAC	12/20/2005 / 8:57	
Methoxychlor	EPA 8081A	ND	ug/Kg	2.0	NAC	12/20/2005 / 8:57	
Endrin Ketone	EPA 8081A	ND	ug/Kg	2.0	NAC	12/20/2005 / 8:57	
Chlordane	EPA 8081A	ND	ug/Kg	39	NAC	12/20/2005 / 8:57	
Toxaphene	EPA 8081A	ND	ug/Kg	39	NAC	12/20/2005 / 8:57	
TCMX (SURROGATE)		77.1	%		NAC	12/20/2005 / 8:57	
DCB (SURROGATE)		83.2	%		NAC	12/20/2005 / 8:57	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	39	NAC	12/20/2005 / 1:42	
PCB-1221	EPA 8082	ND	ug/Kg	39	NAC	12/20/2005 / 1:42	
PCB-1232	EPA 8082	ND	ug/Kg	39	NAC	12/20/2005 / 1:42	
PCB-1242	EPA 8082	ND	ug/Kg	39	NAC	12/20/2005 / 1:42	
PCB-1248	EPA 8082	ND	ug/Kg	39	NAC	12/20/2005 / 1:42	
PCB-1254	EPA 8082	ND	ug/Kg	39	NAC	12/20/2005 / 1:42	
PCB-1260	EPA 8082	ND	ug/Kg	39	NAC	12/20/2005 / 1:42	
PCB-1262	EPA 8082	ND	ug/Kg	39	NAC	12/20/2005 / 1:42	
PCB-1268	EPA 8082	ND	ug/Kg	39	NAC	12/20/2005 / 1:42	
TCMX (SURROGATE)		86.2	%		NAC	12/20/2005 / 1:42	
DCB (SURROGATE)		85.8	%		NAC	12/20/2005 / 1:42	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.03	JS	12/15/2005 / 1:00	
Aluminum	6010B, SW-846	927	mg/Kg	20.3	JS	12/15/2005 / 1:00	
Arsenic	6010B, SW-846	5.50	mg/Kg	1.02	JS	12/15/2005 / 1:00	
Barium	6010B, SW-846	15.9	mg/Kg	3.0	JS	12/15/2005 / 1:00	
Beryllium	6010B, SW-846	ND	mg/Kg	0.305	JS	12/15/2005 / 1:00	
Cadmium	6010B, SW-846	ND	mg/Kg	0.305	JS	12/15/2005 / 1:00	
Chromium	6010B, SW-846	5.63	mg/Kg	1.02	JS	12/15/2005 / 1:00	
Calcium	6010B, SW-846	1470	mg/Kg	152	JS	12/15/2005 / 1:00	
Iron	6010B, SW-846	7470	mg/Kg	10.2	JS	12/15/2005 / 1:00	
Cobalt	6010B, SW-846	ND	mg/Kg	5.08	JS	12/15/2005 / 1:00	
Copper	6010B, SW-846	14.4	mg/Kg	5.08	JS	12/15/2005 / 1:00	
Lead	6010B, SW-846	38.5	mg/Kg	3.05	JS	12/23/2005 / 1:00	
Magnesium	6010B, SW-846	458	mg/Kg	122	JS	12/15/2005 / 1:00	

Certifications:

MA: MA069

NY: 10982

CT: PH0119

RI: A45

NJ: 59744

ND = Not Detected PQL = Practical Quantitation Limit

Page: 25 of 39



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00204

Sample: 004 LPB-8 11-13
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Manganese	6010B, SW-846	44.9	mg/Kg	1.52	JS	12/15/2005 / 1:00	
Mercury	SW-846; 7471	0.0494	mg/Kg	0.0295	JRH	12/20/2005 / 23:16	
Nickel	6010B, SW-846	6.47	mg/Kg	4.07	JS	12/15/2005 / 1:00	
Vanadium	6010B, SW-846	ND	mg/Kg	5.08	JS	12/15/2005 / 1:00	
Selenium	6010B, SW-846	ND	mg/Kg	2.03	JS	12/15/2005 / 1:00	
Potassium	6010B, SW-846	220	mg/Kg	152	JS	12/15/2005 / 1:00	
Silver	6010B, SW-846	ND	mg/Kg	0.51	JS	12/15/2005 / 1:00	
Sodium	6010B, SW-846	192	mg/Kg	152	JS	12/15/2005 / 1:00	
Thallium	6010B, SW-846	ND	mg/Kg	2.03	JS	12/15/2005 / 1:00	
Zinc	6010B, SW-846	123	mg/Kg	5.08	JS	12/23/2005 / 1:00	
Percent Solids		84.1	%		TLL	12/15/2005 / 7:28	
PCB OIL/SOIL EXTRACTIONS		30.43			NS	12/17/2005 / 7:39	
Flame/ICP Solid Digestion	EPA 3050B	85.4701			AM	12/15/2005 / 7:33	

Sample: 005 LPB-7 5-7
Collection Date: 12/13/2005 Time: 1:40:00PM
Matrix: SOIL

Received Date: 12/14/2005 Time: 10:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
Chloromethane	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
Bromomethane	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
Chloroethane	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
Acrolein	EPA 8260B	ND	ug/Kg	59	NAC	12/20/2005 / 12:44	
Acetone	EPA 8260B	36	ug/Kg	59	NAC	12/20/2005 / 12:44	JB
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
Iodomethane	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	59	NAC	12/20/2005 / 12:44	
Methylene Chloride	EPA 8260B	18	ug/Kg	47	NAC	12/20/2005 / 12:44	JB
Acrylonitrile	EPA 8260B	ND	ug/Kg	59	NAC	12/20/2005 / 12:44	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	

Certifications: MA: MA069 NY:10982
ND = Not Detected PQL= Practical Quantitation Limit

CT: PH0119

RI: A45

NJ: 59744

Page: 26 of 39

Sample: 005 LPB-7 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
2-Butanone (MEK)	EPA 8260B	ND	ug/Kg	59	NAC	12/20/2005 / 12:44	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	59	NAC	12/20/2005 / 12:44	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
Chloroform	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
Bromochloromethane	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
Benzene	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
Trichloroethylene	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	59	NAC	12/20/2005 / 12:44	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	59	NAC	12/20/2005 / 12:44	
Toluene	EPA 8260B	6	ug/Kg	12	NAC	12/20/2005 / 12:44	J
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
2-Hexanone	EPA 8260B	ND	ug/Kg	59	NAC	12/20/2005 / 12:44	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
Chlorobenzene	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
Ethylbenzene	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
M & P XYLENE	EPA 8260B	ND	ug/Kg	24	NAC	12/20/2005 / 12:44	
O-XYLENE	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
Styrene	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
Bromoform	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00204

Sample: 005 LPB-7 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Isopropylbenzene	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
Bromobenzene	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
Naphthalene	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	12	NAC	12/20/2005 / 12:44	
DIBROMOFLUOROMETHANE (SURR)		97.4	%		NAC	12/20/2005 / 12:44	
TOLUENE-D8 (SURROGATE)		105	%		NAC	12/20/2005 / 12:44	
4-BROMOFLUOROBENZENE (SURR)		111	%		NAC	12/20/2005 / 12:44	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
Phenol	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00204

Sample: 005 LPB-7 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Hexachloroethane	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	430	TLL	12/20/2005 / 19:23	
Nitrobenzene	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
Isophorone	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
bis (2-Chloroethoxy)	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
Naphthalene	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
Acenaphthylene	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
Acenaphthene	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
Dibenzofuran	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
Fluorene	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 29 of 39



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00204

Sample: 005 LPB-7 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
Phenanthrene	EPA 8270C	110	ug/Kg	220	TLL	12/20/2005 / 19:23	J
Anthracene	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
Carbazole	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
Fluoranthene	EPA 8270C	160	ug/Kg	220	TLL	12/20/2005 / 19:23	J
Benidine	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
Pyrene	EPA 8270C	170	ug/Kg	220	TLL	12/20/2005 / 19:23	J
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
3,3'-Dichlorbenzidine	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
Benzo(a)anthracene	EPA 8270C	99	ug/Kg	220	TLL	12/20/2005 / 19:23	J
Chrysene	EPA 8270C	99	ug/Kg	220	TLL	12/20/2005 / 19:23	J
bis(2-Ethylhexyl)phthalate	EPA 8270C	270	ug/Kg	220	TLL	12/20/2005 / 19:23	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	170	ug/Kg	220	TLL	12/20/2005 / 19:23	J
Benzo(b)fluoranthene	EPA 8270C	140	ug/Kg	220	TLL	12/20/2005 / 19:23	J
Benzo(k)fluoranthene	EPA 8270C	75	ug/Kg	220	TLL	12/20/2005 / 19:23	J
Benzo(a)pyrene	EPA 8270C	150	ug/Kg	220	TLL	12/20/2005 / 19:23	J
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	220	TLL	12/20/2005 / 19:23	
2-FLUOROPHENOL (SURR)		47.3	%		TLL	12/20/2005 / 19:23	
PHENOL-D5 (SURR)		55.2	%		TLL	12/20/2005 / 19:23	
NITROBENZENE-D5 (SURR)		54.8	%		TLL	12/20/2005 / 19:23	
2-FLUOROBIPHENYL (SURR)		42.8	%		TLL	12/20/2005 / 19:23	
2,4,6-TRIBROMOPHENOL (SURR)		53.8	%		TLL	12/20/2005 / 19:23	
TERPHENYL-D14 (SURR)		46.1	%		TLL	12/20/2005 / 19:23	
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/Kg	2.1	NAC	12/20/2005 / 8:57	
beta-BHC	EPA 8081A	ND	ug/Kg	2.1	NAC	12/20/2005 / 8:57	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	2.1	NAC	12/20/2005 / 8:57	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 30 of 39



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00204

Sample: 005 LPB-7 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
delta-BHC	EPA 8081A	ND	ug/Kg	2.1	NAC	12/20/2005 / 8:57	
Heptachlor	EPA 8081A	ND	ug/Kg	2.1	NAC	12/20/2005 / 8:57	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	2.1	NAC	12/20/2005 / 8:57	
Aldrin	EPA 8081A	ND	ug/Kg	2.1	NAC	12/20/2005 / 8:57	
Dieldrin	EPA 8081A	ND	ug/Kg	2.1	NAC	12/20/2005 / 8:57	
Endrin	EPA 8081A	ND	ug/Kg	2.1	NAC	12/20/2005 / 8:57	
4,4'-DDD	EPA 8081A	ND	ug/Kg	2.1	NAC	12/20/2005 / 8:57	
4,4'-DDE	EPA 8081A	ND	ug/Kg	2.1	NAC	12/20/2005 / 8:57	
4,4'-DDT	EPA 8081A	ND	ug/Kg	2.1	NAC	12/20/2005 / 8:57	
Endosulfan I	EPA 8081A	ND	ug/Kg	2.1	NAC	12/20/2005 / 8:57	
Endosulfan II	EPA 8081A	ND	ug/Kg	2.1	NAC	12/20/2005 / 8:57	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	2.1	NAC	12/20/2005 / 8:57	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	2.1	NAC	12/20/2005 / 8:57	
Methoxychlor	EPA 8081A	ND	ug/Kg	2.1	NAC	12/20/2005 / 8:57	
Endrin Ketone	EPA 8081A	ND	ug/Kg	2.1	NAC	12/20/2005 / 8:57	
Chlordane	EPA 8081A	ND	ug/Kg	43	NAC	12/20/2005 / 8:57	
Toxaphene	EPA 8081A	ND	ug/Kg	43	NAC	12/20/2005 / 8:57	
TCMX (SURROGATE)		70.1	%		NAC	12/20/2005 / 8:57	
DCB (SURROGATE)		65.8	%		NAC	12/20/2005 / 8:57	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	43	NAC	12/20/2005 / 2:02	
PCB-1221	EPA 8082	ND	ug/Kg	43	NAC	12/20/2005 / 2:02	
PCB-1232	EPA 8082	ND	ug/Kg	43	NAC	12/20/2005 / 2:02	
PCB-1242	EPA 8082	ND	ug/Kg	43	NAC	12/20/2005 / 2:02	
PCB-1248	EPA 8082	ND	ug/Kg	43	NAC	12/20/2005 / 2:02	
PCB-1254	EPA 8082	ND	ug/Kg	43	NAC	12/20/2005 / 2:02	
PCB-1260	EPA 8082	ND	ug/Kg	43	NAC	12/20/2005 / 2:02	
PCB-1262	EPA 8082	ND	ug/Kg	43	NAC	12/20/2005 / 2:02	
PCB-1268	EPA 8082	ND	ug/Kg	43	NAC	12/20/2005 / 2:02	
TCMX (SURROGATE)		63.1	%		NAC	12/20/2005 / 2:02	
DCB (SURROGATE)		55.3	%		NAC	12/20/2005 / 2:02	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.41	JS	12/15/2005 / 1:00	
Aluminum	6010B, SW-846	2420	mg/Kg	24.1	JS	12/15/2005 / 1:00	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00204

Sample: 005 LPB-7 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Arsenic	6010B, SW-846	29.3	mg/Kg	1.21	JS	12/15/2005 / 1:00	
Barium	6010B, SW-846	90.9	mg/Kg	3.6	JS	12/15/2005 / 1:00	
Beryllium	6010B, SW-846	ND	mg/Kg	0.362	JS	12/15/2005 / 1:00	
Cadmium	6010B, SW-846	ND	mg/Kg	0.362	JS	12/15/2005 / 1:00	
Chromium	6010B, SW-846	12.2	mg/Kg	1.21	JS	12/15/2005 / 1:00	
Calcium	6010B, SW-846	8890	mg/Kg	181	JS	12/15/2005 / 1:00	
Iron	6010B, SW-846	16300	mg/Kg	12.1	JS	12/15/2005 / 1:00	
Cobalt	6010B, SW-846	7.41	mg/Kg	6.03	JS	12/15/2005 / 1:00	
Copper	6010B, SW-846	93.9	mg/Kg	6.03	JS	12/15/2005 / 1:00	
Lead	6010B, SW-846	119	mg/Kg	3.62	JS	12/23/2005 / 1:00	
Magnesium	6010B, SW-846	792	mg/Kg	145	JS	12/15/2005 / 1:00	
Manganese	6010B, SW-846	224	mg/Kg	1.81	JS	12/15/2005 / 1:00	
Mercury	SW-846; 7471	0.263	mg/Kg	0.0388	JRH	12/20/2005 / 23:16	
Nickel	6010B, SW-846	14.1	mg/Kg	4.82	JS	12/15/2005 / 1:00	
Vanadium	6010B, SW-846	21.7	mg/Kg	6.03	JS	12/15/2005 / 1:00	
Selenium	6010B, SW-846	ND	mg/Kg	2.41	JS	12/15/2005 / 1:00	
Potassium	6010B, SW-846	360	mg/Kg	181	JS	12/15/2005 / 1:00	
Silver	6010B, SW-846	ND	mg/Kg	0.60	JS	12/15/2005 / 1:00	
Sodium	6010B, SW-846	732	mg/Kg	181	JS	12/15/2005 / 1:00	
Thallium	6010B, SW-846	ND	mg/Kg	2.41	JS	12/15/2005 / 1:00	
Zinc	6010B, SW-846	134	mg/Kg	6.03	JS	12/23/2005 / 1:00	
Percent Solids		76.8	%		TLL	12/15/2005 / 7:28	
PCB OIL/SOIL EXTRACTIONS		30.54			NS	12/17/2005 / 7:39	
Flame/ICP Solid Digestion	EPA 3050B	92.5926			AM	12/15/2005 / 7:33	

Sample: 006 LPB-7 7-9

Collection Date: 12/13/2005 Time: 1:55:00PM
Matrix: SOIL

Received Date: 12/14/2005 Time: 10:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
Chloromethane	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 32 of 39

Sample: 006 LPB-7 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Bromomethane	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
Chloroethane	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
Acrolein	EPA 8260B	ND	ug/Kg	64	NAC	12/20/2005 / 16:24	
Acetone	EPA 8260B	60	ug/Kg	64	NAC	12/20/2005 / 16:24	JB
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
Iodomethane	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	64	NAC	12/20/2005 / 16:24	
Methylene Chloride	EPA 8260B	25	ug/Kg	51	NAC	12/20/2005 / 16:24	JB
Acrylonitrile	EPA 8260B	ND	ug/Kg	64	NAC	12/20/2005 / 16:24	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	64	NAC	12/20/2005 / 16:24	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	64	NAC	12/20/2005 / 16:24	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
Chloroform	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
Bromochloromethane	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
Benzene	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
Trichloroethylene	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	64	NAC	12/20/2005 / 16:24	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	64	NAC	12/20/2005 / 16:24	
Toluene	EPA 8260B	4	ug/Kg	13	NAC	12/20/2005 / 16:24	J
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00204

Sample: 006 LPB-7 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2-Hexanone	EPA 8260B	ND	ug/Kg	64	NAC	12/20/2005 / 16:24	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
Chlorobenzene	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
Ethylbenzene	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
M & P XYLENE	EPA 8260B	ND	ug/Kg	25	NAC	12/20/2005 / 16:24	
O-XYLENE	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
Styrene	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
Bromoform	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
Bromobenzene	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
Naphthalene	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	13	NAC	12/20/2005 / 16:24	
DIBROMOFLUOROMETHANE (SURR)		98.1	%		NAC	12/20/2005 / 16:24	
TOLUENE-D8 (SURROGATE)		96.4	%		NAC	12/20/2005 / 16:24	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00204

Sample: 006 LPB-7 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
4-BROMOFLUOROBENZENE (SURR)		95.6	%		NAC	12/20/2005 / 18:24	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
Phenol	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
Hexachloroethane	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	500	TLL	12/20/2005 / 18:43	
Nitrobenzene	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
Isophorone	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
bis (2-Chloroethoxy)	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
Naphthalene	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
Acenaphthylene	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 35 of 39

Sample: 006 LPB-7 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Acenaphthene	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
Dibenzofuran	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
Fluorene	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
Phenanthrene	EPA 8270C	51	ug/Kg	250	TLL	12/20/2005 / 18:43	J
Anthracene	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
Carbazole	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
Fluoranthene	EPA 8270C	59	ug/Kg	250	TLL	12/20/2005 / 18:43	J
Benzidine	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
Pyrene	EPA 8270C	64	ug/Kg	250	TLL	12/20/2005 / 18:43	J
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
Chrysene	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
bis(2-Ethylhexyl)phthalate	EPA 8270C	420	ug/Kg	250	TLL	12/20/2005 / 18:43	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
Benzo(a)pyrene	EPA 8270C	57	ug/Kg	250	TLL	12/20/2005 / 18:43	J
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	250	TLL	12/20/2005 / 18:43	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00204

Sample: 006 LPB-7 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2-FLUOROPHENOL (SURR)		36.5	%		TLL	12/20/2005 / 18:43	
PHENOL-D5 (SURR)		41.7	%		TLL	12/20/2005 / 18:43	
NITROBENZENE-D5 (SURR)		36.8	%		TLL	12/20/2005 / 18:43	
2-FLUOROBIPHENYL (SURR)		31.3	%		TLL	12/20/2005 / 18:43	
2,4,6-TRIBROMOPHENOL (SURR)		39.7	%		TLL	12/20/2005 / 18:43	
TERPHENYL-D14 (SURR)		43.1	%		TLL	12/20/2005 / 18:43	
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/Kg	2.5	NAC	12/20/2005 / 8:57	
beta-BHC	EPA 8081A	ND	ug/Kg	2.5	NAC	12/20/2005 / 8:57	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	2.5	NAC	12/20/2005 / 8:57	
delta-BHC	EPA 8081A	ND	ug/Kg	2.5	NAC	12/20/2005 / 8:57	
Heptachlor	EPA 8081A	ND	ug/Kg	2.5	NAC	12/20/2005 / 8:57	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	2.5	NAC	12/20/2005 / 8:57	
Aldrin	EPA 8081A	ND	ug/Kg	2.5	NAC	12/20/2005 / 8:57	
Dieldrin	EPA 8081A	ND	ug/Kg	2.5	NAC	12/20/2005 / 8:57	
Endrin	EPA 8081A	ND	ug/Kg	2.5	NAC	12/20/2005 / 8:57	
4,4'-DDD	EPA 8081A	ND	ug/Kg	2.5	NAC	12/20/2005 / 8:57	
4,4'-DDE	EPA 8081A	ND	ug/Kg	2.5	NAC	12/20/2005 / 8:57	
4,4'-DDT	EPA 8081A	ND	ug/Kg	2.5	NAC	12/20/2005 / 8:57	
Endosulfan I	EPA 8081A	ND	ug/Kg	2.5	NAC	12/20/2005 / 8:57	
Endosulfan II	EPA 8081A	ND	ug/Kg	2.5	NAC	12/20/2005 / 8:57	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	2.5	NAC	12/20/2005 / 8:57	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	2.5	NAC	12/20/2005 / 8:57	
Methoxychlor	EPA 8081A	ND	ug/Kg	2.5	NAC	12/20/2005 / 8:57	
Endrin Ketone	EPA 8081A	ND	ug/Kg	2.5	NAC	12/20/2005 / 8:57	
Chlordane	EPA 8081A	ND	ug/Kg	50	NAC	12/20/2005 / 8:57	
Toxaphene	EPA 8081A	ND	ug/Kg	50	NAC	12/20/2005 / 8:57	
TCMX (SURROGATE)		49.9	%		NAC	12/20/2005 / 8:57	
DCB (SURROGATE)		66.3	%		NAC	12/20/2005 / 8:57	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	50	NAC	12/20/2005 / 2:22	
PCB-1221	EPA 8082	ND	ug/Kg	50	NAC	12/20/2005 / 2:22	
PCB-1232	EPA 8082	ND	ug/Kg	50	NAC	12/20/2005 / 2:22	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 37 of 39



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00204

Sample: 006 LPB-7 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-1242	EPA 8082	ND	ug/Kg	50	NAC	12/20/2005 / 2:22	
PCB-1248	EPA 8082	ND	ug/Kg	50	NAC	12/20/2005 / 2:22	
PCB-1254	EPA 8082	ND	ug/Kg	50	NAC	12/20/2005 / 2:22	
PCB-1260	EPA 8082	ND	ug/Kg	50	NAC	12/20/2005 / 2:22	
PCB-1262	EPA 8082	ND	ug/Kg	50	NAC	12/20/2005 / 2:22	
PCB-1268	EPA 8082	ND	ug/Kg	50	NAC	12/20/2005 / 2:22	
TCMX (SURROGATE)		48.4	%		NAC	12/20/2005 / 2:22	
DCB (SURROGATE)		45.1	%		NAC	12/20/2005 / 2:22	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.93	JS	12/15/2005 / 1:00	
Aluminum	6010B, SW-846	1080	mg/Kg	29.3	JS	12/15/2005 / 1:00	
Arsenic	6010B, SW-846	49.2	mg/Kg	1.47	JS	12/15/2005 / 1:00	
Barium	6010B, SW-846	45.8	mg/Kg	4.4	JS	12/15/2005 / 1:00	
Beryllium	6010B, SW-846	ND	mg/Kg	0.440	JS	12/15/2005 / 1:00	
Cadmium	6010B, SW-846	ND	mg/Kg	0.440	JS	12/15/2005 / 1:00	
Chromium	6010B, SW-846	11.5	mg/Kg	1.47	JS	12/15/2005 / 1:00	
Calcium	6010B, SW-846	2670	mg/Kg	220	JS	12/15/2005 / 1:00	
Iron	6010B, SW-846	11400	mg/Kg	14.7	JS	12/15/2005 / 1:00	
Cobalt	6010B, SW-846	7.58	mg/Kg	7.33	JS	12/15/2005 / 1:00	
Copper	6010B, SW-846	37.2	mg/Kg	7.33	JS	12/15/2005 / 1:00	
Lead	6010B, SW-846	61.8	mg/Kg	4.40	JS	12/23/2005 / 1:00	
Magnesium	6010B, SW-846	623	mg/Kg	176	JS	12/15/2005 / 1:00	
Manganese	6010B, SW-846	324	mg/Kg	2.20	JS	12/15/2005 / 1:00	
Mercury	SW-846; 7471	0.122	mg/Kg	0.0386	JRH	12/20/2005 / 23:16	
Nickel	6010B, SW-846	8.77	mg/Kg	5.87	JS	12/15/2005 / 1:00	
Vanadium	6010B, SW-846	10.3	mg/Kg	7.33	JS	12/15/2005 / 1:00	
Selenium	6010B, SW-846	ND	mg/Kg	2.93	JS	12/15/2005 / 1:00	
Potassium	6010B, SW-846	222	mg/Kg	220	JS	12/15/2005 / 1:00	
Silver	6010B, SW-846	ND	mg/Kg	0.73	JS	12/15/2005 / 1:00	
Sodium	6010B, SW-846	1450	mg/Kg	220	JS	12/15/2005 / 1:00	
Thallium	6010B, SW-846	ND	mg/Kg	2.93	JS	12/15/2005 / 1:00	
Zinc	6010B, SW-846	62.5	mg/Kg	7.33	JS	12/23/2005 / 1:00	
Percent Solids		66.2	%		TLL	12/15/2005 / 7:28	
PCB OIL/SOIL EXTRACTIONS		30.11			NS	12/17/2005 / 7:39	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 38 of 39



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00204

Sample: 006 LPB-7 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Flame/ICP Solid Digestion	EPA 3050B	97.0874			AM	12/15/2005 / 7:33	

GX Due to sample matrix effects, the surrogate recovery was outside acceptance limits.

MHA Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).

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

Authorized By:


Robert Bell, Environmental Laboratory Manager

Date: 12-27-05

NOTE: All solid results are reported on a dry weight basis unless otherwise noted.

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744
ND = Not Detected PQL= Practical Quantitation Limit

Page: 39 of 39

Sample Receiving Form

CLIENT: METCALF + EDDY	WORKORDER: 0512-204
CLIENTS JOB: DDC - Levine Property	RECEIVED BY: MP
RECEIVED DATE: 12/14/05	SHIPPING METHOD: FEDEX
TEMP UPON RECEIPT: 4.4°C	

"No" responses must be explained in the comment section below.

Checklist	YES	NO	NA
Were custody seals on shipping container(s) intact? Check "NA" if no seals, or if containers were hand delivered.			X
Were Chain of Custody Forms included with the samples?	X		
Were Chain of Custody Forms properly filled out (ink, signed, etc.)	X		
Were all containers received in good condition (Check for breakage/leaks)?	X		
Were all containers labeled with required information (Sample Id, date, signed, analysis, preservation)?	X		
Were the correct containers used for the tests indicated?	X		
Were proper preservation techniques indicated?	X		
Were samples received within holding times? If "NO" nonconformance form is required.	X		
Were all VOA bottles checked for the presence of air bubbles? If bubbles were found please note in the comment section.			X
Were samples in direct contact with wet ice? If "NO" check one: <input type="checkbox"/> Blue Ice <input type="checkbox"/> No Ice	X		
Is sample temperature recorded? If "NO" check one: <input type="checkbox"/> Unable to record <input type="checkbox"/> Temp taken near samples	X		
Were pHs of samples checked and recorded on the COC forms?			X
Did the laboratory accept samples?	X		
Will samples be subcontracted? If "yes" list subcontractor and tests in specified sections below.		X	
Subcontractor:		Date Sent Out:	
Analyses Sent:			

Login Technician: (MD)	Login Review:
Comments:	
FULL SVOC LIST + ASP CAT B LIKE DATA	
PACKAGE PER NELSON ABIGAIL S.	



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

Laboratory Report

Report Date 12/29/2005
Workorder No. 0512-00226

Customer: Metcalf & Eddy Associates
1140 Route 22 East
Suite 101
Bridgewater, NJ 08807

Attention: Mr. Nelson Abrams

Subject: DDC-LEVINE PROPERTY: SOIL

Sample: 001 LPB-12 5-7

Collection Date: 12/14/2005 Time: 11:50:00AM

Matrix: SOIL

Received Date: 12/16/2005 Time: 10:05:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							1
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
Chloromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
Bromomethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
Chloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
Acrolein	EPA 8260B	ND	ug/Kg	52	MVP	12/22/2005 / 11:52	
Acetone	EPA 8260B	826	ug/Kg	52	MVP	12/22/2005 / 11:52	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
Iodomethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	52	MVP	12/22/2005 / 11:52	
Methylene Chloride	EPA 8260B	93.6	ug/Kg	41	MVP	12/22/2005 / 11:52	
Acrylonitrile	EPA 8260B	ND	ug/Kg	52	MVP	12/22/2005 / 11:52	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	52	MVP	12/22/2005 / 11:52	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	52	MVP	12/22/2005 / 11:52	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
Chloroform	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
Bromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 1 of 58



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 001 LPB-12 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
Benzene	EPA 8260B	18.2	ug/Kg	10	MVP	12/22/2005 / 11:52	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
Trichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	52	MVP	12/22/2005 / 11:52	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	52	MVP	12/22/2005 / 11:52	
Toluene	EPA 8260B	72.0	ug/Kg	10	MVP	12/22/2005 / 11:52	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
2-Hexanone	EPA 8260B	ND	ug/Kg	52	MVP	12/22/2005 / 11:52	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
Chlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
Ethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
M & P XYLENE	EPA 8260B	ND	ug/Kg	21	MVP	12/22/2005 / 11:52	
O-XYLENE	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
Styrene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
Bromoform	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
Bromobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 001 LPB-12 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
Naphthalene	EPA 8260B	14.0	ug/Kg	10	MVP	12/22/2005 / 11:52	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 11:52	
DIBROMOFLUOROMETHANE (SURR)		222	%		MVP	12/22/2005 / 11:52	GX
TOLUENE-D8 (SURROGATE)		94.7	%		MVP	12/22/2005 / 11:52	
4-BROMOFLUOROBENZENE (SURR)		64.2	%		MVP	12/22/2005 / 11:52	GX
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
N-Nitrosodimethylamine	EPA-8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
Phenol	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
Hexachloroethane	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	380	TLL	12/27/2005 / 17:37	
Nitrobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
Isophorone	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
bis (2-Chloroethoxy)	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 3 of 58



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 001 LPB-12 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Naphthalene	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
Acenaphthylene	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
Acenaphthene	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
Dibenzofuran	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
Fluorene	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
Phenanthrene	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
Anthracene	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
Carbazole	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
Fluoranthene	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
Benzidine	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 4 of 58



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 001 LPB-12 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Pyrene	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
Chrysene	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 17:37	
2-FLUOROPHENOL (SURR)		55.9	%		TLL	12/27/2005 / 17:37	
PHENOL-D5 (SURR)		69.1	%		TLL	12/27/2005 / 17:37	
NITROBENZENE-D5 (SURR)		66.1	%		TLL	12/27/2005 / 17:37	
2-FLUOROBIPHENYL (SURR)		62.9	%		TLL	12/27/2005 / 17:37	
2,4,6-TRIBROMOPHENOL (SURR)		83.0	%		TLL	12/27/2005 / 17:37	
TERPHENYL-D14 (SURR)		60.4	%		TLL	12/27/2005 / 17:37	
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/Kg	1.85	MVP	12/23/2005 / 13:09	
beta-BHC	EPA 8081A	ND	ug/Kg	1.85	MVP	12/23/2005 / 13:09	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	1.85	MVP	12/23/2005 / 13:09	
delta-BHC	EPA 8081A	ND	ug/Kg	1.85	MVP	12/23/2005 / 13:09	
Heptachlor	EPA 8081A	ND	ug/Kg	1.85	MVP	12/23/2005 / 13:09	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	1.85	MVP	12/23/2005 / 13:09	
Aldrin	EPA 8081A	ND	ug/Kg	1.85	MVP	12/23/2005 / 13:09	
Dieldrin	EPA 8081A	ND	ug/Kg	1.85	MVP	12/23/2005 / 13:09	
Endrin	EPA 8081A	ND	ug/Kg	1.85	MVP	12/23/2005 / 13:09	
4,4'-DDD	EPA 8081A	ND	ug/Kg	1.85	MVP	12/23/2005 / 13:09	
4,4'-DDE	EPA 8081A	ND	ug/Kg	1.85	MVP	12/23/2005 / 13:09	
4,4'-DDT	EPA 8081A	ND	ug/Kg	1.85	MVP	12/23/2005 / 13:09	
Endosulfan I	EPA 8081A	ND	ug/Kg	1.85	MVP	12/23/2005 / 13:09	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 5 of 58



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 001 LPB-12 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Endosulfan II	EPA 8081A	ND	ug/Kg	1.85	MVP	12/23/2005 / 13:09	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	1.85	MVP	12/23/2005 / 13:09	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	1.85	MVP	12/23/2005 / 13:09	
Methoxychlor	EPA 8081A	ND	ug/Kg	1.85	MVP	12/23/2005 / 13:09	
Endrin Ketone	EPA 8081A	ND	ug/Kg	1.85	MVP	12/23/2005 / 13:09	
Chlordane	EPA 8081A	ND	ug/Kg	37.0	MVP	12/23/2005 / 13:09	
Toxaphene	EPA 8081A	ND	ug/Kg	37.0	MVP	12/23/2005 / 13:09	
TCMX (SURROGATE)		67.2	%		MVP	12/23/2005 / 13:09	
DCB (SURROGATE)		80.5	%		MVP	12/23/2005 / 13:09	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	37	NAC	12/22/2005 / 21:28	
PCB-1221	EPA 8082	ND	ug/Kg	37	NAC	12/22/2005 / 21:28	
PCB-1232	EPA 8082	ND	ug/Kg	37	NAC	12/22/2005 / 21:28	
PCB-1242	EPA 8082	ND	ug/Kg	37	NAC	12/22/2005 / 21:28	
PCB-1248	EPA 8082	ND	ug/Kg	37	NAC	12/22/2005 / 21:28	
PCB-1254	EPA 8082	ND	ug/Kg	37	NAC	12/22/2005 / 21:28	
PCB-1260	EPA 8082	ND	ug/Kg	37	NAC	12/22/2005 / 21:28	
PCB-1262	EPA 8082	ND	ug/Kg	37	NAC	12/22/2005 / 21:28	
PCB-1268	EPA 8082	ND	ug/Kg	37	NAC	12/22/2005 / 21:28	
TCMX (SURROGATE)		55.5	%		NAC	12/22/2005 / 21:28	
DCB (SURROGATE)		58.9	%		NAC	12/22/2005 / 21:28	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.11	JS	12/28/2005 / 19:24	
Aluminum	6010B, SW-846	1590	mg/Kg	21.1	JS	12/28/2005 / 19:24	
Arsenic	6010B, SW-846	10.7	mg/Kg	1.06	JS	12/28/2005 / 19:24	
Barium	6010B, SW-846	38.0	mg/Kg	3.2	JS	12/28/2005 / 19:24	
Beryllium	6010B, SW-846	ND	mg/Kg	0.317	JS	12/28/2005 / 19:24	
Cadmium	6010B, SW-846	ND	mg/Kg	0.317	JS	12/28/2005 / 19:24	
Chromium	6010B, SW-846	8.78	mg/Kg	1.06	JS	12/28/2005 / 19:24	
Calcium	6010B, SW-846	2920	mg/Kg	158	JS	12/28/2005 / 19:24	
Iron	6010B, SW-846	23700	mg/Kg	10.6	JS	12/28/2005 / 19:24	
Cobalt	6010B, SW-846	ND	mg/Kg	5.28	JS	12/28/2005 / 19:24	
Copper	6010B, SW-846	42.3	mg/Kg	5.28	JS	12/28/2005 / 19:24	
Lead	6010B, SW-846	50.6	mg/Kg	3.17	JS	12/28/2005 / 19:24	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 6 of 58



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 001 LPB-12 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Magnesium	6010B, SW-846	1040	mg/Kg	127	JS	12/28/2005 / 19:24	
Manganese	6010B, SW-846	210	mg/Kg	1.58	JS	12/28/2005 / 19:24	
Mercury	SW-846; 7471	0.170	mg/Kg	0.0376	JRH	12/23/2005 / 20:15	
Nickel	6010B, SW-846	9.69	mg/Kg	4.22	JS	12/28/2005 / 19:24	
Vanadium	6010B, SW-846	13.5	mg/Kg	5.28	JS	12/28/2005 / 1:00	
Selenium	6010B, SW-846	ND	mg/Kg	2.11	JS	12/28/2005 / 1:00	
Potassium	6010B, SW-846	268	mg/Kg	158	JS	12/28/2005 / 1:00	
Silver	6010B, SW-846	ND	mg/Kg	0.53	JS	12/28/2005 / 1:00	
Sodium	6010B, SW-846	ND	mg/Kg	158	JS	12/28/2005 / 1:00	
Thallium	6010B, SW-846	ND	mg/Kg	2.11	JS	12/28/2005 / 1:00	
Zinc	6010B, SW-846	19.2	mg/Kg	5.28	JS	12/28/2005 / 1:00	
Percent Solids		87.7	%		AM	12/17/2005 / 7:29	
PCB OIL/SOIL EXTRACTIONS		30.85			MEW	12/22/2005 / 12:07	
Flame/ICP Solid Digestion	EPA 3050B	92.5926			AM	12/19/2005 / 15:04	

Sample: 002 LPB-12 7-9
Collection Date: 12/14/2005 Time: 1:10:00PM
Matrix: SOIL

Received Date: 12/16/2005 Time: 10:05:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							1
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
Chloromethane	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
Bromomethane	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
Chloroethane	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
Acrolein	EPA 8260B	ND	ug/Kg	58	MVP	12/22/2005 / 12:24	
Acetone	EPA 8260B	58.6	ug/Kg	58	MVP	12/22/2005 / 12:24	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
Iodomethane	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	58	MVP	12/22/2005 / 12:24	
Methylene Chloride	EPA 8260B	ND	ug/Kg	46	MVP	12/22/2005 / 12:24	
Acrylonitrile	EPA 8260B	ND	ug/Kg	58	MVP	12/22/2005 / 12:24	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744
ND = Not Detected PQL= Practical Quantitation Limit

Page: 7 of 58



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 002 LPB-12 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	58	MVP	12/22/2005 / 12:24	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	58	MVP	12/22/2005 / 12:24	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
Chloroform	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
Bromochloromethane	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
Benzene	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
Trichloroethylene	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	58	MVP	12/22/2005 / 12:24	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	58	MVP	12/22/2005 / 12:24	
Toluene	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
2-Hexanone	EPA 8260B	ND	ug/Kg	58	MVP	12/22/2005 / 12:24	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
Chlorobenzene	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
Ethylbenzene	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
M & P XYLENE	EPA 8260B	ND	ug/Kg	23	MVP	12/22/2005 / 12:24	
O-XYLENE	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
Styrene	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 8 of 58



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 002 LPB-12 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Bromoform	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
Bromobenzene	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
Naphthalene	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	12	MVP	12/22/2005 / 12:24	
DIBROMOFLUOROMETHANE (SURR)		115	%		MVP	12/22/2005 / 12:24	
TOLUENE-DB (SURROGATE)		94.2	%		MVP	12/22/2005 / 12:24	
4-BROMOFLUOROBENZENE (SURR)		39.3	%		MVP	12/22/2005 / 12:24	GX
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
Phenol	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
2,2'-oxybis(1-Chloropropane)	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 002 LPB-12 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
Hexachloroethane	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
N-Nitroso-dl-n-propylamine	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	420	TLL	12/27/2005 / 18:17	
Nitrobenzene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
Isophorone	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
bis (2-Chloroethoxy)	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
Naphthalene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
Acenaphthylene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
Acenaphthene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
Dibenzofuran	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
Fluorene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	

Certifications:

MA: MA069

NY:10882

CT: PH0119

RI:A45

NJ: 58744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 10 of 58



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 002 LPB-12 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
Phenanthrene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
Anthracene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
Carbazole	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
Fluoranthene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
Benzidine	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
Pyrene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
Chrysene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
Di-n-octyl-phthalate	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:17	
2-FLUOROPHENOL (SURR)		65.7	%		TLL	12/27/2005 / 18:17	
PHENOL-D5 (SURR)		78.9	%		TLL	12/27/2005 / 18:17	
NITROBENZENE-D5 (SURR)		78.2	%		TLL	12/27/2005 / 18:17	
2-FLUOROBIPHENYL (SURR)		73.2	%		TLL	12/27/2005 / 18:17	
2,4,6-TRIBROMOPHENOL (SURR)		95.5	%		TLL	12/27/2005 / 18:17	
TERPHENYL-D14 (SURR)		74.0	%		TLL	12/27/2005 / 18:17	
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/Kg	2.09	MVP	12/23/2005 / 13:09	
beta-BHC	EPA 8081A	ND	ug/Kg	2.09	MVP	12/23/2005 / 13:09	

Certifications:

MA: MA069

NJ:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 002 LPB-12 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	2.09	MVP	12/23/2005 / 13:09	
delta-BHC	EPA 8081A	ND	ug/Kg	2.09	MVP	12/23/2005 / 13:09	
Heptachlor	EPA 8081A	ND	ug/Kg	2.09	MVP	12/23/2005 / 13:09	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	2.09	MVP	12/23/2005 / 13:09	
Aldrin	EPA 8081A	ND	ug/Kg	2.09	MVP	12/23/2005 / 13:09	
Dieldrin	EPA 8081A	ND	ug/Kg	2.09	MVP	12/23/2005 / 13:09	
Endrin	EPA 8081A	ND	ug/Kg	2.09	MVP	12/23/2005 / 13:09	
4,4'-DDD	EPA 8081A	ND	ug/Kg	2.09	MVP	12/23/2005 / 13:09	
4,4'-DDE	EPA 8081A	ND	ug/Kg	2.09	MVP	12/23/2005 / 13:09	
4,4'-DDT	EPA 8081A	ND	ug/Kg	2.09	MVP	12/23/2005 / 13:09	
Endosulfan I	EPA 8081A	ND	ug/Kg	2.09	MVP	12/23/2005 / 13:09	
Endosulfan II	EPA 8081A	ND	ug/Kg	2.09	MVP	12/23/2005 / 13:09	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	2.09	MVP	12/23/2005 / 13:09	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	2.09	MVP	12/23/2005 / 13:09	
Methoxychlor	EPA 8081A	ND	ug/Kg	2.09	MVP	12/23/2005 / 13:09	
Endrin Ketone	EPA 8081A	ND	ug/Kg	2.09	MVP	12/23/2005 / 13:09	
Chlordane	EPA 8081A	ND	ug/Kg	41.9	MVP	12/23/2005 / 13:09	
Toxaphene	EPA 8081A	ND	ug/Kg	41.9	MVP	12/23/2005 / 13:09	
TCMX (SURROGATE)		59.4	%		MVP	12/23/2005 / 13:09	
DCB (SURROGATE)		56.9	%		MVP	12/23/2005 / 13:09	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	42	NAC	12/22/2005 / 21:48	
PCB-1221	EPA 8082	ND	ug/Kg	42	NAC	12/22/2005 / 21:48	
PCB-1232	EPA 8082	ND	ug/Kg	42	NAC	12/22/2005 / 21:48	
PCB-1242	EPA 8082	ND	ug/Kg	42	NAC	12/22/2005 / 21:48	
PCB-1248	EPA 8082	ND	ug/Kg	42	NAC	12/22/2005 / 21:48	
PCB-1254	EPA 8082	ND	ug/Kg	42	NAC	12/22/2005 / 21:48	
PCB-1260	EPA 8082	ND	ug/Kg	42	NAC	12/22/2005 / 21:48	
PCB-1262	EPA 8082	ND	ug/Kg	42	NAC	12/22/2005 / 21:48	
PCB-1268	EPA 8082	ND	ug/Kg	42	NAC	12/22/2005 / 21:48	
TCMX (SURROGATE)		46.0	%		NAC	12/22/2005 / 21:48	
DCB (SURROGATE)		61.5	%		NAC	12/22/2005 / 21:48	
Target Analyte List Metals							
Antimony	6010B, SW-846	9.69	mg/Kg	2.54	JS	12/28/2005 / 1:00	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 002 LPB-12 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Aluminum	6010B, SW-846	6150	mg/Kg	25.4	JS	12/28/2005 / 1:00	
Arsenic	6010B, SW-846	7.60	mg/Kg	1.27	JS	12/28/2005 / 1:00	
Barium	6010B, SW-846	108	mg/Kg	3.8	JS	12/28/2005 / 1:00	
Beryllium	6010B, SW-846	ND	mg/Kg	0.380	JS	12/28/2005 / 1:00	
Cadmium	6010B, SW-846	ND	mg/Kg	0.380	JS	12/28/2005 / 1:00	
Chromium	6010B, SW-846	7.80	mg/Kg	1.27	JS	12/28/2005 / 1:00	
Calcium	6010B, SW-846	5200	mg/Kg	190	JS	12/28/2005 / 1:00	
Iron	6010B, SW-846	28400	mg/Kg	12.7	JS	12/28/2005 / 1:00	
Cobalt	6010B, SW-846	8.14	mg/Kg	6.34	JS	12/28/2005 / 1:00	
Copper	6010B, SW-846	111	mg/Kg	6.34	JS	12/28/2005 / 1:00	
Lead	6010B, SW-846	19.3	mg/Kg	3.80	JS	12/28/2005 / 1:00	
Magnesium	6010B, SW-846	816	mg/Kg	152	JS	12/28/2005 / 1:00	
Manganese	6010B, SW-846	294	mg/Kg	1.90	JS	12/28/2005 / 1:00	
Mercury	SW-846; 7471	1.02	mg/Kg	0.0416	JRH	12/23/2005 / 20:15	
Nickel	6010B, SW-846	15.8	mg/Kg	5.07	JS	12/28/2005 / 1:00	
Vanadium	6010B, SW-846	18.1	mg/Kg	6.34	JS	12/28/2005 / 1:00	
Selenium	6010B, SW-846	ND	mg/Kg	2.54	JS	12/28/2005 / 1:00	
Potassium	6010B, SW-846	557	mg/Kg	190	JS	12/28/2005 / 1:00	
Silver	6010B, SW-846	ND	mg/Kg	0.63	JS	12/28/2005 / 1:00	
Sodium	6010B, SW-846	ND	mg/Kg	190	JS	12/28/2005 / 1:00	
Thallium	6010B, SW-846	ND	mg/Kg	2.54	JS	12/28/2005 / 1:00	
Zinc	6010B, SW-846	111	mg/Kg	6.34	JS	12/28/2005 / 1:00	
Percent Solids		77.3	%		AM	12/17/2005 / 7:29	
PCB OIL/SOIL EXTRACTIONS		30.88			MEW	12/22/2005 / 12:07	
Flame/ICP Solid Digestion	EPA 3050B	98.0392			AM	12/19/2005 / 15:04	

Sample: 003 LPB-13 5-7
Collection Date: 12/14/2005 Time: 11:25:00AM
Matrix: SOIL

Received Date: 12/16/2005 Time: 10:05:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744
ND = Not Detected PQL= Practical Quantitation Limit

Page: 13 of 58



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 003 LPB-13 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Chloromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
Bromomethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
Chloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
Acrolein	EPA 8260B	ND	ug/Kg	50	MVP	12/22/2005 / 12:57	
Acetone	EPA 8260B	80.0	ug/Kg	50	MVP	12/22/2005 / 12:57	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
Iodomethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	50	MVP	12/22/2005 / 12:57	
Methylene Chloride	EPA 8260B	ND	ug/Kg	40	MVP	12/22/2005 / 12:57	
Acrylonitrile	EPA 8260B	ND	ug/Kg	50	MVP	12/22/2005 / 12:57	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	50	MVP	12/22/2005 / 12:57	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	50	MVP	12/22/2005 / 12:57	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
Chloroform	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
Bromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
Benzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
Trichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	50	MVP	12/22/2005 / 12:57	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	50	MVP	12/22/2005 / 12:57	
Toluene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	

Certifications:

MA: MAD69

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 14 of 58



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 003 LPB-13 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
2-Hexanone	EPA 8260B	ND	ug/Kg	50	MVP	12/22/2005 / 12:57	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
Chlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
Ethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
M & P XYLENE	EPA 8260B	ND	ug/Kg	20	MVP	12/22/2005 / 12:57	
O-XYLENE	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
Styrene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
Bromoform	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
Bromobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
4-Isopropyltoluene	EPA 8260B	87.5	ug/Kg	10	MVP	12/22/2005 / 12:57	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
Naphthalene	EPA 8260B	15.7	ug/Kg	10	MVP	12/22/2005 / 12:57	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 12:57	
DIBROMOFLUOROMETHANE (SURR)		87.5	%		MVP	12/22/2005 / 12:57	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected

PQL= Practical Quantitation Limit

Page: 15 of 58



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 003 LPB-13 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TOLUENE-D8 (SURROGATE)		101	%		MVP	12/22/2005 / 12:57	
4-BROMOFLUOROBENZENE (SURR)		82.7	%		MVP	12/22/2005 / 12:57	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
Phenol	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
Hexachloroethane	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	4200	TLL	12/29/2005 / 14:13	
Nitrobenzene	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
Isophorone	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
bis (2-Chloroethoxy)	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
Naphthalene	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
Acenaphthylene	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 003 LPB-13 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
Acenaphthene	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
Dibenzofuran	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
Fluorene	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
Phenanthrene	EPA 8270C	5800	ug/Kg	2100	TLL	12/29/2005 / 14:13	
Anthracene	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
Carbazole	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
Fluoranthene	EPA 8270C	6000	ug/Kg	2100	TLL	12/29/2005 / 14:13	
Benzidine	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
Pyrene	EPA 8270C	5500	ug/Kg	2100	TLL	12/29/2005 / 14:13	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
Benzo(a)anthracene	EPA 8270C	2800	ug/Kg	2100	TLL	12/29/2005 / 14:13	
Chrysene	EPA 8270C	2800	ug/Kg	2100	TLL	12/29/2005 / 14:13	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
Benzo(b)fluoranthene	EPA 8270C	2500	ug/Kg	2100	TLL	12/29/2005 / 14:13	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
Benzo(a)pyrene	EPA 8270C	2300	ug/Kg	2100	TLL	12/29/2005 / 14:13	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 17 of 58



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 003 LPB-13 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	2100	TLL	12/29/2005 / 14:13	
2-FLUOROPHENOL (SURR)		58.9	%		TLL	12/29/2005 / 14:13	
PHENOL-D5 (SURR)		49.9	%		TLL	12/29/2005 / 14:13	
NITROBENZENE-D5 (SURR)		36.0	%		TLL	12/29/2005 / 14:13	
2-FLUOROBIPHENYL (SURR)		51.2	%		TLL	12/29/2005 / 14:13	
2,4,6-TRIBROMOPHENOL (SURR)		51.0	%		TLL	12/29/2005 / 14:13	
TERPHENYL-D14 (SURR)		53.2	%		TLL	12/29/2005 / 14:13	
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/Kg	2.05	MVP	12/23/2005 / 13:09	
beta-BHC	EPA 8081A	ND	ug/Kg	2.05	MVP	12/23/2005 / 13:09	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	2.05	MVP	12/23/2005 / 13:09	
delta-BHC	EPA 8081A	ND	ug/Kg	2.05	MVP	12/23/2005 / 13:09	
Heptachlor	EPA 8081A	ND	ug/Kg	2.05	MVP	12/23/2005 / 13:09	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	2.05	MVP	12/23/2005 / 13:09	
Aldrin	EPA 8081A	ND	ug/Kg	2.05	MVP	12/23/2005 / 13:09	
Dieldrin	EPA 8081A	ND	ug/Kg	2.05	MVP	12/23/2005 / 13:09	
Endrin	EPA 8081A	ND	ug/Kg	2.05	MVP	12/23/2005 / 13:09	
4,4'-DDD	EPA 8081A	ND	ug/Kg	2.05	MVP	12/23/2005 / 13:09	
4,4'-DDE	EPA 8081A	ND	ug/Kg	2.05	MVP	12/23/2005 / 13:09	
4,4'-DDT	EPA 8081A	ND	ug/Kg	2.05	MVP	12/23/2005 / 13:09	
Endosulfan I	EPA 8081A	ND	ug/Kg	2.05	MVP	12/23/2005 / 13:09	
Endosulfan II	EPA 8081A	ND	ug/Kg	2.05	MVP	12/23/2005 / 13:09	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	2.05	MVP	12/23/2005 / 13:09	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	2.05	MVP	12/23/2005 / 13:09	
Methoxychlor	EPA 8081A	ND	ug/Kg	2.05	MVP	12/23/2005 / 13:09	
Endrin Ketone	EPA 8081A	ND	ug/Kg	2.05	MVP	12/23/2005 / 13:09	
Chlordane	EPA 8081A	ND	ug/Kg	41.1	MVP	12/23/2005 / 13:09	
Toxaphene	EPA 8081A	ND	ug/Kg	41.1	MVP	12/23/2005 / 13:09	
TCMX (SURROGATE)		77.0	%		MVP	12/23/2005 / 13:09	
DCB (SURROGATE)		82.7	%		MVP	12/23/2005 / 13:09	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	41	NAC	12/22/2005 / 22:09	
PCB-1221	EPA 8082	ND	ug/Kg	41	NAC	12/22/2005 / 22:09	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 18 of 58



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 003 LPB-13 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-1232	EPA 8082	ND	ug/Kg	41	NAC	12/22/2005 / 22:09	
PCB-1242	EPA 8082	ND	ug/Kg	41	NAC	12/22/2005 / 22:09	
PCB-1248	EPA 8082	ND	ug/Kg	41	NAC	12/22/2005 / 22:09	
PCB-1254	EPA 8082	ND	ug/Kg	41	NAC	12/22/2005 / 22:09	
PCB-1260	EPA 8082	ND	ug/Kg	41	NAC	12/22/2005 / 22:09	
PCB-1262	EPA 8082	340	ug/Kg	41	NAC	12/22/2005 / 22:09	
PCB-1268	EPA 8082	ND	ug/Kg	41	NAC	12/22/2005 / 22:09	
TCMX (SURROGATE)		50.5	%		NAC	12/22/2005 / 22:09	
DCB (SURROGATE)		64.8	%		NAC	12/22/2005 / 22:09	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.24	JS	12/28/2005 / 19:24	
Aluminum	6010B, SW-846	6300	mg/Kg	22.4	JS	12/28/2005 / 19:24	
Arsenic	6010B, SW-846	12.1	mg/Kg	1.12	JS	12/28/2005 / 19:24	
Barium	6010B, SW-846	193	mg/Kg	3.4	JS	12/28/2005 / 19:24	
Beryllium	6010B, SW-846	0.338	mg/Kg	0.337	JS	12/28/2005 / 19:24	
Cadmium	6010B, SW-846	0.999	mg/Kg	0.337	JS	12/28/2005 / 19:24	
Chromium	6010B, SW-846	16.4	mg/Kg	1.12	JS	12/28/2005 / 19:24	
Calcium	6010B, SW-846	48600	mg/Kg	168	JS	12/28/2005 / 19:24	
Iron	6010B, SW-846	13500	mg/Kg	11.2	JS	12/28/2005 / 19:24	
Cobalt	6010B, SW-846	ND	mg/Kg	5.61	JS	12/28/2005 / 19:24	
Copper	6010B, SW-846	107	mg/Kg	5.61	JS	12/28/2005 / 19:24	
Lead	6010B, SW-846	198	mg/Kg	3.37	JS	12/28/2005 / 19:24	
Magnesium	6010B, SW-846	4250	mg/Kg	135	JS	12/28/2005 / 19:24	
Manganese	6010B, SW-846	220	mg/Kg	1.68	JS	12/28/2005 / 19:24	
Mercury	SW-846; 7471	0.634	mg/Kg	0.0434	JRH	12/23/2005 / 20:15	
Nickel	6010B, SW-846	17.9	mg/Kg	4.49	JS	12/28/2005 / 19:24	
Vanadium	6010B, SW-846	29.9	mg/Kg	5.61	JS	12/28/2005 / 19:24	
Selenium	6010B, SW-846	ND	mg/Kg	2.24	JS	12/28/2005 / 19:24	
Potassium	6010B, SW-846	889	mg/Kg	168	JS	12/28/2005 / 19:24	
Silver	6010B, SW-846	ND	mg/Kg	0.56	JS	12/28/2005 / 19:24	
Sodium	6010B, SW-846	270	mg/Kg	168	JS	12/28/2005 / 19:24	
Thallium	6010B, SW-846	ND	mg/Kg	2.24	JS	12/28/2005 / 19:24	
Zinc	6010B, SW-846	342	mg/Kg	5.61	JS	12/28/2005 / 19:24	
Percent Solids		79.6	%		AM	12/17/2005 / 7:29	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 19 of 58



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 003 LPB-13 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB OIL/SOIL EXTRACTIONS		30.59			MEW	12/22/2005 / 12:07	
Flame/ICP Solid Digestion	EPA 3050B	99.0099			AM	12/19/2005 / 15:04	

Sample: 004 LPB-13 7-9

Collection Date: 12/14/2005 Time: 11:30:00AM

Received Date: 12/16/2005 Time: 10:05:00AM

Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
Chloromethane	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
Bromomethane	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
Chloroethane	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
Acrolein	EPA 8260B	ND	ug/Kg	53	MVP	12/22/2005 / 13:30	
Acetone	EPA 8260B	124	ug/Kg	53	MVP	12/22/2005 / 13:30	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
Iodomethane	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	53	MVP	12/22/2005 / 13:30	
Methylene Chloride	EPA 8260B	ND	ug/Kg	42	MVP	12/22/2005 / 13:30	
Acrylonitrile	EPA 8260B	ND	ug/Kg	53	MVP	12/22/2005 / 13:30	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	53	MVP	12/22/2005 / 13:30	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	53	MVP	12/22/2005 / 13:30	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
Chloroform	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
Bromochloromethane	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 20 of 58



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 004 LPB-13 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Benzene	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
Trichloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	53	MVP	12/22/2005 / 13:30	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	53	MVP	12/22/2005 / 13:30	
Toluene	EPA 8260B	13.3	ug/Kg	11	MVP	12/22/2005 / 13:30	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
2-Hexanone	EPA 8260B	ND	ug/Kg	53	MVP	12/22/2005 / 13:30	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
Chlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
Ethylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
M & P XYLENE	EPA 8260B	ND	ug/Kg	21	MVP	12/22/2005 / 13:30	
O-XYLENE	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
Styrene	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
Bromoform	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
Bromobenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 21 of 58



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 004 LPB-13 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
4-Isopropyltoluene	EPA 8260B	161	ug/Kg	11	MVP	12/22/2005 / 13:30	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
Naphthalene	EPA 8260B	12.1	ug/Kg	11	MVP	12/22/2005 / 13:30	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/22/2005 / 13:30	
DIBROMOFLUOROMETHANE (SURR)		87.8	%		MVP	12/22/2005 / 13:30	
TOLUENE-D8 (SURROGATE)		93.6	%		MVP	12/22/2005 / 13:30	
4-BROMOFLUOROBENZENE (SURR)		76.0	%		MVP	12/22/2005 / 13:30	GX
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
Phenol	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
Hexachloroethane	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	3900	TLL	12/29/2005 / 14:53	
Nitrobenzene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
Isophorone	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
bis (2-Chloroethoxy)	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
Naphthalene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 22 of 58



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 004 LPB-13 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
4-Chloroaniline	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
Acenaphthylene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
Acenaphthene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
1,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
Dibenzofuran	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
Fluorene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
Phenanthrene	EPA 8270C	3600	ug/Kg	1900	TLL	12/29/2005 / 14:53	
Anthracene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
Carbazole	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
Fluoranthene	EPA 8270C	4900	ug/Kg	1900	TLL	12/29/2005 / 14:53	
Benzidine	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
Pyrene	EPA 8270C	4600	ug/Kg	1900	TLL	12/29/2005 / 14:53	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected

PQL= Practical Quantitation Limit

Page: 23 of 58



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 004 LPB-13 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
Benzo(a)anthracene	EPA 8270C	2200	ug/Kg	1900	TLL	12/29/2005 / 14:53	
Chrysene	EPA 8270C	2200	ug/Kg	1900	TLL	12/29/2005 / 14:53	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
Benzo(b)fluoranthene	EPA 8270C	2000	ug/Kg	1900	TLL	12/29/2005 / 14:53	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
Benzo(a)pyrene	EPA 8270C	2000	ug/Kg	1900	TLL	12/29/2005 / 14:53	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 14:53	
2-FLUOROPHENOL (SURR)		44.2	%		TLL	12/29/2005 / 14:53	
PHENOL-D5 (SURR)		49.8	%		TLL	12/29/2005 / 14:53	
NITROBENZENE-D5 (SURR)		38.4	%		TLL	12/29/2005 / 14:53	
2-FLUOROBIPHENYL (SURR)		57.0	%		TLL	12/29/2005 / 14:53	
2,4,6-TRIBROMOPHENOL (SURR)		61.5	%		TLL	12/29/2005 / 14:53	
TERPHENYL-D14 (SURR)		62.4	%		TLL	12/29/2005 / 14:53	
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/Kg	1.91	MVP	12/23/2005 / 13:09	
beta-BHC	EPA 8081A	ND	ug/Kg	1.91	MVP	12/23/2005 / 13:09	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	1.91	MVP	12/23/2005 / 13:09	
delta-BHC	EPA 8081A	ND	ug/Kg	1.91	MVP	12/23/2005 / 13:09	
Heptachlor	EPA 8081A	ND	ug/Kg	1.91	MVP	12/23/2005 / 13:09	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	1.91	MVP	12/23/2005 / 13:09	
Aldrin	EPA 8081A	ND	ug/Kg	1.91	MVP	12/23/2005 / 13:09	
Dieldrin	EPA 8081A	ND	ug/Kg	1.91	MVP	12/23/2005 / 13:09	
Endrin	EPA 8081A	ND	ug/Kg	1.91	MVP	12/23/2005 / 13:09	
4,4'-DDD	EPA 8081A	ND	ug/Kg	1.91	MVP	12/23/2005 / 13:09	
4,4'-DDE	EPA 8081A	ND	ug/Kg	1.91	MVP	12/23/2005 / 13:09	
4,4'-DDT	EPA 8081A	ND	ug/Kg	1.91	MVP	12/23/2005 / 13:09	
Endosulfan I	EPA 8081A	ND	ug/Kg	1.91	MVP	12/23/2005 / 13:09	
Endosulfan II	EPA 8081A	ND	ug/Kg	1.91	MVP	12/23/2005 / 13:09	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 004 LPB-13 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	1.91	MVP	12/23/2005 / 13:09	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	1.91	MVP	12/23/2005 / 13:09	
Methoxychlor	EPA 8081A	ND	ug/Kg	1.91	MVP	12/23/2005 / 13:09	
Endrin Ketone	EPA 8081A	ND	ug/Kg	1.91	MVP	12/23/2005 / 13:09	
Chlordane	EPA 8081A	ND	ug/Kg	38.1	MVP	12/23/2005 / 13:09	
Toxaphene	EPA 8081A	ND	ug/Kg	38.1	MVP	12/23/2005 / 13:09	
TCMX (SURROGATE)		66.5	%		MVP	12/23/2005 / 13:09	
DCB (SURROGATE)		89.9	%		MVP	12/23/2005 / 13:09	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	38	NAC	12/22/2005 / 22:29	
PCB-1221	EPA 8082	ND	ug/Kg	38	NAC	12/22/2005 / 22:29	
PCB-1232	EPA 8082	ND	ug/Kg	38	NAC	12/22/2005 / 22:29	
PCB-1242	EPA 8082	ND	ug/Kg	38	NAC	12/22/2005 / 22:29	
PCB-1248	EPA 8082	ND	ug/Kg	38	NAC	12/22/2005 / 22:29	
PCB-1254	EPA 8082	ND	ug/Kg	38	NAC	12/22/2005 / 22:29	
PCB-1260	EPA 8082	ND	ug/Kg	38	NAC	12/22/2005 / 22:29	
PCB-1262	EPA 8082	ND	ug/Kg	38	NAC	12/22/2005 / 22:29	
PCB-1268	EPA 8082	ND	ug/Kg	38	NAC	12/22/2005 / 22:29	
TCMX (SURROGATE)		48.9	%		NAC	12/22/2005 / 22:29	
DCB (SURROGATE)		47.1	%		NAC	12/22/2005 / 22:29	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	1.99	JS	12/28/2005 / 19:24	
Aluminum	6010B, SW-846	3630	mg/Kg	19.9	JS	12/28/2005 / 19:24	
Arsenic	6010B, SW-846	6.04	mg/Kg	0.994	JS	12/28/2005 / 19:24	
Barium	6010B, SW-846	110	mg/Kg	3.0	JS	12/28/2005 / 19:24	
Beryllium	6010B, SW-846	ND	mg/Kg	0.298	JS	12/28/2005 / 19:24	
Cadmium	6010B, SW-846	0.585	mg/Kg	0.298	JS	12/28/2005 / 19:24	
Chromium	6010B, SW-846	14.6	mg/Kg	0.994	JS	12/28/2005 / 19:24	
Calcium	6010B, SW-846	20500	mg/Kg	149	JS	12/28/2005 / 19:24	
Iron	6010B, SW-846	10300	mg/Kg	9.94	JS	12/28/2005 / 19:24	
Cobalt	6010B, SW-846	ND	mg/Kg	4.97	JS	12/28/2005 / 19:24	
Copper	6010B, SW-846	52.4	mg/Kg	4.97	JS	12/28/2005 / 19:24	
Lead	6010B, SW-846	134	mg/Kg	2.98	JS	12/28/2005 / 19:24	
Magnesium	6010B, SW-846	2280	mg/Kg	119	JS	12/28/2005 / 19:24	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 004 LPB-13 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Manganese	6010B, SW-846	138	mg/Kg	1.49	JS	12/28/2005 / 19:24	
Mercury	SW-846; 7471	0.572	mg/Kg	0.0395	JRH	12/23/2005 / 20:15	
Nickel	6010B, SW-846	13.2	mg/Kg	3.97	JS	12/28/2005 / 19:24	
Vanadium	6010B, SW-846	18.3	mg/Kg	4.97	JS	12/28/2005 / 19:24	
Selenium	6010B, SW-846	ND	mg/Kg	1.99	JS	12/28/2005 / 19:24	
Potassium	6010B, SW-846	733	mg/Kg	149	JS	12/28/2005 / 19:24	
Silver	6010B, SW-846	ND	mg/Kg	0.50	JS	12/28/2005 / 19:24	
Sodium	6010B, SW-846	167	mg/Kg	149	JS	12/28/2005 / 19:24	
Thallium	6010B, SW-846	ND	mg/Kg	1.99	JS	12/28/2005 / 19:24	
Zinc	6010B, SW-846	433	mg/Kg	4.97	JS	12/28/2005 / 19:24	
Percent Solids		85.3	%		AM	12/17/2005 / 7:29	
PCB OIL/SOIL EXTRACTIONS		30.74			MEW	12/22/2005 / 12:07	
Flame/ICP Solid Digestion	EPA 3050B	91.7431			AM	12/19/2005 / 15:04	

Sample: 005 LPB-16 5-7

Collection Date: 12/15/2005 Time: 10:00:00AM
Matrix: SOIL

Received Date: 12/16/2005 Time: 10:05:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
Chloromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
Bromomethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
Chloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
Acrolein	EPA 8260B	ND	ug/Kg	52	MVP	12/22/2005 / 14:02	
Acetone	EPA 8260B	ND	ug/Kg	52	MVP	12/22/2005 / 14:02	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
Iodomethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	52	MVP	12/22/2005 / 14:02	
Methylene Chloride	EPA 8260B	ND	ug/Kg	42	MVP	12/22/2005 / 14:02	
Acrylonitrile	EPA 8260B	ND	ug/Kg	52	MVP	12/22/2005 / 14:02	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 005 LPB-16 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	52	MVP	12/22/2005 / 14:02	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	52	MVP	12/22/2005 / 14:02	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
Chloroform	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
Bromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
Benzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
Trichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	52	MVP	12/22/2005 / 14:02	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	52	MVP	12/22/2005 / 14:02	
Toluene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
2-Hexanone	EPA 8260B	ND	ug/Kg	52	MVP	12/22/2005 / 14:02	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
Chlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
Ethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
M & P XYLENE	EPA 8260B	ND	ug/Kg	21	MVP	12/22/2005 / 14:02	
O-XYLENE	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
Styrene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
Bromoform	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 27 of 58



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 005 LPB-16 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Isopropylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
Bromobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
Naphthalene	EPA 8260B	12.2	ug/Kg	10	MVP	12/22/2005 / 14:02	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/22/2005 / 14:02	
DIBROMOFLUOROMETHANE (SURR)		95.2	%		MVP	12/22/2005 / 14:02	
TOLUENE-D8 (SURROGATE)		93.4	%		MVP	12/22/2005 / 14:02	
4-BROMOFLUOROBENZENE (SURR)		54.6	%		MVP	12/22/2005 / 14:02	GX
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
Phenol	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 005 LPB-16 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Hexachloroethane	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	410	TLL	12/27/2005 / 18:56	
Nitrobenzene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
Isophorone	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
bis (2-Chloroethoxy)	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
Naphthalene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
Acenaphthylene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
Acenaphthene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
Dibenzofuran	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
Fluorene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 29 of 58



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 005 LPB-16 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
Phenanthrene	EPA 8270C	1500	ug/Kg	210	TLL	12/27/2005 / 18:56	
Anthracene	EPA 8270C	360	ug/Kg	210	TLL	12/27/2005 / 18:56	
Carbazole	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
Fluoranthene	EPA 8270C	2000	ug/Kg	210	TLL	12/27/2005 / 18:56	
Benzidine	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
Pyrene	EPA 8270C	2000	ug/Kg	210	TLL	12/27/2005 / 18:56	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
Benzo(a)anthracene	EPA 8270C	930	ug/Kg	210	TLL	12/27/2005 / 18:56	
Chrysene	EPA 8270C	940	ug/Kg	210	TLL	12/27/2005 / 18:56	
bis(2-Ethylhexyl)phthalate	EPA 8270C	230	ug/Kg	210	TLL	12/27/2005 / 18:56	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
Benzo(b)fluoranthene	EPA 8270C	910	ug/Kg	210	TLL	12/27/2005 / 18:56	
Benzo(k)fluoranthene	EPA 8270C	810	ug/Kg	210	TLL	12/27/2005 / 18:56	
Benzo(a)pyrene	EPA 8270C	900	ug/Kg	210	TLL	12/27/2005 / 18:56	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	210	TLL	12/27/2005 / 18:56	
Benzo (g,h,i) perylene	EPA 8270C	490	ug/Kg	210	TLL	12/27/2005 / 18:56	
2-FLUOROPHENOL (SURR)		63.6	%		TLL	12/27/2005 / 18:56	
PHENOL-D5 (SURR)		73.8	%		TLL	12/27/2005 / 18:56	
NITROBENZENE-D5 (SURR)		71.9	%		TLL	12/27/2005 / 18:56	
2-FLUOROBIPHENYL (SURR)		70.3	%		TLL	12/27/2005 / 18:56	
2,4,6-TRIBROMOPHENOL (SURR)		85.3	%		TLL	12/27/2005 / 18:56	
TERPHENYL-D14 (SURR)		85.7	%		TLL	12/27/2005 / 18:56	
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/Kg	2.10	MVP	12/23/2005 / 13:09	
beta-BHC	EPA 8081A	ND	ug/Kg	2.10	MVP	12/23/2005 / 13:09	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	2.10	MVP	12/23/2005 / 13:09	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 30 of 58



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 005 LPB-16 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
delta-BHC	EPA 8081A	ND	ug/Kg	2.10	MVP	12/23/2005 / 13:09	
Heptachlor	EPA 8081A	ND	ug/Kg	2.10	MVP	12/23/2005 / 13:09	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	2.10	MVP	12/23/2005 / 13:09	
Aldrin	EPA 8081A	ND	ug/Kg	2.10	MVP	12/23/2005 / 13:09	
Dieldrin	EPA 8081A	ND	ug/Kg	2.10	MVP	12/23/2005 / 13:09	
Endrin	EPA 8081A	ND	ug/Kg	2.10	MVP	12/23/2005 / 13:09	
4,4'-DDD	EPA 8081A	ND	ug/Kg	2.10	MVP	12/23/2005 / 13:09	
4,4'-DDE	EPA 8081A	ND	ug/Kg	2.10	MVP	12/23/2005 / 13:09	
4,4'-DDT	EPA 8081A	ND	ug/Kg	2.10	MVP	12/23/2005 / 13:09	
Endosulfan I	EPA 8081A	ND	ug/Kg	2.10	MVP	12/23/2005 / 13:09	
Endosulfan II	EPA 8081A	ND	ug/Kg	2.10	MVP	12/23/2005 / 13:09	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	2.10	MVP	12/23/2005 / 13:09	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	2.10	MVP	12/23/2005 / 13:09	
Methoxychlor	EPA 8081A	ND	ug/Kg	2.10	MVP	12/23/2005 / 13:09	
Endrin Ketone	EPA 8081A	ND	ug/Kg	2.10	MVP	12/23/2005 / 13:09	
Chlordane	EPA 8081A	ND	ug/Kg	42.0	MVP	12/23/2005 / 13:09	
Toxaphene	EPA 8081A	ND	ug/Kg	42.0	MVP	12/23/2005 / 13:09	
TCMX (SURROGATE)		85.5	%		MVP	12/23/2005 / 13:09	
DCB (SURROGATE)		125	%		MVP	12/23/2005 / 13:09	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	42	NAC	12/22/2005 / 22:49	
PCB-1221	EPA 8082	ND	ug/Kg	42	NAC	12/22/2005 / 22:49	
PCB-1232	EPA 8082	ND	ug/Kg	42	NAC	12/22/2005 / 22:49	
PCB-1242	EPA 8082	ND	ug/Kg	42	NAC	12/22/2005 / 22:49	
PCB-1248	EPA 8082	ND	ug/Kg	42	NAC	12/22/2005 / 22:49	
PCB-1254	EPA 8082	ND	ug/Kg	42	NAC	12/22/2005 / 22:49	
PCB-1260	EPA 8082	ND	ug/Kg	42	NAC	12/22/2005 / 22:49	
PCB-1262	EPA 8082	ND	ug/Kg	42	NAC	12/22/2005 / 22:49	
PCB-1268	EPA 8082	ND	ug/Kg	42	NAC	12/22/2005 / 22:49	
TCMX (SURROGATE)		56.0	%		NAC	12/22/2005 / 22:49	
DCB (SURROGATE)		65.0	%		NAC	12/22/2005 / 22:49	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.02	JS	12/28/2005 / 19:24	
Aluminum	6010B, SW-846	7550	mg/Kg	20.2	JS	12/28/2005 / 19:24	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 005 LPB-16 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Arsenic	6010B, SW-846	12.7	mg/Kg	1.01	JS	12/28/2005 / 19:24	
Barium	6010B, SW-846	122	mg/Kg	3.0	JS	12/28/2005 / 19:24	
Beryllium	6010B, SW-846	0.597	mg/Kg	0.303	JS	12/28/2005 / 19:24	
Cadmium	6010B, SW-846	0.574	mg/Kg	0.303	JS	12/28/2005 / 19:24	
Chromium	6010B, SW-846	19.9	mg/Kg	1.01	JS	12/28/2005 / 19:24	
Calcium	6010B, SW-846	32100	mg/Kg	152	JS	12/28/2005 / 19:24	
Iron	6010B, SW-846	19400	mg/Kg	10.1	JS	12/28/2005 / 19:24	
Cobalt	6010B, SW-846	5.50	mg/Kg	5.05	JS	12/28/2005 / 19:24	
Copper	6010B, SW-846	184	mg/Kg	5.05	JS	12/28/2005 / 19:24	
Lead	6010B, SW-846	229	mg/Kg	3.03	JS	12/28/2005 / 19:24	
Magnesium	6010B, SW-846	3660	mg/Kg	121	JS	12/28/2005 / 19:24	
Manganese	6010B, SW-846	383	mg/Kg	1.52	JS	12/28/2005 / 19:24	
Mercury	SW-846; 7471	3.85	mg/Kg	0.118	JRH	12/23/2005 / 20:32	
Nickel	6010B, SW-846	18.3	mg/Kg	4.04	JS	12/28/2005 / 19:24	
Vanadium	6010B, SW-846	22.8	mg/Kg	5.05	JS	12/28/2005 / 19:24	
Selenium	6010B, SW-846	ND	mg/Kg	2.02	JS	12/28/2005 / 19:24	
Potassium	6010B, SW-846	1170	mg/Kg	152	JS	12/28/2005 / 19:24	
Silver	6010B, SW-846	ND	mg/Kg	0.51	JS	12/28/2005 / 19:24	
Sodium	6010B, SW-846	302	mg/Kg	152	JS	12/28/2005 / 19:24	
Thallium	6010B, SW-846	ND	mg/Kg	2.02	JS	12/28/2005 / 19:24	
Zinc	6010B, SW-846	259	mg/Kg	5.05	JS	12/28/2005 / 19:24	
Percent Solids		79.2	%		AM	12/17/2005 / 7:29	
PCB OIL/SOIL EXTRACTIONS		30.07			MEW	12/22/2005 / 12:07	
Flame/ICP Solid Digestion	EPA 3050B	97.0874			AM	12/19/2005 / 15:04	

Sample: 006 LPB-16 7-9

Collection Date: 12/15/2005 Time: 10:10:00AM
Matrix: SOIL

Received Date: 12/16/2005 Time: 10:05:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
Chloromethane	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744
ND = Not Detected PQL= Practical Quantitation Limit

Page: 32 of 58



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 006 LPB-16 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Bromomethane	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
Chloroethane	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
Acrolein	EPA 8260B	ND	ug/Kg	49	MVP	12/23/2005 / 9:47	
Acetone	EPA 8260B	57.7	ug/Kg	49	MVP	12/23/2005 / 9:47	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
Iodomethane	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	49	MVP	12/23/2005 / 9:47	
Methylene Chloride	EPA 8260B	ND	ug/Kg	39	MVP	12/23/2005 / 9:47	
Acrylonitrile	EPA 8260B	ND	ug/Kg	49	MVP	12/23/2005 / 9:47	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	49	MVP	12/23/2005 / 9:47	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	49	MVP	12/23/2005 / 9:47	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
Chloroform	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
Bromochloromethane	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
Benzene	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
Trichloroethylene	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	49	MVP	12/23/2005 / 9:47	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	49	MVP	12/23/2005 / 9:47	
Toluene	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 006 LPB-16 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2-Hexanone	EPA 8260B	ND	ug/Kg	49	MVP	12/23/2005 / 9:47	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
Chlorobenzene	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
Ethylbenzene	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
M & P XYLENE	EPA 8260B	ND	ug/Kg	20	MVP	12/23/2005 / 9:47	
O-XYLENE	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
Styrene	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
Bromoform	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
Bromobenzene	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
Naphthalene	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9.8	MVP	12/23/2005 / 9:47	
DIBROMOFLUOROMETHANE (SURR)		97.6	%		MVP	12/23/2005 / 9:47	
TOLUENE-D8 (SURROGATE)		103	%		MVP	12/23/2005 / 9:47	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 34 of 58



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 006 LPB-16 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
4-BROMOFLUOROBENZENE (SURR)		93.5	%		MVP	12/23/2005 / 9:47	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
Phenol	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
Hexachloroethane	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	380	TLL	12/27/2005 / 19:36	
Nitrobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
Isophorone	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
bis (2-Chloroethoxy)	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
Naphthalene	EPA 8270C	200	ug/Kg	190	TLL	12/27/2005 / 19:36	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
Acenaphthylene	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 35 of 58



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 006 LPB-16 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Acenaphthene	EPA 8270C	240	ug/Kg	190	TLL	12/27/2005 / 19:36	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
Dibenzofuran	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
Fluorene	EPA 8270C	230	ug/Kg	190	TLL	12/27/2005 / 19:36	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
Phenanthrene	EPA 8270C	2200	ug/Kg	190	TLL	12/27/2005 / 19:36	
Anthracene	EPA 8270C	510	ug/Kg	190	TLL	12/27/2005 / 19:36	
Carbazole	EPA 8270C	340	ug/Kg	190	TLL	12/27/2005 / 19:36	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
Fluoranthene	EPA 8270C	2600	ug/Kg	190	TLL	12/27/2005 / 19:36	
Benzidine	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
Pyrene	EPA 8270C	2900	ug/Kg	190	TLL	12/27/2005 / 19:36	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
Benzo(a)anthracene	EPA 8270C	1400	ug/Kg	190	TLL	12/27/2005 / 19:36	
Chrysene	EPA 8270C	1400	ug/Kg	190	TLL	12/27/2005 / 19:36	
bis(2-Ethylhexyl)phthalate	EPA 8270C	270	ug/Kg	190	TLL	12/27/2005 / 19:36	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
Benzo(b)fluoranthene	EPA 8270C	1400	ug/Kg	190	TLL	12/27/2005 / 19:36	
Benzo(k)fluoranthene	EPA 8270C	1400	ug/Kg	190	TLL	12/27/2005 / 19:36	
Benzo(a)pyrene	EPA 8270C	1300	ug/Kg	190	TLL	12/27/2005 / 19:36	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	190	TLL	12/27/2005 / 19:36	
Benzo (g,h,i) perylene	EPA 8270C	520	ug/Kg	190	TLL	12/27/2005 / 19:36	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 36 of 58



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 006 LPB-16 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2-FLUOROPHENOL (SURR)		66.6	%		TLL	12/27/2005 / 19:36	
PHENOL-D5 (SURR)		80.8	%		TLL	12/27/2005 / 19:36	
NITROBENZENE-D5 (SURR)		78.0	%		TLL	12/27/2005 / 19:36	
2-FLUOROBIPHENYL (SURR)		66.2	%		TLL	12/27/2005 / 19:36	
2,4,6-TRIBROMOPHENOL (SURR)		88.7	%		TLL	12/27/2005 / 19:36	
TERPHENYL-D14 (SURR)		80.5	%		TLL	12/27/2005 / 19:36	
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/Kg	1.91	MVP	12/23/2005 / 13:09	
beta-BHC	EPA 8081A	ND	ug/Kg	1.91	MVP	12/23/2005 / 13:09	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	1.91	MVP	12/23/2005 / 13:09	
delta-BHC	EPA 8081A	ND	ug/Kg	1.91	MVP	12/23/2005 / 13:09	
Heptachlor	EPA 8081A	ND	ug/Kg	1.91	MVP	12/23/2005 / 13:09	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	1.91	MVP	12/23/2005 / 13:09	
Aldrin	EPA 8081A	ND	ug/Kg	1.91	MVP	12/23/2005 / 13:09	
Dieldrin	EPA 8081A	ND	ug/Kg	1.91	MVP	12/23/2005 / 13:09	
Endrin	EPA 8081A	ND	ug/Kg	1.91	MVP	12/23/2005 / 13:09	
4,4'-DDD	EPA 8081A	ND	ug/Kg	1.91	MVP	12/23/2005 / 13:09	
4,4'-DDE	EPA 8081A	ND	ug/Kg	1.91	MVP	12/23/2005 / 13:09	
4,4'-DDT	EPA 8081A	ND	ug/Kg	1.91	MVP	12/23/2005 / 13:09	
Endosulfan I	EPA 8081A	ND	ug/Kg	1.91	MVP	12/23/2005 / 13:09	
Endosulfan II	EPA 8081A	ND	ug/Kg	1.91	MVP	12/23/2005 / 13:09	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	1.91	MVP	12/23/2005 / 13:09	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	1.91	MVP	12/23/2005 / 13:09	
Methoxychlor	EPA 8081A	ND	ug/Kg	1.91	MVP	12/23/2005 / 13:09	
Endrin Ketone	EPA 8081A	ND	ug/Kg	1.91	MVP	12/23/2005 / 13:09	
Chlordane	EPA 8081A	ND	ug/Kg	38.3	MVP	12/23/2005 / 13:09	
Toxaphene	EPA 8081A	ND	ug/Kg	38.3	MVP	12/23/2005 / 13:09	
TCMX (SURROGATE)		68.8	%		MVP	12/23/2005 / 13:09	
DCB (SURROGATE)		78.8	%		MVP	12/23/2005 / 13:09	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	38	NAC	12/22/2005 / 23:09	
PCB-1221	EPA 8082	ND	ug/Kg	38	NAC	12/22/2005 / 23:09	
PCB-1232	EPA 8082	ND	ug/Kg	38	NAC	12/22/2005 / 23:09	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 006 LPB-16 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-1242	EPA 8082	ND	ug/Kg	38	NAC	12/22/2005 / 23:09	
PCB-1248	EPA 8082	ND	ug/Kg	38	NAC	12/22/2005 / 23:09	
PCB-1254	EPA 8082	ND	ug/Kg	38	NAC	12/22/2005 / 23:09	
PCB-1260	EPA 8082	ND	ug/Kg	38	NAC	12/22/2005 / 23:09	
PCB-1262	EPA 8082	ND	ug/Kg	38	NAC	12/22/2005 / 23:09	
PCB-1268	EPA 8082	ND	ug/Kg	38	NAC	12/22/2005 / 23:09	
TCMX (SURROGATE)		47.0	%		NAC	12/22/2005 / 23:09	
DCB (SURROGATE)		47.1	%		NAC	12/22/2005 / 23:09	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.06	JS	12/28/2005 / 19:24	
Aluminum	6010B, SW-846	4720	mg/Kg	20.6	JS	12/28/2005 / 19:24	
Arsenic	6010B, SW-846	11.0	mg/Kg	1.03	JS	12/28/2005 / 19:24	
Barium	6010B, SW-846	78.3	mg/Kg	3.1	JS	12/28/2005 / 19:24	
Beryllium	6010B, SW-846	0.360	mg/Kg	0.309	JS	12/28/2005 / 19:24	
Cadmium	6010B, SW-846	0.340	mg/Kg	0.309	JS	12/28/2005 / 19:24	
Chromium	6010B, SW-846	26.2	mg/Kg	1.03	JS	12/28/2005 / 19:24	
Calcium	6010B, SW-846	8280	mg/Kg	155	JS	12/28/2005 / 19:24	
Iron	6010B, SW-846	15300	mg/Kg	10.3	JS	12/28/2005 / 19:24	
Cobalt	6010B, SW-846	ND	mg/Kg	5.16	JS	12/28/2005 / 19:24	
Copper	6010B, SW-846	75.5	mg/Kg	5.16	JS	12/28/2005 / 19:24	
Lead	6010B, SW-846	156	mg/Kg	3.09	JS	12/28/2005 / 19:24	
Magnesium	6010B, SW-846	1700	mg/Kg	124	JS	12/28/2005 / 19:24	
Manganese	6010B, SW-846	129	mg/Kg	1.55	JS	12/28/2005 / 19:24	
Mercury	SW-846; 7471	0.192	mg/Kg	0.0382	JRH	12/23/2005 / 20:15	
Nickel	6010B, SW-846	14.0	mg/Kg	4.12	JS	12/28/2005 / 19:24	
Vanadium	6010B, SW-846	20.5	mg/Kg	5.16	JS	12/28/2005 / 19:24	
Selenium	6010B, SW-846	ND	mg/Kg	2.06	JS	12/28/2005 / 19:24	
Potassium	6010B, SW-846	813	mg/Kg	155	JS	12/28/2005 / 19:24	
Silver	6010B, SW-846	ND	mg/Kg	0.52	JS	12/28/2005 / 19:24	
Sodium	6010B, SW-846	207	mg/Kg	155	JS	12/28/2005 / 19:24	
Thallium	6010B, SW-846	ND	mg/Kg	2.06	JS	12/28/2005 / 19:24	
Zinc	6010B, SW-846	153	mg/Kg	5.16	JS	12/28/2005 / 19:24	
Percent Solids		86.6	%		AM	12/17/2005 / 7:29	
PCB OIL/SOIL EXTRACTIONS		30.16			MEW	12/22/2005 / 12:07	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 006 LPB-16 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Flame/ICP Solid Digestion	EPA 3050B	86.9565			AM	12/19/2005 / 15:04	

Sample: 007 LPB-17 5-7

Collection Date: 12/15/2005 Time: 10:05:00AM

Received Date: 12/16/2005 Time: 10:05:00AM

Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							1
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
Chloromethane	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
Bromomethane	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
Chloroethane	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
Acrolein	EPA 8260B	ND	ug/Kg	48	MVP	12/23/2005 / 13:03	
Acetone	EPA 8260B	ND	ug/Kg	48	MVP	12/23/2005 / 13:03	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
Iodomethane	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	48	MVP	12/23/2005 / 13:03	
Methylene Chloride	EPA 8260B	ND	ug/Kg	39	MVP	12/23/2005 / 13:03	
Acrylonitrile	EPA 8260B	ND	ug/Kg	48	MVP	12/23/2005 / 13:03	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	48	MVP	12/23/2005 / 13:03	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	48	MVP	12/23/2005 / 13:03	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
Chloroform	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
Bromochloromethane	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
Benzene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 39 of 58



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 007 LPB-17 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
Trichloroethylene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	48	MVP	12/23/2005 / 13:03	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	48	MVP	12/23/2005 / 13:03	
Toluene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
2-Hexanone	EPA 8260B	ND	ug/Kg	48	MVP	12/23/2005 / 13:03	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
Chlorobenzene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
Ethylbenzene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
M & P XYLENE	EPA 8260B	ND	ug/Kg	19	MVP	12/23/2005 / 13:03	
O-XYLENE	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
Styrene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
Bromoform	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
Bromobenzene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 007 LPB-17 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
Naphthalene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/23/2005 / 13:03	
DIBROMOFLUOROMETHANE (SURR)		115	%		MVP	12/23/2005 / 13:03	
TOLUENE-D8 (SURROGATE)		81.6	%		MVP	12/23/2005 / 13:03	GX
4-BROMOFLUOROBENZENE (SURR)		25.0	%		MVP	12/23/2005 / 13:03	GX
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:16	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:16	
Phenol	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:16	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:16	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:16	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:16	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:16	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:16	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:16	
Hexachloroethane	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:16	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:16	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	390	TLL	12/27/2005 / 20:16	
Nitrobenzene	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:16	
Isophorone	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:16	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:16	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:16	
bis (2-Chloroethoxy)	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:16	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:16	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:16	
Naphthalene	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:16	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:16	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 41 of 58



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 007 LPB-17 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:16	
Benzo(a)anthracene	EPA 8270C	710	ug/Kg	200	TLL	12/27/2005 / 20:16	
Chrysene	EPA 8270C	750	ug/Kg	200	TLL	12/27/2005 / 20:16	
bis(2-Ethylhexyl)phthalate	EPA 8270C	290	ug/Kg	200	TLL	12/27/2005 / 20:16	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:16	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:16	
Benzo(b)fluoranthene	EPA 8270C	830	ug/Kg	200	TLL	12/27/2005 / 20:16	
Benzo(k)fluoranthene	EPA 8270C	690	ug/Kg	200	TLL	12/27/2005 / 20:16	
Benzo(a)pyrene	EPA 8270C	660	ug/Kg	200	TLL	12/27/2005 / 20:16	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:16	
Benzo (g,h,i) perylene	EPA 8270C	280	ug/Kg	200	TLL	12/27/2005 / 20:16	
2-FLUOROPHENOL (SURR)		59.6	%		TLL	12/27/2005 / 20:16	
PHENOL-D5 (SURR)		74.0	%		TLL	12/27/2005 / 20:16	
NITROBENZENE-D5 (SURR)		68.3	%		TLL	12/27/2005 / 20:16	
2-FLUOROBIPHENYL (SURR)		59.9	%		TLL	12/27/2005 / 20:16	
2,4,6-TRIBROMOPHENOL (SURR)		83.2	%		TLL	12/27/2005 / 20:16	
TERPHENYL-D14 (SURR)		73.7	%		TLL	12/27/2005 / 20:16	

Pesticides/PCBs

Pesticides

alpha-BHC	EPA 8081A	ND	ug/Kg	1.97	MVP	12/23/2005 / 13:09	
beta-BHC	EPA 8081A	ND	ug/Kg	1.97	MVP	12/23/2005 / 13:09	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	1.97	MVP	12/23/2005 / 13:09	
delta-BHC	EPA 8081A	ND	ug/Kg	1.97	MVP	12/23/2005 / 13:09	
Heptachlor	EPA 8081A	ND	ug/Kg	1.97	MVP	12/23/2005 / 13:09	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	1.97	MVP	12/23/2005 / 13:09	
Aldrin	EPA 8081A	ND	ug/Kg	1.97	MVP	12/23/2005 / 13:09	
Dieldrin	EPA 8081A	ND	ug/Kg	1.97	MVP	12/23/2005 / 13:09	
Endrin	EPA 8081A	ND	ug/Kg	1.97	MVP	12/23/2005 / 13:09	
4,4'-DDD	EPA 8081A	ND	ug/Kg	1.97	MVP	12/23/2005 / 13:09	
4,4'-DDE	EPA 8081A	ND	ug/Kg	1.97	MVP	12/23/2005 / 13:09	
4,4'-DDT	EPA 8081A	ND	ug/Kg	1.97	MVP	12/23/2005 / 13:09	
Endosulfan I	EPA 8081A	ND	ug/Kg	1.97	MVP	12/23/2005 / 13:09	
Endosulfan II	EPA 8081A	ND	ug/Kg	1.97	MVP	12/23/2005 / 13:09	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	1.97	MVP	12/23/2005 / 13:09	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 43 of 58



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 007 LPB-17 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	1.97	MVP	12/23/2005 / 13:09	
Methoxychlor	EPA 8081A	ND	ug/Kg	1.97	MVP	12/23/2005 / 13:09	
Endrin Ketone	EPA 8081A	ND	ug/Kg	1.97	MVP	12/23/2005 / 13:09	
Chlordane	EPA 8081A	ND	ug/Kg	39.4	MVP	12/23/2005 / 13:09	
Toxaphene	EPA 8081A	ND	ug/Kg	39.4	MVP	12/23/2005 / 13:09	
TCMX (SURROGATE)		76.2	%		MVP	12/23/2005 / 13:09	
DCB (SURROGATE)		117	%		MVP	12/23/2005 / 13:09	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	39	NAC	12/22/2005 / 23:29	
PCB-1221	EPA 8082	ND	ug/Kg	39	NAC	12/22/2005 / 23:29	
PCB-1232	EPA 8082	ND	ug/Kg	39	NAC	12/22/2005 / 23:29	
PCB-1242	EPA 8082	ND	ug/Kg	39	NAC	12/22/2005 / 23:29	
PCB-1248	EPA 8082	ND	ug/Kg	39	NAC	12/22/2005 / 23:29	
PCB-1254	EPA 8082	ND	ug/Kg	39	NAC	12/22/2005 / 23:29	
PCB-1260	EPA 8082	ND	ug/Kg	39	NAC	12/22/2005 / 23:29	
PCB-1262	EPA 8082	ND	ug/Kg	39	NAC	12/22/2005 / 23:29	
PCB-1268	EPA 8082	ND	ug/Kg	39	NAC	12/22/2005 / 23:29	
TCMX (SURROGATE)		47.8	%		NAC	12/22/2005 / 23:29	
DCB (SURROGATE)		49.8	%		NAC	12/22/2005 / 23:29	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.00	JS	12/28/2005 / 19:24	
Aluminum	6010B, SW-846	9600	mg/Kg	20.0	JS	12/28/2005 / 19:24	
Arsenic	6010B, SW-846	24.3	mg/Kg	0.998	JS	12/28/2005 / 19:24	
Barium	6010B, SW-846	119	mg/Kg	3.0	JS	12/28/2005 / 19:24	
Beryllium	6010B, SW-846	0.835	mg/Kg	0.299	JS	12/28/2005 / 19:24	
Cadmium	6010B, SW-846	0.352	mg/Kg	0.299	JS	12/28/2005 / 19:24	
Chromium	6010B, SW-846	15.2	mg/Kg	0.998	JS	12/28/2005 / 19:24	
Calcium	6010B, SW-846	7480	mg/Kg	150	JS	12/28/2005 / 19:24	
Iron	6010B, SW-846	16600	mg/Kg	9.98	JS	12/28/2005 / 19:24	
Cobalt	6010B, SW-846	6.76	mg/Kg	4.99	JS	12/28/2005 / 19:24	
Copper	6010B, SW-846	93.0	mg/Kg	4.99	JS	12/28/2005 / 19:24	
Lead	6010B, SW-846	215	mg/Kg	2.99	JS	12/28/2005 / 19:24	
Magnesium	6010B, SW-846	2400	mg/Kg	120	JS	12/28/2005 / 19:24	
Manganese	6010B, SW-846	224	mg/Kg	1.50	JS	12/28/2005 / 19:24	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 007 LPB-17 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Mercury	SW-846; 7471	0.739	mg/Kg	0.0381	JRH	12/23/2005 / 20:15	
Nickel	6010B, SW-846	18.7	mg/Kg	3.99	JS	12/28/2005 / 19:24	
Vanadium	6010B, SW-846	21.4	mg/Kg	4.99	JS	12/28/2005 / 19:24	
Selenium	6010B, SW-846	ND	mg/Kg	2.00	JS	12/28/2005 / 19:24	
Potassium	6010B, SW-846	725	mg/Kg	150	JS	12/28/2005 / 19:24	
Silver	6010B, SW-846	ND	mg/Kg	0.50	JS	12/28/2005 / 19:24	
Sodium	6010B, SW-846	167	mg/Kg	150	JS	12/28/2005 / 19:24	
Thallium	6010B, SW-846	ND	mg/Kg	2.00	JS	12/28/2005 / 19:24	
Zinc	6010B, SW-846	172	mg/Kg	4.99	JS	12/28/2005 / 19:24	
Percent Solids		83.5	%		AM	12/17/2005 / 7:29	
PCB OIL/SOIL EXTRACTIONS		30.42			MEW	12/22/2005 / 12:07	
Flame/ICP Solid Digestion	EPA 3050B	95.2381			AM	12/19/2005 / 15:04	

Sample: 008 LPB-17 7-9
Collection Date: 12/15/2005 Time: 10:20:00AM
Matrix: SOIL

Received Date: 12/16/2005 Time: 10:05:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
Chloromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
Bromomethane	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
Chloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
Acrolein	EPA 8260B	ND	ug/Kg	51	MVP	12/23/2005 / 8:41	
Acetone	EPA 8260B	ND	ug/Kg	51	MVP	12/23/2005 / 8:41	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
Iodomethane	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	51	MVP	12/23/2005 / 8:41	
Methylene Chloride	EPA 8260B	ND	ug/Kg	41	MVP	12/23/2005 / 8:41	
Acrylonitrile	EPA 8260B	ND	ug/Kg	51	MVP	12/23/2005 / 8:41	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	

Certifications: MA: MA069 NY:10982
ND = Not Detected PQL= Practical Quantitation Limit

CT: PH0119

RI: A45

NJ: 59744

Page: 45 of 58



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 008 LPB-17 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	51	MVP	12/23/2005 / 8:41	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	51	MVP	12/23/2005 / 8:41	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
Chloroform	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
Bromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
Benzene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
Trichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	51	MVP	12/23/2005 / 8:41	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	51	MVP	12/23/2005 / 8:41	
Toluene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
2-Hexanone	EPA 8260B	ND	ug/Kg	51	MVP	12/23/2005 / 8:41	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
Chlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
Ethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
M & P XYLENE	EPA 8260B	ND	ug/Kg	20	MVP	12/23/2005 / 8:41	
O-XYLENE	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
Styrene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
Bromoform	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 008 LPB-17 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
Bromobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
Naphthalene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 8:41	
DIBROMOFLUOROMETHANE (SURR)		94.6	%		MVP	12/23/2005 / 8:41	
TOLUENE-D8 (SURROGATE)		104	%		MVP	12/23/2005 / 8:41	
4-BROMOFLUOROBENZENE (SURR)		98.8	%		MVP	12/23/2005 / 8:41	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
Phenol	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
Hexachloroethane	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 008 LPB-17 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	400	TLL	12/27/2005 / 20:56	
Nitrobenzene	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
Isophorone	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
bis (2-Chloroethoxy)	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
Naphthalene	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
Acenaphthylene	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
Acenaphthene	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
Dibenzofuran	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
Fluorene	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 008 LPB-17 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
Phenanthrene	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
Anthracene	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
Carbazole	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
Fluoranthene	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
Benidine	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
Pyrene	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
3,3'-Dichlorbenzidine	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
Chrysene	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	200	TLL	12/27/2005 / 20:56	
2-FLUOROPHENOL (SURR)		66.7	%		TLL	12/27/2005 / 20:56	
PHENOL-D5 (SURR)		85.8	%		TLL	12/27/2005 / 20:56	
NITROBENZENE-D5 (SURR)		86.7	%		TLL	12/27/2005 / 20:56	
2-FLUOROBIPHENYL (SURR)		87.7	%		TLL	12/27/2005 / 20:56	
2,4,6-TRIBROMOPHENOL (SURR)		92.8	%		TLL	12/27/2005 / 20:56	
TERPHENYL-D14 (SURR)		102	%		TLL	12/27/2005 / 20:56	
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/Kg	1.95	MVP	12/23/2005 / 13:09	
beta-BHC	EPA 8081A	ND	ug/Kg	1.95	MVP	12/23/2005 / 13:09	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	1.95	MVP	12/23/2005 / 13:09	
delta-BHC	EPA 8081A	ND	ug/Kg	1.95	MVP	12/23/2005 / 13:09	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 008 LPB-17 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Heptachlor	EPA 8081A	ND	ug/Kg	1.95	MVP	12/23/2005 / 13:09	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	1.95	MVP	12/23/2005 / 13:09	
Aldrin	EPA 8081A	ND	ug/Kg	1.95	MVP	12/23/2005 / 13:09	
Dieldrin	EPA 8081A	ND	ug/Kg	1.95	MVP	12/23/2005 / 13:09	
Endrin	EPA 8081A	ND	ug/Kg	1.95	MVP	12/23/2005 / 13:09	
4,4'-DDD	EPA 8081A	ND	ug/Kg	1.95	MVP	12/23/2005 / 13:09	
4,4'-DDE	EPA 8081A	ND	ug/Kg	1.95	MVP	12/23/2005 / 13:09	
4,4'-DDT	EPA 8081A	ND	ug/Kg	1.95	MVP	12/23/2005 / 13:09	
Endosulfan I	EPA 8081A	ND	ug/Kg	1.95	MVP	12/23/2005 / 13:09	
Endosulfan II	EPA 8081A	ND	ug/Kg	1.95	MVP	12/23/2005 / 13:09	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	1.95	MVP	12/23/2005 / 13:09	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	1.95	MVP	12/23/2005 / 13:09	
Methoxychlor	EPA 8081A	ND	ug/Kg	1.95	MVP	12/23/2005 / 13:09	
Endrin Ketone	EPA 8081A	ND	ug/Kg	1.95	MVP	12/23/2005 / 13:09	
Chlordane	EPA 8081A	ND	ug/Kg	39.0	MVP	12/23/2005 / 13:09	
Toxaphene	EPA 8081A	ND	ug/Kg	39.0	MVP	12/23/2005 / 13:09	
TCMX (SURROGATE)		51.9	%		MVP	12/23/2005 / 13:09	
DCB (SURROGATE)		50.2	%		MVP	12/23/2005 / 13:09	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	39	NAC	12/22/2005 / 23:49	
PCB-1221	EPA 8082	ND	ug/Kg	39	NAC	12/22/2005 / 23:49	
PCB-1232	EPA 8082	ND	ug/Kg	39	NAC	12/22/2005 / 23:49	
PCB-1242	EPA 8082	ND	ug/Kg	39	NAC	12/22/2005 / 23:49	
PCB-1248	EPA 8082	ND	ug/Kg	39	NAC	12/22/2005 / 23:49	
PCB-1254	EPA 8082	ND	ug/Kg	39	NAC	12/22/2005 / 23:49	
PCB-1260	EPA 8082	ND	ug/Kg	39	NAC	12/22/2005 / 23:49	
PCB-1262	EPA 8082	ND	ug/Kg	39	NAC	12/22/2005 / 23:49	
PCB-1268	EPA 8082	ND	ug/Kg	39	NAC	12/22/2005 / 23:49	
TCMX (SURROGATE)		40.5	%		NAC	12/22/2005 / 23:49	
DCB (SURROGATE)		26.2	%		NAC	12/22/2005 / 23:49	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.11	JS	12/28/2005 / 19:24	
Aluminum	6010B, SW-846	10700	mg/Kg	21.1	JS	12/28/2005 / 19:24	
Arsenic	6010B, SW-846	7.05	mg/Kg	1.05	JS	12/28/2005 / 19:24	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 008 LPB-177-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Barium	6010B, SW-846	64.0	mg/Kg	3.2	JS	12/28/2005 / 19:24	
Beryllium	6010B, SW-846	0.435	mg/Kg	0.316	JS	12/28/2005 / 19:24	
Cadmium	6010B, SW-846	ND	mg/Kg	0.316	JS	12/28/2005 / 19:24	
Chromium	6010B, SW-846	16.6	mg/Kg	1.05	JS	12/28/2005 / 19:24	
Calcium	6010B, SW-846	1260	mg/Kg	158	JS	12/28/2005 / 19:24	
Iron	6010B, SW-846	17500	mg/Kg	10.5	JS	12/28/2005 / 19:24	
Cobalt	6010B, SW-846	7.28	mg/Kg	5.27	JS	12/28/2005 / 19:24	
Copper	6010B, SW-846	29.2	mg/Kg	5.27	JS	12/28/2005 / 19:24	
Lead	6010B, SW-846	110	mg/Kg	3.16	JS	12/28/2005 / 19:24	
Magnesium	6010B, SW-846	2590	mg/Kg	126	JS	12/28/2005 / 19:24	
Manganese	6010B, SW-846	365	mg/Kg	1.58	JS	12/28/2005 / 19:24	
Mercury	SW-846; 7471	0.226	mg/Kg	0.0399	JRH	12/23/2005 / 20:15	
Nickel	6010B, SW-846	17.3	mg/Kg	4.21	JS	12/28/2005 / 19:24	
Vanadium	6010B, SW-846	20.2	mg/Kg	5.27	JS	12/28/2005 / 19:24	
Selenium	6010B, SW-846	ND	mg/Kg	2.11	JS	12/28/2005 / 19:24	
Potassium	6010B, SW-846	978	mg/Kg	158	JS	12/28/2005 / 19:24	
Silver	6010B, SW-846	ND	mg/Kg	0.53	JS	12/28/2005 / 19:24	
Sodium	6010B, SW-846	ND	mg/Kg	158	JS	12/28/2005 / 19:24	
Thallium	6010B, SW-846	ND	mg/Kg	2.11	JS	12/28/2005 / 19:24	
Zinc	6010B, SW-846	105	mg/Kg	5.27	JS	12/28/2005 / 19:24	
Percent Solids		83.3	%		AM	12/17/2005 / 7:29	
PCB OIL/SOIL EXTRACTIONS		30.81			MEW	12/22/2005 / 12:07	
Flame/ICP Solid Digestion	EPA 3050B	98.0392			AM	12/19/2005 / 15:04	

Sample: 009 LPB-13D 5-7
Collection Date: 12/14/2005 Time: 11:25:00AM
Matrix: SOIL

Received Date: 12/16/2005 Time: 10:05:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
Chloromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
Bromomethane	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744
ND = Not Detected PQL= Practical Quantitation Limit



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 009 LPB-13D 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Chloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
Acrolein	EPA 8260B	ND	ug/Kg	50	MVP	12/23/2005 / 9:14	
Acetone	EPA 8260B	ND	ug/Kg	50	MVP	12/23/2005 / 9:14	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
Iodomethane	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	50	MVP	12/23/2005 / 9:14	
Methylene Chloride	EPA 8260B	ND	ug/Kg	40	MVP	12/23/2005 / 9:14	
Acrylonitrile	EPA 8260B	ND	ug/Kg	50	MVP	12/23/2005 / 9:14	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	50	MVP	12/23/2005 / 9:14	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	50	MVP	12/23/2005 / 9:14	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
Chloroform	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
Bromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
Benzene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
Trichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	50	MVP	12/23/2005 / 9:14	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	50	MVP	12/23/2005 / 9:14	
Toluene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
2-Hexanone	EPA 8260B	ND	ug/Kg	50	MVP	12/23/2005 / 9:14	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 52 of 58



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 009 LPB-13D 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
Chlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
Ethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
M & P XYLENE	EPA 8260B	ND	ug/Kg	20	MVP	12/23/2005 / 9:14	
O-XYLENE	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
Styrene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
Bromoform	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
Bromobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
4-Isopropyltoluene	EPA 8260B	31.9	ug/Kg	10	MVP	12/23/2005 / 9:14	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
Naphthalene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/23/2005 / 9:14	
DIBROMOFLUOROMETHANE (SURR)		95.5	%		MVP	12/23/2005 / 9:14	
TOLUENE-D8 (SURROGATE)		101	%		MVP	12/23/2005 / 9:14	
4-BROMOFLUOROBENZENE (SURR)		71.8	%		MVP	12/23/2005 / 9:14	GX

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 53 of 58



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 009 LPB-13D 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
Phenol	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
Hexachloroethane	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	2000	TLL	12/27/2005 / 22:56	
Nitrobenzene	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
Isophorone	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
bis (2-Chloroethoxy)	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
Naphthalene	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
Acenaphthylene	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
Acenaphthene	EPA 8270C	1200	ug/Kg	990	TLL	12/27/2005 / 22:56	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 54 of 58



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 009 LPB-13D 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
3-Nitroaniline	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
Dibenzofuran	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
Fluorene	EPA 8270C	1200	ug/Kg	990	TLL	12/27/2005 / 22:56	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
Phenanthrene	EPA 8270C	12000	ug/Kg	990	TLL	12/27/2005 / 22:56	
Anthracene	EPA 8270C	3000	ug/Kg	990	TLL	12/27/2005 / 22:56	
Carbazole	EPA 8270C	1600	ug/Kg	990	TLL	12/27/2005 / 22:56	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
Fluoranthene	EPA 8270C	15000	ug/Kg	990	TLL	12/27/2005 / 22:56	
Benzidine	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
Pyrene	EPA 8270C	17000	ug/Kg	990	TLL	12/27/2005 / 22:56	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
Benzo(a)anthracene	EPA 8270C	7400	ug/Kg	990	TLL	12/27/2005 / 22:56	
Chrysene	EPA 8270C	7400	ug/Kg	990	TLL	12/27/2005 / 22:56	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
Benzo(b)fluoranthene	EPA 8270C	8700	ug/Kg	990	TLL	12/27/2005 / 22:56	
Benzo(k)fluoranthene	EPA 8270C	6900	ug/Kg	990	TLL	12/27/2005 / 22:56	
Benzo(a)pyrene	EPA 8270C	7400	ug/Kg	990	TLL	12/27/2005 / 22:56	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	990	TLL	12/27/2005 / 22:56	
Benzo (g,h,i) perylene	EPA 8270C	1400	ug/Kg	990	TLL	12/27/2005 / 22:56	
2-FLUOROPHENOL (SURR)		356	%		TLL	12/27/2005 / 22:56	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected

PQL= Practical Quantitation Limit

Page: 55 of 58



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 009 LPB-13D 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PHENOL-D5 (SURR)		354	%		TLL	12/27/2005 / 22:56	
NITROBENZENE-D5 (SURR)		18.4	%		TLL	12/27/2005 / 22:56	
2-FLUOROBIPHENYL (SURR)		396	%		TLL	12/27/2005 / 22:56	
2,4,6-TRIBROMOPHENOL (SURR)		413	%		TLL	12/27/2005 / 22:56	
TERPHENYL-D14 (SURR)		482	%		TLL	12/27/2005 / 22:56	
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/Kg	1.97	MVP	12/23/2005 / 13:09	
beta-BHC	EPA 8081A	ND	ug/Kg	1.97	MVP	12/23/2005 / 13:09	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	1.97	MVP	12/23/2005 / 13:09	
delta-BHC	EPA 8081A	ND	ug/Kg	1.97	MVP	12/23/2005 / 13:09	
Heptachlor	EPA 8081A	ND	ug/Kg	1.97	MVP	12/23/2005 / 13:09	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	1.97	MVP	12/23/2005 / 13:09	
Aldrin	EPA 8081A	ND	ug/Kg	1.97	MVP	12/23/2005 / 13:09	
Dieldrin	EPA 8081A	ND	ug/Kg	1.97	MVP	12/23/2005 / 13:09	
Endrin	EPA 8081A	ND	ug/Kg	1.97	MVP	12/23/2005 / 13:09	
4,4'-DDD	EPA 8081A	ND	ug/Kg	1.97	MVP	12/23/2005 / 13:09	
4,4'-DDE	EPA 8081A	ND	ug/Kg	1.97	MVP	12/23/2005 / 13:09	
4,4'-DDT	EPA 8081A	ND	ug/Kg	1.97	MVP	12/23/2005 / 13:09	
Endosulfan I	EPA 8081A	ND	ug/Kg	1.97	MVP	12/23/2005 / 13:09	
Endosulfan II	EPA 8081A	ND	ug/Kg	1.97	MVP	12/23/2005 / 13:09	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	1.97	MVP	12/23/2005 / 13:09	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	1.97	MVP	12/23/2005 / 13:09	
Methoxychlor	EPA 8081A	ND	ug/Kg	1.97	MVP	12/23/2005 / 13:09	
Endrin Ketone	EPA 8081A	ND	ug/Kg	1.97	MVP	12/23/2005 / 13:09	
Chlordane	EPA 8081A	ND	ug/Kg	39.5	MVP	12/23/2005 / 13:09	
Toxaphene	EPA 8081A	ND	ug/Kg	39.5	MVP	12/23/2005 / 13:09	
TCMX (SURROGATE)		69.1	%		MVP	12/23/2005 / 13:09	
DCB (SURROGATE)		102	%		MVP	12/23/2005 / 13:09	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	39	NAC	12/23/2005 / 1:09	
PCB-1221	EPA 8082	ND	ug/Kg	39	NAC	12/23/2005 / 1:09	
PCB-1232	EPA 8082	ND	ug/Kg	39	NAC	12/23/2005 / 1:09	
PCB-1242	EPA 8082	ND	ug/Kg	39	NAC	12/23/2005 / 1:09	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 56 of 58



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

Sample: 009 LPB-13D 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-1248	EPA 8082	ND	ug/Kg	39	NAC	12/23/2005 / 1:09	
PCB-1254	EPA 8082	ND	ug/Kg	39	NAC	12/23/2005 / 1:09	
PCB-1260	EPA 8082	ND	ug/Kg	39	NAC	12/23/2005 / 1:09	
PCB-1262	EPA 8082	41	ug/Kg	39	NAC	12/23/2005 / 1:09	
PCB-1268	EPA 8082	ND	ug/Kg	39	NAC	12/23/2005 / 1:09	
TCMX (SURROGATE)		63.1	%		NAC	12/23/2005 / 1:09	
DCB (SURROGATE)		58.3	%		NAC	12/23/2005 / 1:09	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	1.67	JS	12/28/2005 / 19:24	
Aluminum	6010B, SW-846	4500	mg/Kg	16.7	JS	12/28/2005 / 19:24	
Arsenic	6010B, SW-846	22.7	mg/Kg	0.837	JS	12/28/2005 / 19:24	
Barium	6010B, SW-846	182	mg/Kg	2.5	JS	12/28/2005 / 19:24	
Beryllium	6010B, SW-846	0.290	mg/Kg	0.251	JS	12/28/2005 / 19:24	
Cadmium	6010B, SW-846	0.977	mg/Kg	0.251	JS	12/28/2005 / 19:24	
Chromium	6010B, SW-846	14.5	mg/Kg	0.837	JS	12/28/2005 / 19:24	
Calcium	6010B, SW-846	32500	mg/Kg	126	JS	12/28/2005 / 19:24	
Iron	6010B, SW-846	24700	mg/Kg	8.37	JS	12/28/2005 / 19:24	
Cobalt	6010B, SW-846	ND	mg/Kg	4.19	JS	12/28/2005 / 19:24	
Copper	6010B, SW-846	114	mg/Kg	4.19	JS	12/28/2005 / 19:24	
Lead	6010B, SW-846	181	mg/Kg	2.51	JS	12/28/2005 / 19:24	
Magnesium	6010B, SW-846	3900	mg/Kg	100	JS	12/28/2005 / 19:24	
Manganese	6010B, SW-846	392	mg/Kg	1.26	JS	12/28/2005 / 19:24	
Mercury	SW-846; 7471	0.539	mg/Kg	0.0383	JRH	12/23/2005 / 20:15	
Nickel	6010B, SW-846	15.7	mg/Kg	3.35	JS	12/28/2005 / 19:24	
Vanadium	6010B, SW-846	19.0	mg/Kg	4.19	JS	12/28/2005 / 19:24	
Selenium	6010B, SW-846	ND	mg/Kg	1.67	JS	12/28/2005 / 19:24	
Potassium	6010B, SW-846	663	mg/Kg	126	JS	12/28/2005 / 19:24	
Silver	6010B, SW-846	0.480	mg/Kg	0.42	JS	12/28/2005 / 19:24	
Sodium	6010B, SW-846	205	mg/Kg	126	JS	12/28/2005 / 19:24	
Thallium	6010B, SW-846	ND	mg/Kg	1.67	JS	12/28/2005 / 19:24	
Zinc	6010B, SW-846	271	mg/Kg	4.19	JS	12/28/2005 / 19:24	
Percent Solids		84.1	%		AM	12/17/2005 / 7:29	
PCB OIL/SOIL EXTRACTIONS		30.11			MEW	12/22/2005 / 12:07	
Flame/ICP Solid Digestion	EPA 3050B	98.0392			AM	12/19/2005 / 15:04	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 57 of 58



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00226

GX Due to sample matrix effects, the surrogate recovery was outside acceptance limits.
I Internal Standard recovery was outside of method limits. Matrix interference was confirmed by reanalysis.

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

Authorized By:

Robert A. Bell
Robert Bell, Environmental Laboratory Manager

Date: 12-29-05

NOTE: All solid results are reported on a dry weight basis unless otherwise noted.

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744
ND = Not Detected PQL= Practical Quantitation Limit

Page: 58 of 58

Sample Receiving Form

CLIENT: METCALF + EDDY	WORKORDER: 0512-226
CLIENTS JOB: DDC - Levine Property RECEIVED BY: mp	
RECEIVED DATE: 12/16/05	SHIPPING METHOD: FEDEX
TEMP UPON RECEIPT: 5°C	

"No" responses must be explained in the comment section below.

Checklist	YES	NO	NA
Were custody seals on shipping container(s) intact? Check "NA" if no seals, or if containers were hand delivered.			X
Were Chain of Custody Forms included with the samples?	X		
Were Chain of Custody Forms properly filled out (ink, signed, etc.)	X		
Were all containers received in good condition (Check for breakage/leaks)?	X		
Were all containers labeled with required information (Sample Id, date, signed, analysis, preservation)?	X		
Were the correct containers used for the tests indicated?	X		
Were proper preservation techniques indicated?	X		
Were samples received within holding times? If "NO" nonconformance form is required.	X		
Were all VOA bottles checked for the presence of air bubbles? If bubbles were found please note in the comment section.			X
Were samples in direct contact with wet ice?	X		
If "NO" check one: <input type="checkbox"/> Blue Ice <input type="checkbox"/> No Ice	X		
Is sample temperature recorded ?	X		
If "NO" check one: <input type="checkbox"/> Unable to record <input type="checkbox"/> Temp taken near samples	X		
Were pHs of samples checked and recorded on the COC forms?			X
Did the laboratory accept samples?	X		
Will samples be subcontracted? If "yes" list subcontractor and tests in specified sections below.		X	
Subcontractor:	Date Sent Out:		
Analyses Sent:			

Login Technician: (mp)	Login Review:
Comments:	
Full SVOC + ASP CAT B DATA PACKAGE w/ EPA	
Methods per Nelson Abrams. (12/16/05)	



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

Laboratory Report

Report Date 12/30/2005
Workorder No. 0512-00274

Customer: Metcalf & Eddy Associates
1140 Route 22 East
Suite 101
Bridgewater, NJ 08807

Attention: Mr. Nelson Abrams

Subject: DDC-LEVINE PROPERTY: SOIL

Sample: 001 LPB-10 5-7

Collection Date: 12/16/2005 Time: 9:10:00AM

Matrix: SOIL

Received Date: 12/20/2005 Time: 10:30:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							1
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
Chloromethane	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
Bromomethane	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
Chloroethane	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
Acrolein	EPA 8260B	ND	ug/Kg	54	MVP	12/27/2005 / 9:53	
Acetone	EPA 8260B	ND	ug/Kg	54	MVP	12/27/2005 / 9:53	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
Iodomethane	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	54	MVP	12/27/2005 / 9:53	
Methylene Chloride	EPA 8260B	ND	ug/Kg	43	MVP	12/27/2005 / 9:53	
Acrylonitrile	EPA 8260B	ND	ug/Kg	54	MVP	12/27/2005 / 9:53	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	54	MVP	12/27/2005 / 9:53	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	54	MVP	12/27/2005 / 9:53	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
Chloroform	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
Bromochloromethane	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 001 LPB-10 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
Benzene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
Trichloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	54	MVP	12/27/2005 / 9:53	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	54	MVP	12/27/2005 / 9:53	
Toluene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
2-Hexanone	EPA 8260B	ND	ug/Kg	54	MVP	12/27/2005 / 9:53	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
Chlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
Ethylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
M & P XYLENE	EPA 8260B	ND	ug/Kg	22	MVP	12/27/2005 / 9:53	
O-XYLENE	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
Styrene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
Bromoform	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
Bromobenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 2 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 001 LPB-10 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
Naphthalene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 9:53	
DIBROMOFLUOROMETHANE (SURR)		100	%		MVP	12/27/2005 / 9:53	
TOLUENE-D8 (SURROGATE)		98.3	%		MVP	12/27/2005 / 9:53	
4-BROMOFLUOROBENZENE (SURR)		103	%		MVP	12/27/2005 / 9:53	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
Phenol	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
Hexachloroethane	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	410	TLL	12/28/2005 / 14:16	
Nitrobenzene	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
Isophorone	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
bis (2-Chloroethoxy)	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 001 LPB-10 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Naphthalene	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
Acenaphthylene	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
Acenaphthene	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
Dibenzofuran	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
Fluorene	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
Phenanthrene	EPA 8270C	290	ug/Kg	210	TLL	12/28/2005 / 14:16	
Anthracene	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
Carbazole	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
Fluoranthene	EPA 8270C	360	ug/Kg	210	TLL	12/28/2005 / 14:16	
Benzidine	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 001 LPB-10 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Pyrene	EPA 8270C	430	ug/Kg	210	TLL	12/28/2005 / 14:16	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
Benzo(a)anthracene	EPA 8270C	220	ug/Kg	210	TLL	12/28/2005 / 14:16	
Chrysene	EPA 8270C	210	ug/Kg	210	TLL	12/28/2005 / 14:16	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
Benzo(b)fluoranthene	EPA 8270C	240	ug/Kg	210	TLL	12/28/2005 / 14:16	
Benzo(k)fluoranthene	EPA 8270C	260	ug/Kg	210	TLL	12/28/2005 / 14:16	
Benzo(a)pyrene	EPA 8270C	280	ug/Kg	210	TLL	12/28/2005 / 14:16	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	210	TLL	12/28/2005 / 14:16	
2-FLUOROPHENOL (SURR)		63.1	%		TLL	12/28/2005 / 14:16	
PHENOL-D5 (SURR)		72.9	%		TLL	12/28/2005 / 14:16	
NITROBENZENE-D5 (SURR)		61.5	%		TLL	12/28/2005 / 14:16	
2-FLUOROBIPHENYL (SURR)		48.0	%		TLL	12/28/2005 / 14:16	
2,4,6-TRIBROMOPHENOL (SURR)		69.8	%		TLL	12/28/2005 / 14:16	
TERPHENYL-D14 (SURR)		66.8	%		TLL	12/28/2005 / 14:16	
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/Kg	2.10	MVP	12/26/2005 / 14:39	
beta-BHC	EPA 8081A	ND	ug/Kg	2.10	MVP	12/26/2005 / 14:39	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	2.10	MVP	12/26/2005 / 14:39	
delta-BHC	EPA 8081A	ND	ug/Kg	2.10	MVP	12/26/2005 / 14:39	
Heptachlor	EPA 8081A	ND	ug/Kg	2.10	MVP	12/26/2005 / 14:39	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	2.10	MVP	12/26/2005 / 14:39	
Aldrin	EPA 8081A	ND	ug/Kg	2.10	MVP	12/26/2005 / 14:39	
Dieldrin	EPA 8081A	ND	ug/Kg	2.10	MVP	12/26/2005 / 14:39	
Endrin	EPA 8081A	ND	ug/Kg	2.10	MVP	12/26/2005 / 14:39	
4,4'-DDD	EPA 8081A	ND	ug/Kg	2.10	MVP	12/26/2005 / 14:39	
4,4'-DDE	EPA 8081A	ND	ug/Kg	2.10	MVP	12/26/2005 / 14:39	
4,4'-DDT	EPA 8081A	ND	ug/Kg	2.10	MVP	12/26/2005 / 14:39	
Endosulfan I	EPA 8081A	ND	ug/Kg	2.10	MVP	12/26/2005 / 14:39	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 001 LPB-10 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Endosulfan II	EPA 8081A	ND	ug/Kg	2.10	MVP	12/26/2005 / 14:39	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	2.10	MVP	12/26/2005 / 14:39	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	2.10	MVP	12/26/2005 / 14:39	
Methoxychlor	EPA 8081A	ND	ug/Kg	2.10	MVP	12/26/2005 / 14:39	
Endrin Ketone	EPA 8081A	ND	ug/Kg	2.10	MVP	12/26/2005 / 14:39	
Chlordane	EPA 8081A	ND	ug/Kg	41.9	MVP	12/26/2005 / 14:39	
Toxaphene	EPA 8081A	ND	ug/Kg	41.9	MVP	12/26/2005 / 14:39	
TCMX (SURROGATE)		38.9	%		MVP	12/26/2005 / 14:39	
DCB (SURROGATE)		31.9	%		MVP	12/26/2005 / 14:39	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	41.9	MVP	12/27/2005 / 10:51	
PCB-1221	EPA 8082	ND	ug/Kg	41.9	MVP	12/27/2005 / 10:51	
PCB-1232	EPA 8082	ND	ug/Kg	41.9	MVP	12/27/2005 / 10:51	
PCB-1242	EPA 8082	ND	ug/Kg	41.9	MVP	12/27/2005 / 10:51	
PCB-1248	EPA 8082	ND	ug/Kg	41.9	MVP	12/27/2005 / 10:51	
PCB-1254	EPA 8082	ND	ug/Kg	41.9	MVP	12/27/2005 / 10:51	
PCB-1260	EPA 8082	ND	ug/Kg	41.9	MVP	12/27/2005 / 10:51	
PCB-1262	EPA 8082	ND	ug/Kg	41.9	MVP	12/27/2005 / 10:51	
PCB-1268	EPA 8082	ND	ug/Kg	41.9	MVP	12/27/2005 / 10:51	
TCMX (SURROGATE)		34.1	%		MVP	12/27/2005 / 12:07	
DCB (SURROGATE)		33.8	%		MVP	12/27/2005 / 12:07	
Target Analyte List Metals							
Antimony	6010B, SW-846	6.00	mg/Kg	2.39	JS	12/27/2005 / 1:00	
Aluminum	6010B, SW-846	2460	mg/Kg	23.9	JS	12/27/2005 / 1:00	
Arsenic	6010B, SW-846	18.1	mg/Kg	1.19	JS	12/27/2005 / 1:00	
Barium	6010B, SW-846	69.6	mg/Kg	3.6	JS	12/27/2005 / 1:00	
Beryllium	6010B, SW-846	ND	mg/Kg	0.358	JS	12/27/2005 / 1:00	
Cadmium	6010B, SW-846	0.458	mg/Kg	0.358	JS	12/27/2005 / 1:00	
Chromium	6010B, SW-846	10.9	mg/Kg	1.19	JS	12/27/2005 / 1:00	
Calcium	6010B, SW-846	2490	mg/Kg	179	JS	12/27/2005 / 1:00	
Iron	6010B, SW-846	21900	mg/Kg	11.9	JS	12/27/2005 / 1:00	B1
Cobalt	6010B, SW-846	7.04	mg/Kg	5.96	JS	12/27/2005 / 1:00	
Copper	6010B, SW-846	649	mg/Kg	5.96	JS	12/27/2005 / 1:00	
Lead	6010B, SW-846	213	mg/Kg	3.58	JS	12/27/2005 / 1:00	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 001 LPB-10 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Magnesium	6010B, SW-846	640	mg/Kg	143	JS	12/27/2005 / 1:00	
Manganese	6010B, SW-846	178	mg/Kg	1.79	JS	12/27/2005 / 1:00	
Mercury	SW-846; 7471	0.521	mg/Kg	0.0402	JRH	12/23/2005 / 20:15	
Nickel	6010B, SW-846	18.9	mg/Kg	4.77	JS	12/27/2005 / 1:00	
Vanadium	6010B, SW-846	13.5	mg/Kg	5.96	JS	12/27/2005 / 1:00	
Selenium	6010B, SW-846	ND	mg/Kg	2.39	JS	12/27/2005 / 1:00	
Potassium	6010B, SW-846	394	mg/Kg	179	JS	12/27/2005 / 1:00	
Silver	6010B, SW-846	0.647	mg/Kg	0.60	JS	12/27/2005 / 1:00	
Sodium	6010B, SW-846	ND	mg/Kg	179	JS	12/27/2005 / 1:00	
Thallium	6010B, SW-846	ND	mg/Kg	2.39	JS	12/27/2005 / 1:00	
Zinc	6010B, SW-846	173	mg/Kg	5.96	JS	12/27/2005 / 1:00	
Percent Solids		79.1	%		AM	12/22/2005 / 8:03	
PCB OIL/SOIL EXTRACTIONS		30.15			MEW	12/23/2005 / 8:14	
Flame/ICP Solid Digestion	EPA 3050B	94.3396			AM	12/21/2005 / 15:52	

Sample: 002 LPB-10 7-9
Collection Date: 12/16/2005 Time: 9:25:00AM
Matrix: SOIL

Received Date: 12/20/2005 Time: 10:30:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
Chloromethane	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
Bromomethane	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
Chloroethane	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
Acrolein	EPA 8260B	ND	ug/Kg	47	MVP	12/27/2005 / 10:26	
Acetone	EPA 8260B	ND	ug/Kg	47	MVP	12/27/2005 / 10:26	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
Iodomethane	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	47	MVP	12/27/2005 / 10:26	
Methylene Chloride	EPA 8260B	ND	ug/Kg	37	MVP	12/27/2005 / 10:26	
Acrylonitrile	EPA 8260B	ND	ug/Kg	47	MVP	12/27/2005 / 10:26	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744
ND = Not Detected PQL= Practical Quantitation Limit

Page: 7 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 002 LPB-10 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
2-Butanone (MEK)	EPA 8260B	ND	ug/Kg	47	MVP	12/27/2005 / 10:26	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	47	MVP	12/27/2005 / 10:26	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
Chloroform	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
Bromochloromethane	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
Benzene	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
Trichloroethylene	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	47	MVP	12/27/2005 / 10:26	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	47	MVP	12/27/2005 / 10:26	
Toluene	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
2-Hexanone	EPA 8260B	ND	ug/Kg	47	MVP	12/27/2005 / 10:26	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
Chlorobenzene	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
Ethylbenzene	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
M & P XYLENE	EPA 8260B	ND	ug/Kg	19	MVP	12/27/2005 / 10:26	
O-XYLENE	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
Styrene	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 002 LPB-10 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Bromoform	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
Bromobenzene	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
Naphthalene	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9.3	MVP	12/27/2005 / 10:26	
DIBROMOFLUOROMETHANE (SURR)		109	%		MVP	12/27/2005 / 10:26	
TOLUENE-D8 (SURROGATE)		95.9	%		MVP	12/27/2005 / 10:26	
4-BROMOFLUOROBENZENE (SURR)		33.1	%		MVP	12/27/2005 / 10:26	GX
B/NA Extractables Sol							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
Phenol	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 002 LPB-10 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
Hexachloroethane	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	390	TLL	12/28/2005 / 14:56	
Nitrobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
Isophorone	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
bis (2-Chloroethoxy)	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
Naphthalene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
Acenaphthylene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
Acenaphthene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
Dibenzofuran	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
Fluorene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 002 LPB-10 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
Phenanthrene	EPA 8270C	320	ug/Kg	190	TLL	12/28/2005 / 14:56	
Anthracene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
Carbazole	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
Fluoranthene	EPA 8270C	410	ug/Kg	190	TLL	12/28/2005 / 14:56	
Benzidine	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
Pyrene	EPA 8270C	490	ug/Kg	190	TLL	12/28/2005 / 14:56	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
Benzo(a)anthracene	EPA 8270C	260	ug/Kg	190	TLL	12/28/2005 / 14:56	
Chrysene	EPA 8270C	260	ug/Kg	190	TLL	12/28/2005 / 14:56	
bis(2-Ethylhexyl)phthalate	EPA 8270C	430	ug/Kg	190	TLL	12/28/2005 / 14:56	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
Benzo(b)fluoranthene	EPA 8270C	270	ug/Kg	190	TLL	12/28/2005 / 14:56	
Benzo(k)fluoranthene	EPA 8270C	280	ug/Kg	190	TLL	12/28/2005 / 14:56	
Benzo(a)pyrene	EPA 8270C	290	ug/Kg	190	TLL	12/28/2005 / 14:56	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 14:56	
2-FLUOROPHENOL (SURR)		68.4	%		TLL	12/28/2005 / 14:56	
PHENOL-D5 (SURR)		75.6	%		TLL	12/28/2005 / 14:56	
NITROBENZENE-D5 (SURR)		67.0	%		TLL	12/28/2005 / 14:56	
2-FLUOROBIPHENYL (SURR)		52.0	%		TLL	12/28/2005 / 14:56	
2,4,6-TRIBROMOPHENOL (SURR)		58.6	%		TLL	12/28/2005 / 14:56	
TERPHENYL-D14 (SURR)		68.4	%		TLL	12/28/2005 / 14:56	
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/Kg	1.98	MVP	12/26/2005 / 14:39	
beta-BHC	EPA 8081A	ND	ug/Kg	1.98	MVP	12/26/2005 / 14:39	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 11 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 002 LPB-10 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	1.98	MVP	12/26/2005 / 14:39	
delta-BHC	EPA 8081A	ND	ug/Kg	1.98	MVP	12/26/2005 / 14:39	
Heptachlor	EPA 8081A	ND	ug/Kg	1.98	MVP	12/26/2005 / 14:39	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	1.98	MVP	12/26/2005 / 14:39	
Aldrin	EPA 8081A	ND	ug/Kg	1.98	MVP	12/26/2005 / 14:39	
Dieldrin	EPA 8081A	ND	ug/Kg	1.98	MVP	12/26/2005 / 14:39	
Endrin	EPA 8081A	ND	ug/Kg	1.98	MVP	12/26/2005 / 14:39	
4,4'-DDD	EPA 8081A	ND	ug/Kg	1.98	MVP	12/26/2005 / 14:39	
4,4'-DDE	EPA 8081A	ND	ug/Kg	1.98	MVP	12/26/2005 / 14:39	
4,4'-DDT	EPA 8081A	ND	ug/Kg	1.98	MVP	12/26/2005 / 14:39	
Endosulfan I	EPA 8081A	ND	ug/Kg	1.98	MVP	12/26/2005 / 14:39	
Endosulfan II	EPA 8081A	ND	ug/Kg	1.98	MVP	12/26/2005 / 14:39	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	1.98	MVP	12/26/2005 / 14:39	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	1.98	MVP	12/26/2005 / 14:39	
Methoxychlor	EPA 8081A	ND	ug/Kg	1.98	MVP	12/26/2005 / 14:39	
Endrin Ketone	EPA 8081A	ND	ug/Kg	1.98	MVP	12/26/2005 / 14:39	
Chlordane	EPA 8081A	ND	ug/Kg	39.6	MVP	12/26/2005 / 14:39	
Toxaphene	EPA 8081A	ND	ug/Kg	39.6	MVP	12/26/2005 / 14:39	
TCMX (SURROGATE)		41.0	%		MVP	12/26/2005 / 14:39	
DCB (SURROGATE)		39.0	%		MVP	12/26/2005 / 14:39	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	39.6	MVP	12/27/2005 / 10:51	
PCB-1221	EPA 8082	ND	ug/Kg	39.6	MVP	12/27/2005 / 10:51	
PCB-1232	EPA 8082	ND	ug/Kg	39.6	MVP	12/27/2005 / 10:51	
PCB-1242	EPA 8082	ND	ug/Kg	39.6	MVP	12/27/2005 / 10:51	
PCB-1248	EPA 8082	ND	ug/Kg	39.6	MVP	12/27/2005 / 10:51	
PCB-1254	EPA 8082	ND	ug/Kg	39.6	MVP	12/27/2005 / 10:51	
PCB-1260	EPA 8082	ND	ug/Kg	39.6	MVP	12/27/2005 / 10:51	
PCB-1262	EPA 8082	ND	ug/Kg	39.6	MVP	12/27/2005 / 10:51	
PCB-1268	EPA 8082	ND	ug/Kg	39.6	MVP	12/27/2005 / 10:51	
TCMX (SURROGATE)		34.3	%		MVP	12/27/2005 / 12:27	
DCB (SURROGATE)		41.2	%		MVP	12/27/2005 / 12:27	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.21	JS	12/27/2005 / 1:00	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 12 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 002 LPB-10 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Aluminum	6010B, SW-846	2060	mg/Kg	22.1	JS	12/27/2005 / 1:00	
Arsenic	6010B, SW-846	8.13	mg/Kg	1.11	JS	12/27/2005 / 1:00	
Barium	6010B, SW-846	39.2	mg/Kg	3.3	JS	12/27/2005 / 1:00	
Beryllium	6010B, SW-846	ND	mg/Kg	0.332	JS	12/27/2005 / 1:00	
Cadmium	6010B, SW-846	ND	mg/Kg	0.332	JS	12/27/2005 / 1:00	
Chromium	6010B, SW-846	10.2	mg/Kg	1.11	JS	12/27/2005 / 1:00	
Calcium	6010B, SW-846	1760	mg/Kg	166	JS	12/27/2005 / 1:00	
Iron	6010B, SW-846	8530	mg/Kg	11.1	JS	12/27/2005 / 1:00	B1
Cobalt	6010B, SW-846	ND	mg/Kg	5.53	JS	12/27/2005 / 1:00	
Copper	6010B, SW-846	29.9	mg/Kg	5.53	JS	12/27/2005 / 1:00	
Lead	6010B, SW-846	41.9	mg/Kg	3.32	JS	12/27/2005 / 1:00	
Magnesium	6010B, SW-846	528	mg/Kg	133	JS	12/27/2005 / 1:00	
Manganese	6010B, SW-846	99.0	mg/Kg	1.66	JS	12/27/2005 / 1:00	
Mercury	SW-846; 7471	0.558	mg/Kg	0.0380	JRH	12/23/2005 / 20:15	
Nickel	6010B, SW-846	12.5	mg/Kg	4.42	JS	12/27/2005 / 1:00	
Vanadium	6010B, SW-846	11.7	mg/Kg	5.53	JS	12/27/2005 / 1:00	
Selenium	6010B, SW-846	ND	mg/Kg	2.21	JS	12/27/2005 / 1:00	
Potassium	6010B, SW-846	431	mg/Kg	166	JS	12/27/2005 / 1:00	
Silver	6010B, SW-846	ND	mg/Kg	0.55	JS	12/27/2005 / 1:00	
Sodium	6010B, SW-846	ND	mg/Kg	166	JS	12/27/2005 / 1:00	
Thallium	6010B, SW-846	ND	mg/Kg	2.21	JS	12/27/2005 / 1:00	
Zinc	6010B, SW-846	106	mg/Kg	5.53	JS	12/27/2005 / 1:00	
Percent Solids		83.7	%		AM	12/22/2005 / 8:03	
PCB OIL/SOIL EXTRACTIONS		30.16			MEW	12/23/2005 / 8:14	
Flame/ICP Solid Digestion	EPA 3050B	92.5926			AM	12/21/2005 / 15:52	

Sample: 003 LPB-18 5-7

Collection Date: 12/16/2005 Time: 8:35:00AM

Matrix: SOIL

Received Date: 12/20/2005 Time: 10:30:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 13 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 003 LPB-18 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Chloromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
Bromomethane	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
Chloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
Acrolein	EPA 8260B	ND	ug/Kg	52	MVP	12/27/2005 / 10:59	
Acetone	EPA 8260B	ND	ug/Kg	52	MVP	12/27/2005 / 10:59	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
Iodomethane	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	52	MVP	12/27/2005 / 10:59	
Methylene Chloride	EPA 8260B	ND	ug/Kg	42	MVP	12/27/2005 / 10:59	
Acrylonitrile	EPA 8260B	ND	ug/Kg	52	MVP	12/27/2005 / 10:59	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	52	MVP	12/27/2005 / 10:59	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	52	MVP	12/27/2005 / 10:59	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
Chloroform	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
Bromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
Benzene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
Trichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	52	MVP	12/27/2005 / 10:59	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	52	MVP	12/27/2005 / 10:59	
Toluene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 003 LPB-18 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
2-Hexanone	EPA 8260B	ND	ug/Kg	52	MVP	12/27/2005 / 10:59	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
Chlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
Ethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
M & P XYLENE	EPA 8260B	ND	ug/Kg	21	MVP	12/27/2005 / 10:59	
O-XYLENE	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
Styrene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
Bromoform	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
1,1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
Bromobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
Naphthalene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 10:59	
DIBROMOFLUOROMETHANE (SURR)		107	%		MVP	12/27/2005 / 10:59	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 003 LPB-18 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TOLUENE-D8 (SURROGATE)		113	%		MVP	12/27/2005 / 10:59	
4-BROMOFLUOROBENZENE (SURR)		112	%		MVP	12/27/2005 / 10:59	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
Phenol	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
Hexachloroethane	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	390	TLL	12/28/2005 / 15:36	
Nitrobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
Isophorone	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
bis (2-Chloroethoxy)	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
Naphthalene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
Acenaphthylene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 003 LPB-18 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
Acenaphthene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
Dibenzofuran	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
Fluorene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
Phenanthrene	EPA 8270C	240	ug/Kg	190	TLL	12/28/2005 / 15:36	
Anthracene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
Carbazole	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
Fluoranthene	EPA 8270C	240	ug/Kg	190	TLL	12/28/2005 / 15:36	
Benzidine	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
Pyrene	EPA 8270C	300	ug/Kg	190	TLL	12/28/2005 / 15:36	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
Chrysene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 58744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 17 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 003 LPB-18 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	190	TLL	12/28/2005 / 15:36	
2-FLUOROPHENOL (SURR)		67.3	%		TLL	12/28/2005 / 15:36	
PHENOL-D5 (SURR)		76.3	%		TLL	12/28/2005 / 15:36	
NITROBENZENE-D5 (SURR)		68.3	%		TLL	12/28/2005 / 15:36	
2-FLUOROBIPHENYL (SURR)		44.9	%		TLL	12/28/2005 / 15:36	
2,4,6-TRIBROMOPHENOL (SURR)		68.5	%		TLL	12/28/2005 / 15:36	
TERPHENYL-D14 (SURR)		63.0	%		TLL	12/28/2005 / 15:36	
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/Kg	2.00	MVP	12/26/2005 / 14:39	
beta-BHC	EPA 8081A	ND	ug/Kg	2.00	MVP	12/26/2005 / 14:39	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	2.00	MVP	12/26/2005 / 14:39	
delta-BHC	EPA 8081A	ND	ug/Kg	2.00	MVP	12/26/2005 / 14:39	
Heptachlor	EPA 8081A	ND	ug/Kg	2.00	MVP	12/26/2005 / 14:39	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	2.00	MVP	12/26/2005 / 14:39	
Aldrin	EPA 8081A	ND	ug/Kg	2.00	MVP	12/26/2005 / 14:39	
Dieldrin	EPA 8081A	ND	ug/Kg	2.00	MVP	12/26/2005 / 14:39	
Endrin	EPA 8081A	ND	ug/Kg	2.00	MVP	12/26/2005 / 14:39	
4,4'-DDD	EPA 8081A	ND	ug/Kg	2.00	MVP	12/26/2005 / 14:39	
4,4'-DDE	EPA 8081A	ND	ug/Kg	2.00	MVP	12/26/2005 / 14:39	
4,4'-DDT	EPA 8081A	ND	ug/Kg	2.00	MVP	12/26/2005 / 14:39	
Endosulfan I	EPA 8081A	ND	ug/Kg	2.00	MVP	12/26/2005 / 14:39	
Endosulfan II	EPA 8081A	ND	ug/Kg	2.00	MVP	12/26/2005 / 14:39	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	2.00	MVP	12/26/2005 / 14:39	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	2.00	MVP	12/26/2005 / 14:39	
Methoxychlor	EPA 8081A	ND	ug/Kg	2.00	MVP	12/26/2005 / 14:39	
Endrin Ketone	EPA 8081A	ND	ug/Kg	2.00	MVP	12/26/2005 / 14:39	
Chlordane	EPA 8081A	ND	ug/Kg	40.1	MVP	12/26/2005 / 14:39	
Toxaphene	EPA 8081A	ND	ug/Kg	40.1	MVP	12/26/2005 / 14:39	
TCMX (SURROGATE)		48.4	%		MVP	12/26/2005 / 14:39	
DCB (SURROGATE)		32.0	%		MVP	12/26/2005 / 14:39	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	40.1	MVP	12/27/2005 / 10:51	
PCB-1221	EPA 8082	ND	ug/Kg	40.1	MVP	12/27/2005 / 10:51	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 18 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 003 LPB-18 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-1232	EPA 8082	ND	ug/Kg	40.1	MVP	12/27/2005 / 10:51	
PCB-1242	EPA 8082	ND	ug/Kg	40.1	MVP	12/27/2005 / 10:51	
PCB-1248	EPA 8082	ND	ug/Kg	40.1	MVP	12/27/2005 / 10:51	
PCB-1254	EPA 8082	ND	ug/Kg	40.1	MVP	12/27/2005 / 10:51	
PCB-1260	EPA 8082	ND	ug/Kg	40.1	MVP	12/27/2005 / 10:51	
PCB-1262	EPA 8082	ND	ug/Kg	40.1	MVP	12/27/2005 / 10:51	
PCB-1268	EPA 8082	ND	ug/Kg	40.1	MVP	12/27/2005 / 10:51	
TCMX (SURROGATE)		37.6	%		MVP	12/27/2005 / 12:47	
DCB (SURROGATE)		34.4	%		MVP	12/27/2005 / 12:47	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.36	JS	12/27/2005 / 1:00	
Aluminum	6010B, SW-846	9090	mg/Kg	23.6	JS	12/27/2005 / 1:00	
Arsenic	6010B, SW-846	3.20	mg/Kg	1.18	JS	12/27/2005 / 1:00	
Barium	6010B, SW-846	45.1	mg/Kg	3.5	JS	12/27/2005 / 1:00	
Beryllium	6010B, SW-846	ND	mg/Kg	0.354	JS	12/27/2005 / 1:00	
Cadmium	6010B, SW-846	ND	mg/Kg	0.354	JS	12/27/2005 / 1:00	
Chromium	6010B, SW-846	12.7	mg/Kg	1.18	JS	12/27/2005 / 1:00	
Calcium	6010B, SW-846	947	mg/Kg	177	JS	12/27/2005 / 1:00	
Iron	6010B, SW-846	13700	mg/Kg	11.8	JS	12/27/2005 / 1:00	B1
Cobalt	6010B, SW-846	6.40	mg/Kg	5.91	JS	12/27/2005 / 1:00	
Copper	6010B, SW-846	14.0	mg/Kg	5.91	JS	12/27/2005 / 1:00	
Lead	6010B, SW-846	87.1	mg/Kg	3.54	JS	12/27/2005 / 1:00	
Magnesium	6010B, SW-846	2190	mg/Kg	142	JS	12/27/2005 / 1:00	
Manganese	6010B, SW-846	387	mg/Kg	1.77	JS	12/27/2005 / 1:00	
Mercury	SW-846; 7471	0.145	mg/Kg	0.0375	JRH	12/23/2005 / 20:15	
Nickel	6010B, SW-846	13.7	mg/Kg	4.72	JS	12/27/2005 / 1:00	
Vanadium	6010B, SW-846	13.8	mg/Kg	5.91	JS	12/27/2005 / 1:00	
Selenium	6010B, SW-846	ND	mg/Kg	2.36	JS	12/27/2005 / 1:00	
Potassium	6010B, SW-846	702	mg/Kg	177	JS	12/27/2005 / 1:00	
Silver	6010B, SW-846	ND	mg/Kg	0.59	JS	12/27/2005 / 1:00	
Sodium	6010B, SW-846	ND	mg/Kg	177	JS	12/27/2005 / 1:00	
Thallium	6010B, SW-846	ND	mg/Kg	2.36	JS	12/27/2005 / 1:00	
Zinc	6010B, SW-846	63.6	mg/Kg	5.91	JS	12/27/2005 / 1:00	
Percent Solids		83.0	%		AM	12/22/2005 / 8:03	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 19 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 003 LPB-18 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB OIL/SOIL EXTRACTIONS		30.07			MEW	12/23/2005 / 8:14	
Flame/ICP Solid Digestion	EPA 3050B	98.0392			AM	12/21/2005 / 15:52	

Sample: 004 LPB-18 7-9

Collection Date: 12/16/2005 Time: 8:40:00AM

Received Date: 12/20/2005 Time: 10:30:00AM

Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							I
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
Chloromethane	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
Bromomethane	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
Chloroethane	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
Acrolein	EPA 8260B	ND	ug/Kg	50	MVP	12/27/2005 / 11:31	
Acetone	EPA 8260B	119	ug/Kg	50	MVP	12/27/2005 / 11:31	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
Iodomethane	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	50	MVP	12/27/2005 / 11:31	
Methylene Chloride	EPA 8260B	ND	ug/Kg	40	MVP	12/27/2005 / 11:31	
Acrylonitrile	EPA 8260B	ND	ug/Kg	50	MVP	12/27/2005 / 11:31	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	50	MVP	12/27/2005 / 11:31	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	50	MVP	12/27/2005 / 11:31	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
Chloroform	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
Bromochloromethane	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 20 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 004 LPB-18 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Benzene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
Trichloroethylene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	50	MVP	12/27/2005 / 11:31	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	50	MVP	12/27/2005 / 11:31	
Toluene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
2-Hexanone	EPA 8260B	ND	ug/Kg	50	MVP	12/27/2005 / 11:31	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
Chlorobenzene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
Ethylbenzene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
M & P XYLENE	EPA 8260B	ND	ug/Kg	20	MVP	12/27/2005 / 11:31	
O-XYLENE	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
Styrene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
Bromoform	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
Bromobenzene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	

Certifications: MA: MA069 NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 21 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 004 LPB-18 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
Naphthalene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 11:31	
DIBROMOFLUOROMETHANE (SURR)		88.0	%		MVP	12/27/2005 / 11:31	
TOLUENE-D8 (SURROGATE)		102	%		MVP	12/27/2005 / 11:31	
4-BROMOFLUOROBENZENE (SURR)		103	%		MVP	12/27/2005 / 11:31	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
Phenol	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
Hexachloroethane	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	390	TLL	12/28/2005 / 16:16	
Nitrobenzene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
Isophorone	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
bis (2-Chloroethoxy)	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
Naphthalene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 004 LPB-18 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
4-Chloroaniline	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
Acenaphthylene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
Acenaphthene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
Dibenzofuran	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
Fluorene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
Phenanthrene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
Anthracene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
Carbazole	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
Fluoranthene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
Benzidine	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
Pyrene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 23 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 004 LPB-18 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
Chrysene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 16:16	
2-FLUOROPHENOL (SURR)		69.0	%		TLL	12/28/2005 / 16:16	
PHENOL-D5 (SURR)		78.1	%		TLL	12/28/2005 / 16:16	
NITROBENZENE-D5 (SURR)		71.7	%		TLL	12/28/2005 / 16:16	
2-FLUOROBIPHENYL (SURR)		57.8	%		TLL	12/28/2005 / 16:16	
2,4,6-TRIBROMOPHENOL (SURR)		68.9	%		TLL	12/28/2005 / 16:16	
TERPHENYL-D14 (SURR)		68.6	%		TLL	12/28/2005 / 16:16	
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/Kg	1.99	MVP	12/26/2005 / 14:39	
beta-BHC	EPA 8081A	ND	ug/Kg	1.99	MVP	12/26/2005 / 14:39	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	1.99	MVP	12/26/2005 / 14:39	
delta-BHC	EPA 8081A	ND	ug/Kg	1.99	MVP	12/26/2005 / 14:39	
Heptachlor	EPA 8081A	ND	ug/Kg	1.99	MVP	12/26/2005 / 14:39	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	1.99	MVP	12/26/2005 / 14:39	
Aldrin	EPA 8081A	ND	ug/Kg	1.99	MVP	12/26/2005 / 14:39	
Dieldrin	EPA 8081A	ND	ug/Kg	1.99	MVP	12/26/2005 / 14:39	
Endrin	EPA 8081A	ND	ug/Kg	1.99	MVP	12/26/2005 / 14:39	
4,4'-DDD	EPA 8081A	ND	ug/Kg	1.99	MVP	12/26/2005 / 14:39	
4,4'-DDE	EPA 8081A	ND	ug/Kg	1.99	MVP	12/26/2005 / 14:39	
4,4'-DDT	EPA 8081A	ND	ug/Kg	1.99	MVP	12/26/2005 / 14:39	
Endosulfan I	EPA 8081A	ND	ug/Kg	1.99	MVP	12/26/2005 / 14:39	
Endosulfan II	EPA 8081A	ND	ug/Kg	1.99	MVP	12/26/2005 / 14:39	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 24 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 004 LPB-18 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	1.99	MVP	12/26/2005 / 14:39	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	1.99	MVP	12/26/2005 / 14:39	
Methoxychlor	EPA 8081A	ND	ug/Kg	1.99	MVP	12/26/2005 / 14:39	
Endrin Ketone	EPA 8081A	ND	ug/Kg	1.99	MVP	12/26/2005 / 14:39	
Chlordane	EPA 8081A	ND	ug/Kg	39.7	MVP	12/26/2005 / 14:39	
Toxaphene	EPA 8081A	ND	ug/Kg	39.7	MVP	12/26/2005 / 14:39	
TCMX (SURROGATE)		66.7	%		MVP	12/26/2005 / 14:39	
DCB (SURROGATE)		33.4	%		MVP	12/26/2005 / 14:39	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	39.7	MVP	12/27/2005 / 10:51	
PCB-1221	EPA 8082	ND	ug/Kg	39.7	MVP	12/27/2005 / 10:51	
PCB-1232	EPA 8082	ND	ug/Kg	39.7	MVP	12/27/2005 / 10:51	
PCB-1242	EPA 8082	ND	ug/Kg	39.7	MVP	12/27/2005 / 10:51	
PCB-1248	EPA 8082	ND	ug/Kg	39.7	MVP	12/27/2005 / 10:51	
PCB-1254	EPA 8082	ND	ug/Kg	39.7	MVP	12/27/2005 / 10:51	
PCB-1260	EPA 8082	ND	ug/Kg	39.7	MVP	12/27/2005 / 10:51	
PCB-1262	EPA 8082	ND	ug/Kg	39.7	MVP	12/27/2005 / 10:51	
PCB-1268	EPA 8082	ND	ug/Kg	39.7	MVP	12/27/2005 / 10:51	
TCMX (SURROGATE)		56.7	%		MVP	12/27/2005 / 13:07	
DCB (SURROGATE)		21.8	%		MVP	12/27/2005 / 13:07	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.28	JS	12/27/2005 / 1:00	
Aluminum	6010B, SW-846	5760	mg/Kg	22.8	JS	12/27/2005 / 1:00	
Arsenic	6010B, SW-846	3.21	mg/Kg	1.14	JS	12/27/2005 / 1:00	
Barium	6010B, SW-846	12.5	mg/Kg	3.4	JS	12/27/2005 / 1:00	
Beryllium	6010B, SW-846	ND	mg/Kg	0.342	JS	12/27/2005 / 1:00	
Cadmium	6010B, SW-846	ND	mg/Kg	0.342	JS	12/27/2005 / 1:00	
Chromium	6010B, SW-846	7.86	mg/Kg	1.14	JS	12/27/2005 / 1:00	
Calcium	6010B, SW-846	477	mg/Kg	171	JS	12/27/2005 / 1:00	
Iron	6010B, SW-846	12200	mg/Kg	11.4	JS	12/27/2005 / 1:00	B1
Cobalt	6010B, SW-846	ND	mg/Kg	5.70	JS	12/27/2005 / 1:00	
Copper	6010B, SW-846	8.40	mg/Kg	5.70	JS	12/27/2005 / 1:00	
Lead	6010B, SW-846	4.79	mg/Kg	3.42	JS	12/27/2005 / 1:00	
Magnesium	6010B, SW-846	2210	mg/Kg	137	JS	12/27/2005 / 1:00	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 25 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 004 LPB-18 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Manganese	6010B, SW-846	217	mg/Kg	1.71	JS	12/27/2005 / 1:00	
Mercury	SW-846; 7471	ND	mg/Kg	0.0383	JRH	12/23/2005 / 20:15	
Nickel	6010B, SW-846	10.9	mg/Kg	4.56	JS	12/27/2005 / 1:00	
Vanadium	6010B, SW-846	9.52	mg/Kg	5.70	JS	12/27/2005 / 1:00	
Selenium	6010B, SW-846	ND	mg/Kg	2.28	JS	12/27/2005 / 1:00	
Potassium	6010B, SW-846	596	mg/Kg	171	JS	12/27/2005 / 1:00	
Silver	6010B, SW-846	ND	mg/Kg	0.57	JS	12/27/2005 / 1:00	
Sodium	6010B, SW-846	ND	mg/Kg	171	JS	12/27/2005 / 1:00	
Thallium	6010B, SW-846	ND	mg/Kg	2.28	JS	12/27/2005 / 1:00	
Zinc	6010B, SW-846	39.9	mg/Kg	5.70	JS	12/27/2005 / 1:00	
Percent Solids		83.5	%		AM	12/22/2005 / 8:03	
PCB OIL/SOIL EXTRACTIONS		30.15			MEW	12/23/2005 / 8:14	
Flame/ICP Solid Digestion	EPA 3050B	95.2381			AM	12/21/2005 / 15:52	

Sample: 005 LPB-20 5-7
Collection Date: 12/16/2005 Time: 12:30:00PM
Matrix: SOIL

Received Date: 12/20/2005 Time: 10:30:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
Chloromethane	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
Bromomethane	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
Chloroethane	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
Acrolein	EPA 8260B	ND	ug/Kg	49	MVP	12/27/2005 / 12:04	
Acetone	EPA 8260B	ND	ug/Kg	49	MVP	12/27/2005 / 12:04	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
Iodomethane	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	49	MVP	12/27/2005 / 12:04	
Methylene Chloride	EPA 8260B	ND	ug/Kg	39	MVP	12/27/2005 / 12:04	
Acrylonitrile	EPA 8260B	ND	ug/Kg	49	MVP	12/27/2005 / 12:04	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744
ND = Not Detected PQL= Practical Quantitation Limit

Page: 26 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 005 LPB-20 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	49	MVP	12/27/2005 / 12:04	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	49	MVP	12/27/2005 / 12:04	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
Chloroform	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
Bromochloromethane	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
Benzene	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
Trichloroethylene	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	49	MVP	12/27/2005 / 12:04	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	49	MVP	12/27/2005 / 12:04	
Toluene	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
2-Hexanone	EPA 8260B	ND	ug/Kg	49	MVP	12/27/2005 / 12:04	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
Chlorobenzene	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
Ethylbenzene	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
M & P XYLENE	EPA 8260B	ND	ug/Kg	20	MVP	12/27/2005 / 12:04	
O-XYLENE	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
Styrene	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
Bromoform	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744
ND = Not Detected PQL= Practical Quantitation Limit

Page: 27 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 005 LPB-20 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Isopropylbenzene	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
Bromobenzene	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
Naphthalene	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9.9	MVP	12/27/2005 / 12:04	
DIBROMOFLUOROMETHANE (SURR)		100	%		MVP	12/27/2005 / 12:04	
TOLUENE-D8 (SURROGATE)		102	%		MVP	12/27/2005 / 12:04	
4-BROMOFLUOROBENZENE (SURR)		101	%		MVP	12/27/2005 / 12:04	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
Phenol	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 28 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 005 LPB-20 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Hexachloroethane	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	400	TLL	12/29/2005 / 15:34	
Nitrobenzene	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
Isophorone	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
bis (2-Chloroethoxy)	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
Naphthalene	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
Acenaphthylene	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
Acenaphthene	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
Dibenzofuran	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
Fluorene	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 29 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 005 LPB-20 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
Phenanthrene	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
Anthracene	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
Carbazole	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
Fluoranthene	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
Benzidine	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
Pyrene	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
Chrysene	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	200	TLL	12/29/2005 / 15:34	
2-FLUOROPHENOL (SURR)		79.3	%		TLL	12/29/2005 / 15:34	
PHENOL-D5 (SURR)		89.3	%		TLL	12/29/2005 / 15:34	
NITROBENZENE-D5 (SURR)		83.4	%		TLL	12/29/2005 / 15:34	
2-FLUOROBIPHENYL (SURR)		68.4	%		TLL	12/29/2005 / 15:34	
2,4,6-TRIBROMOPHENOL (SURR)		71.1	%		TLL	12/29/2005 / 15:34	
TERPHENYL-D14 (SURR)		70.0	%		TLL	12/29/2005 / 15:34	
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/Kg	1.96	MVP	12/26/2005 / 14:39	
beta-BHC	EPA 8081A	ND	ug/Kg	1.96	MVP	12/26/2005 / 14:39	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	1.96	MVP	12/26/2005 / 14:39	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 30 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 005 LPB-20 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
delta-BHC	EPA 8081A	ND	ug/Kg	1.96	MVP	12/26/2005 / 14:39	
Heptachlor	EPA 8081A	ND	ug/Kg	1.96	MVP	12/26/2005 / 14:39	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	1.96	MVP	12/26/2005 / 14:39	
Aldrin	EPA 8081A	ND	ug/Kg	1.96	MVP	12/26/2005 / 14:39	
Dieldrin	EPA 8081A	ND	ug/Kg	1.96	MVP	12/26/2005 / 14:39	
Endrin	EPA 8081A	ND	ug/Kg	1.96	MVP	12/26/2005 / 14:39	
4,4'-DDD	EPA 8081A	ND	ug/Kg	1.96	MVP	12/26/2005 / 14:39	
4,4'-DDE	EPA 8081A	ND	ug/Kg	1.96	MVP	12/26/2005 / 14:39	
4,4'-DDT	EPA 8081A	ND	ug/Kg	1.96	MVP	12/26/2005 / 14:39	
Endosulfan I	EPA 8081A	ND	ug/Kg	1.96	MVP	12/26/2005 / 14:39	
Endosulfan II	EPA 8081A	ND	ug/Kg	1.96	MVP	12/26/2005 / 14:39	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	1.96	MVP	12/26/2005 / 14:39	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	1.96	MVP	12/26/2005 / 14:39	
Methoxychlor	EPA 8081A	ND	ug/Kg	1.96	MVP	12/26/2005 / 14:39	
Endrin Ketone	EPA 8081A	ND	ug/Kg	1.96	MVP	12/26/2005 / 14:39	
Chlordane	EPA 8081A	ND	ug/Kg	39.2	MVP	12/26/2005 / 14:39	
Toxaphene	EPA 8081A	ND	ug/Kg	39.2	MVP	12/26/2005 / 14:39	
TCMX (SURROGATE)		60.6	%		MVP	12/26/2005 / 14:39	
DCB (SURROGATE)		35.8	%		MVP	12/26/2005 / 14:39	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	39.2	MVP	12/27/2005 / 10:51	
PCB-1221	EPA 8082	ND	ug/Kg	39.2	MVP	12/27/2005 / 10:51	
PCB-1232	EPA 8082	ND	ug/Kg	39.2	MVP	12/27/2005 / 10:51	
PCB-1242	EPA 8082	ND	ug/Kg	39.2	MVP	12/27/2005 / 10:51	
PCB-1248	EPA 8082	ND	ug/Kg	39.2	MVP	12/27/2005 / 10:51	
PCB-1254	EPA 8082	ND	ug/Kg	39.2	MVP	12/27/2005 / 10:51	
PCB-1260	EPA 8082	ND	ug/Kg	39.2	MVP	12/27/2005 / 10:51	
PCB-1262	EPA 8082	ND	ug/Kg	39.2	MVP	12/27/2005 / 10:51	
PCB-1268	EPA 8082	ND	ug/Kg	39.2	MVP	12/27/2005 / 10:51	
TCMX (SURROGATE)		54.3	%		MVP	12/27/2005 / 13:27	
DCB (SURROGATE)		34.7	%		MVP	12/27/2005 / 13:27	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.24	JS	12/27/2005 / 1:00	
Aluminum	6010B, SW-846	8470	mg/Kg	22.4	JS	12/27/2005 / 1:00	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 31 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 005 LPB-20 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Arsenic	6010B, SW-846	2.90	mg/Kg	1.12	JS	12/27/2005 / 1:00	
Barium	6010B, SW-846	19.9	mg/Kg	3.4	JS	12/27/2005 / 1:00	
Beryllium	6010B, SW-846	ND	mg/Kg	0.336	JS	12/27/2005 / 1:00	
Cadmium	6010B, SW-846	ND	mg/Kg	0.336	JS	12/27/2005 / 1:00	
Chromium	6010B, SW-846	11.0	mg/Kg	1.12	JS	12/27/2005 / 1:00	
Calcium	6010B, SW-846	580	mg/Kg	168	JS	12/27/2005 / 1:00	
Iron	6010B, SW-846	13400	mg/Kg	11.2	JS	12/27/2005 / 1:00	B1
Cobalt	6010B, SW-846	ND	mg/Kg	5.60	JS	12/27/2005 / 1:00	
Copper	6010B, SW-846	13.8	mg/Kg	5.60	JS	12/27/2005 / 1:00	
Lead	6010B, SW-846	6.30	mg/Kg	3.36	JS	12/27/2005 / 1:00	
Magnesium	6010B, SW-846	2570	mg/Kg	134	JS	12/27/2005 / 1:00	
Manganese	6010B, SW-846	122	mg/Kg	1.68	JS	12/27/2005 / 1:00	
Mercury	SW-846; 7471	ND	mg/Kg	0.0381	JRH	12/23/2005 / 20:15	
Nickel	6010B, SW-846	11.1	mg/Kg	4.48	JS	12/27/2005 / 1:00	
Vanadium	6010B, SW-846	14.0	mg/Kg	5.60	JS	12/27/2005 / 1:00	
Selenium	6010B, SW-846	ND	mg/Kg	2.24	JS	12/27/2005 / 1:00	
Potassium	6010B, SW-846	637	mg/Kg	168	JS	12/27/2005 / 1:00	
Silver	6010B, SW-846	ND	mg/Kg	0.56	JS	12/27/2005 / 1:00	
Sodium	6010B, SW-846	283	mg/Kg	168	JS	12/27/2005 / 1:00	
Thallium	6010B, SW-846	ND	mg/Kg	2.24	JS	12/27/2005 / 1:00	
Zinc	6010B, SW-846	34.2	mg/Kg	5.60	JS	12/27/2005 / 1:00	
Percent Solids		83.4	%		AM	12/22/2005 / 8:03	
PCB OIL/SOIL EXTRACTIONS		30.56			MEW	12/23/2005 / 8:14	
Flame/ICP Solid Digestion	EPA 3050B	93.4579			AM	12/21/2005 / 15:52	

Sample: 006 LPB-20 7-9

Collection Date: 12/16/2005 Time: 12:45:00PM

Received Date: 12/20/2005 Time: 10:30:00AM

Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
Chloromethane	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 32 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 006 LPB-20 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Bromomethane	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
Chloroethane	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
Acrolein	EPA 8260B	ND	ug/Kg	50	MVP	12/27/2005 / 12:37	
Acetone	EPA 8260B	ND	ug/Kg	50	MVP	12/27/2005 / 12:37	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
Iodomethane	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	50	MVP	12/27/2005 / 12:37	
Methylene Chloride	EPA 8260B	ND	ug/Kg	40	MVP	12/27/2005 / 12:37	
Acrylonitrile	EPA 8260B	ND	ug/Kg	50	MVP	12/27/2005 / 12:37	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	50	MVP	12/27/2005 / 12:37	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	50	MVP	12/27/2005 / 12:37	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
Chloroform	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
Bromochloromethane	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
Benzene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
Trichloroethylene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	50	MVP	12/27/2005 / 12:37	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	50	MVP	12/27/2005 / 12:37	
Toluene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 33 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 006 LPB-20 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2-Hexanone	EPA 8260B	ND	ug/Kg	50	MVP	12/27/2005 / 12:37	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
Chlorobenzene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
Ethylbenzene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
M & P XYLENE	EPA 8260B	ND	ug/Kg	20	MVP	12/27/2005 / 12:37	
O-XYLENE	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
Styrene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
Bromoform	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
Bromobenzene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
Naphthalene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10.0	MVP	12/27/2005 / 12:37	
DIBROMOFLUOROMETHANE (SURR)		104	%		MVP	12/27/2005 / 12:37	
TOLUENE-D8 (SURROGATE)		130	%		MVP	12/27/2005 / 12:37	GX



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 006 LPB-20 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
4-BROMOFLUOROBENZENE (SURR)		137	%		MVP	12/27/2005 / 12:37	GX
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
Phenol	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
Hexachloroethane	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	400	TLL	12/28/2005 / 18:55	
Nitrobenzene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
Isophorone	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
bis (2-Chloroethoxy)	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
Naphthalene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
Acenaphthylene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 35 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 006 LPB-20 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Acenaphthene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
Dibenzofuran	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
Fluorene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
Phenanthrene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
Anthracene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
Carbazole	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
Fluoranthene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
Benzydine	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
Pyrene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
Chrysene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	200	TLL	12/28/2005 / 18:55	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 36 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 006 LPB-20 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2-FLUOROPHENOL (SURR)		62.5	%		TLL	12/28/2005 / 18:55	
PHENOL-D5 (SURR)		76.3	%		TLL	12/28/2005 / 18:55	
NITROBENZENE-D5 (SURR)		71.9	%		TLL	12/28/2005 / 18:55	
2-FLUOROBIPHENYL (SURR)		71.5	%		TLL	12/28/2005 / 18:55	
2,4,6-TRIBROMOPHENOL (SURR)		79.2	%		TLL	12/28/2005 / 18:55	
TERPHENYL-D14 (SURR)		98.0	%		TLL	12/28/2005 / 18:55	
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/Kg	1.98	MVP	12/26/2005 / 14:39	
beta-BHC	EPA 8081A	ND	ug/Kg	1.98	MVP	12/26/2005 / 14:39	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	1.98	MVP	12/26/2005 / 14:39	
delta-BHC	EPA 8081A	ND	ug/Kg	1.98	MVP	12/26/2005 / 14:39	
Heptachlor	EPA 8081A	ND	ug/Kg	1.98	MVP	12/26/2005 / 14:39	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	1.98	MVP	12/26/2005 / 14:39	
Aldrin	EPA 8081A	ND	ug/Kg	1.98	MVP	12/26/2005 / 14:39	
Dieldrin	EPA 8081A	ND	ug/Kg	1.98	MVP	12/26/2005 / 14:39	
Endrin	EPA 8081A	ND	ug/Kg	1.98	MVP	12/26/2005 / 14:39	
4,4'-DDD	EPA 8081A	ND	ug/Kg	1.98	MVP	12/26/2005 / 14:39	
4,4'-DDE	EPA 8081A	ND	ug/Kg	1.98	MVP	12/26/2005 / 14:39	
4,4'-DDT	EPA 8081A	ND	ug/Kg	1.98	MVP	12/26/2005 / 14:39	
Endosulfan I	EPA 8081A	ND	ug/Kg	1.98	MVP	12/26/2005 / 14:39	
Endosulfan II	EPA 8081A	ND	ug/Kg	1.98	MVP	12/26/2005 / 14:39	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	1.98	MVP	12/26/2005 / 14:39	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	1.98	MVP	12/26/2005 / 14:39	
Methoxychlor	EPA 8081A	ND	ug/Kg	1.98	MVP	12/26/2005 / 14:39	
Endrin Ketone	EPA 8081A	ND	ug/Kg	1.98	MVP	12/26/2005 / 14:39	
Chlordane	EPA 8081A	ND	ug/Kg	39.5	MVP	12/26/2005 / 14:39	
Toxaphene	EPA 8081A	ND	ug/Kg	39.5	MVP	12/26/2005 / 14:39	
TCMX (SURROGATE)		84.5	%		MVP	12/26/2005 / 14:39	
DCB (SURROGATE)		61.3	%		MVP	12/26/2005 / 14:39	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	39.5	MVP	12/27/2005 / 10:51	
PCB-1221	EPA 8082	ND	ug/Kg	39.5	MVP	12/27/2005 / 10:51	
PCB-1232	EPA 8082	ND	ug/Kg	39.5	MVP	12/27/2005 / 10:51	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 37 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 006 LPB-20 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-1242	EPA 8082	ND	ug/Kg	39.5	MVP	12/27/2005 / 10:51	
PCB-1248	EPA 8082	ND	ug/Kg	39.5	MVP	12/27/2005 / 10:51	
PCB-1254	EPA 8082	ND	ug/Kg	39.5	MVP	12/27/2005 / 10:51	
PCB-1260	EPA 8082	ND	ug/Kg	39.5	MVP	12/27/2005 / 10:51	
PCB-1262	EPA 8082	ND	ug/Kg	39.5	MVP	12/27/2005 / 10:51	
PCB-1268	EPA 8082	ND	ug/Kg	39.5	MVP	12/27/2005 / 10:51	
TCMX (SURROGATE)		76.3	%		MVP	12/27/2005 / 13:47	
DCB (SURROGATE)		71.3	%		MVP	12/27/2005 / 13:47	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.24	JS	12/27/2005 / 1:00	
Aluminum	6010B, SW-846	9200	mg/Kg	22.4	JS	12/27/2005 / 1:00	
Arsenic	6010B, SW-846	4.09	mg/Kg	1.12	JS	12/27/2005 / 1:00	
Barium	6010B, SW-846	20.6	mg/Kg	3.4	JS	12/27/2005 / 1:00	
Beryllium	6010B, SW-846	ND	mg/Kg	0.335	JS	12/27/2005 / 1:00	
Cadmium	6010B, SW-846	ND	mg/Kg	0.335	JS	12/27/2005 / 1:00	
Chromium	6010B, SW-846	13.6	mg/Kg	1.12	JS	12/27/2005 / 1:00	
Calcium	6010B, SW-846	514	mg/Kg	168	JS	12/27/2005 / 1:00	
Iron	6010B, SW-846	16100	mg/Kg	11.2	JS	12/27/2005 / 1:00	B1
Cobalt	6010B, SW-846	ND	mg/Kg	5.59	JS	12/27/2005 / 1:00	
Copper	6010B, SW-846	15.0	mg/Kg	5.59	JS	12/27/2005 / 1:00	
Lead	6010B, SW-846	8.55	mg/Kg	3.35	JS	12/27/2005 / 1:00	
Magnesium	6010B, SW-846	2510	mg/Kg	134	JS	12/27/2005 / 1:00	
Manganese	6010B, SW-846	134	mg/Kg	1.68	JS	12/27/2005 / 1:00	
Mercury	SW-846; 7471	ND	mg/Kg	0.0391	JRH	12/23/2005 / 20:15	
Nickel	6010B, SW-846	12.3	mg/Kg	4.47	JS	12/27/2005 / 1:00	
Vanadium	6010B, SW-846	17.9	mg/Kg	5.59	JS	12/27/2005 / 1:00	
Selenium	6010B, SW-846	ND	mg/Kg	2.24	JS	12/27/2005 / 1:00	
Potassium	6010B, SW-846	670	mg/Kg	168	JS	12/27/2005 / 1:00	
Silver	6010B, SW-846	ND	mg/Kg	0.56	JS	12/27/2005 / 1:00	
Sodium	6010B, SW-846	337	mg/Kg	168	JS	12/27/2005 / 1:00	
Thallium	6010B, SW-846	ND	mg/Kg	2.24	JS	12/27/2005 / 1:00	
Zinc	6010B, SW-846	38.8	mg/Kg	5.59	JS	12/27/2005 / 1:00	
Percent Solids		82.8	%		AM	12/22/2005 / 8:03	
PCB OIL/SOIL EXTRACTIONS		30.56			MEW	12/23/2005 / 8:14	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 38 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 006 LPB-20 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Flame/ICP Solid Digestion	EPA 3050B	92.5926			AM	12/21/2005 / 15:52	

Sample: 007 LPB-1 5-7
Collection Date: 12/19/2005 Time: 9:10:00AM
Matrix: SOIL

Received Date: 12/20/2005 Time: 10:30:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							I
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
Chloromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
Bromomethane	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
Chloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
Acrolein	EPA 8260B	ND	ug/Kg	51	MVP	12/27/2005 / 13:10	
Acetone	EPA 8260B	ND	ug/Kg	51	MVP	12/27/2005 / 13:10	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
Iodomethane	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	51	MVP	12/27/2005 / 13:10	
Methylene Chloride	EPA 8260B	ND	ug/Kg	41	MVP	12/27/2005 / 13:10	
Acrylonitrile	EPA 8260B	ND	ug/Kg	51	MVP	12/27/2005 / 13:10	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	51	MVP	12/27/2005 / 13:10	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	51	MVP	12/27/2005 / 13:10	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
Chloroform	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
Bromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
Benzene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	

Certifications: MA: MA069 NY:10962 CT: PH0119 RI:A45 NJ: 59744
ND = Not Detected PQL= Practical Quantitation Limit

Page: 39 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 007 LPB-1 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
Trichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	51	MVP	12/27/2005 / 13:10	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	51	MVP	12/27/2005 / 13:10	
Toluene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
2-Hexanone	EPA 8260B	ND	ug/Kg	51	MVP	12/27/2005 / 13:10	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
Chlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
Ethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
M & P XYLENE	EPA 8260B	ND	ug/Kg	21	MVP	12/27/2005 / 13:10	
O-XYLENE	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
Styrene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
Bromoform	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
Bromobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 40 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 007 LPB-1 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
Naphthalene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/27/2005 / 13:10	
DIBROMOFLUOROMETHANE (SURR)		101	%		MVP	12/27/2005 / 13:10	
TOLUENE-D8 (SURROGATE)		96.2	%		MVP	12/27/2005 / 13:10	
4-BROMOFLUOROBENZENE (SURR)		74.7	%		MVP	12/27/2005 / 13:10	G1
B/NA Extractables Sol							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
Phenol	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
Hexachloroethane	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	4000	TLL	12/29/2005 / 16:15	
Nitrobenzene	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
Isophorone	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
bis (2-Chloroethoxy)	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
Naphthalene	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 41 of 71



Customer:

Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 007 LPB-1 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
2-Methyl Naphthalene	EPA 8270C	3500	ug/Kg	2000	TLL	12/29/2005 / 16:15	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
Acenaphthylene	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
Acenaphthene	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
Dibenzofuran	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
Fluorene	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
Phenanthrene	EPA 8270C	5400	ug/Kg	2000	TLL	12/29/2005 / 16:15	
Anthracene	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
Carbazole	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
Fluoranthene	EPA 8270C	5100	ug/Kg	2000	TLL	12/29/2005 / 16:15	
Benzidine	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
Pyrene	EPA 8270C	5500	ug/Kg	2000	TLL	12/29/2005 / 16:15	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 42 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 007 LPB-1 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
Benzo(a)anthracene	EPA 8270C	2400	ug/Kg	2000	TLL	12/29/2005 / 16:15	
Chrysene	EPA 8270C	2400	ug/Kg	2000	TLL	12/29/2005 / 16:15	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
Benzo(b)fluoranthene	EPA 8270C	2100	ug/Kg	2000	TLL	12/29/2005 / 16:15	
Benzo(k)fluoranthene	EPA 8270C	2100	ug/Kg	2000	TLL	12/29/2005 / 16:15	
Benzo(a)pyrene	EPA 8270C	2200	ug/Kg	2000	TLL	12/29/2005 / 16:15	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 16:15	
2-FLUOROPHENOL (SURR)		7.8	%		TLL	12/29/2005 / 16:15	
PHENOL-D5 (SURR)		23.5	%		TLL	12/29/2005 / 16:15	
NITROBENZENE-D5 (SURR)		33.4	%		TLL	12/29/2005 / 16:15	
2-FLUOROBIPHENYL (SURR)		43.6	%		TLL	12/29/2005 / 16:15	
2,4,6-TRIBROMOPHENOL (SURR)		35.0	%		TLL	12/29/2005 / 16:15	
TERPHENYL-D14 (SURR)		53.0	%		TLL	12/29/2005 / 16:15	
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/Kg	1.99	MVP	12/26/2005 / 14:39	
beta-BHC	EPA 8081A	ND	ug/Kg	1.99	MVP	12/26/2005 / 14:39	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	1.99	MVP	12/26/2005 / 14:39	
delta-BHC	EPA 8081A	ND	ug/Kg	1.99	MVP	12/26/2005 / 14:39	
Heptachlor	EPA 8081A	ND	ug/Kg	1.99	MVP	12/26/2005 / 14:39	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	1.99	MVP	12/26/2005 / 14:39	
Aldrin	EPA 8081A	ND	ug/Kg	1.99	MVP	12/26/2005 / 14:39	
Dieldrin	EPA 8081A	ND	ug/Kg	1.99	MVP	12/26/2005 / 14:39	
Endrin	EPA 8081A	ND	ug/Kg	1.99	MVP	12/26/2005 / 14:39	
4,4'-DDD	EPA 8081A	ND	ug/Kg	1.99	MVP	12/26/2005 / 14:39	
4,4'-DDE	EPA 8081A	ND	ug/Kg	1.99	MVP	12/26/2005 / 14:39	
4,4'-DDT	EPA 8081A	ND	ug/Kg	1.99	MVP	12/26/2005 / 14:39	
Endosulfan I	EPA 8081A	ND	ug/Kg	1.99	MVP	12/26/2005 / 14:39	
Endosulfan II	EPA 8081A	ND	ug/Kg	1.99	MVP	12/26/2005 / 14:39	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	1.99	MVP	12/26/2005 / 14:39	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 43 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 007 LPB-1 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	1.99	MVP	12/26/2005 / 14:39	
Methoxychlor	EPA 8081A	ND	ug/Kg	1.99	MVP	12/26/2005 / 14:39	
Endrin Ketone	EPA 8081A	ND	ug/Kg	1.99	MVP	12/26/2005 / 14:39	
Chlordane	EPA 8081A	ND	ug/Kg	39.9	MVP	12/26/2005 / 14:39	
Toxaphene	EPA 8081A	ND	ug/Kg	39.9	MVP	12/26/2005 / 14:39	
TCMX (SURROGATE)		59.4	%		MVP	12/26/2005 / 14:39	
DCB (SURROGATE)		60.0	%		MVP	12/26/2005 / 14:39	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	39.9	MVP	12/27/2005 / 14:48	
PCB-1221	EPA 8082	ND	ug/Kg	39.9	MVP	12/27/2005 / 10:51	
PCB-1232	EPA 8082	ND	ug/Kg	39.9	MVP	12/27/2005 / 10:51	
PCB-1242	EPA 8082	ND	ug/Kg	39.9	MVP	12/27/2005 / 10:51	
PCB-1248	EPA 8082	ND	ug/Kg	39.9	MVP	12/27/2005 / 10:51	
PCB-1254	EPA 8082	ND	ug/Kg	39.9	MVP	12/27/2005 / 10:51	
PCB-1260	EPA 8082	ND	ug/Kg	39.9	MVP	12/27/2005 / 14:48	
PCB-1262	EPA 8082	ND	ug/Kg	39.9	MVP	12/27/2005 / 10:51	
PCB-1268	EPA 8082	ND	ug/Kg	39.9	MVP	12/27/2005 / 10:51	
TCMX (SURROGATE)		43.5	%		MVP	12/27/2005 / 14:48	
DCB (SURROGATE)		38.4	%		MVP	12/27/2005 / 14:48	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.28	JS	12/27/2005 / 1:00	
Aluminum	6010B, SW-846	6040	mg/Kg	22.8	JS	12/27/2005 / 1:00	
Arsenic	6010B, SW-846	7.37	mg/Kg	1.14	JS	12/27/2005 / 1:00	
Barium	6010B, SW-846	165	mg/Kg	3.4	JS	12/27/2005 / 1:00	
Beryllium	6010B, SW-846	ND	mg/Kg	0.342	JS	12/27/2005 / 1:00	
Cadmium	6010B, SW-846	0.629	mg/Kg	0.342	JS	12/27/2005 / 1:00	
Chromium	6010B, SW-846	15.5	mg/Kg	1.14	JS	12/27/2005 / 1:00	
Calcium	6010B, SW-846	16600	mg/Kg	171	JS	12/27/2005 / 1:00	
Iron	6010B, SW-846	15400	mg/Kg	11.4	JS	12/27/2005 / 1:00	B1
Cobalt	6010B, SW-846	6.69	mg/Kg	5.70	JS	12/27/2005 / 1:00	
Copper	6010B, SW-846	225	mg/Kg	5.70	JS	12/27/2005 / 1:00	
Lead	6010B, SW-846	181	mg/Kg	3.42	JS	12/27/2005 / 1:00	
Magnesium	6010B, SW-846	4700	mg/Kg	137	JS	12/27/2005 / 1:00	
Manganese	6010B, SW-846	191	mg/Kg	1.71	JS	12/27/2005 / 1:00	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744
ND = Not Detected PQL= Practical Quantitation Limit

Page: 44 of 71



Customer:

Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 007 LPB-1 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Mercury	SW-846; 7471	1.62	mg/Kg	0.0403	JRH	12/23/2005 / 20:32	
Nickel	6010B, SW-846	16.8	mg/Kg	4.56	JS	12/27/2005 / 1:00	
Vanadium	6010B, SW-846	27.1	mg/Kg	5.70	JS	12/27/2005 / 1:00	
Selenium	6010B, SW-846	ND	mg/Kg	2.28	JS	12/27/2005 / 1:00	
Potassium	6010B, SW-846	820	mg/Kg	171	JS	12/27/2005 / 1:00	
Silver	6010B, SW-846	0.774	mg/Kg	0.57	JS	12/27/2005 / 1:00	
Sodium	6010B, SW-846	303	mg/Kg	171	JS	12/27/2005 / 1:00	
Thallium	6010B, SW-846	ND	mg/Kg	2.28	JS	12/27/2005 / 1:00	
Zinc	6010B, SW-846	358	mg/Kg	5.70	JS	12/27/2005 / 1:00	
Percent Solids		82.0	%		AM	12/22/2005 / 8:03	
PCB OIL/SOIL EXTRACTIONS		30.57			MEW	12/23/2005 / 8:14	
Flame/ICP Solid Digestion	EPA 3050B	93.4579			AM	12/21/2005 / 15:52	

Sample: 008 LPB-1 7-9
Collection Date: 12/19/2005 Time: 9:20:00AM
Matrix: SOIL

Received Date: 12/20/2005 Time: 10:30:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
Chloromethane	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
Bromomethane	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
Chloroethane	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
Acrolein	EPA 8260B	ND	ug/Kg	47	MVP	12/27/2005 / 13:43	
Acetone	EPA 8260B	53.2	ug/Kg	47	MVP	12/27/2005 / 13:43	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
Iodomethane	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	47	MVP	12/27/2005 / 13:43	
Methylene Chloride	EPA 8260B	ND	ug/Kg	37	MVP	12/27/2005 / 13:43	
Acrylonitrile	EPA 8260B	ND	ug/Kg	47	MVP	12/27/2005 / 13:43	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744
ND = Not Detected PQL= Practical Quantitation Limit

Page: 45 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 008 LPB-1 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	47	MVP	12/27/2005 / 13:43	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	47	MVP	12/27/2005 / 13:43	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
Chloroform	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
Bromochloromethane	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
Benzene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
Trichloroethylene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	47	MVP	12/27/2005 / 13:43	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	47	MVP	12/27/2005 / 13:43	
Toluene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
2-Hexanone	EPA 8260B	ND	ug/Kg	47	MVP	12/27/2005 / 13:43	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
Chlorobenzene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
Ethylbenzene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
M & P XYLENE	EPA 8260B	ND	ug/Kg	19	MVP	12/27/2005 / 13:43	
O-XYLENE	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
Styrene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
Bromoform	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744
ND = Not Detected PQL= Practical Quantitation Limit

Page: 46 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 008 LPB-1 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
Bromobenzene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
Naphthalene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/27/2005 / 13:43	
DIBROMOFLUOROMETHANE (SURR)		99.2	%		MVP	12/27/2005 / 13:43	
TOLUENE-D8 (SURROGATE)		97.7	%		MVP	12/27/2005 / 13:43	
4-BROMOFLUOROBENZENE (SURR)		83.7	%		MVP	12/27/2005 / 13:43	
B/NA Extractables Soil							
bis(2-Chloroethyl) ether	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
Phenol	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
Hexachloroethane	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744
ND = Not Detected PQL= Practical Quantitation Limit



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 008 LPB-1 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 16:55	
Nitrobenzene	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
Isophorone	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
bis (2-Chloroethoxy)	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
Naphthalene	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
Acenaphthylene	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
Acenaphthene	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
Dibenzofuran	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
Fluorene	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 48 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 008 LPB-1 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
Phenanthrene	EPA 8270C	2900	ug/Kg	970	TLL	12/29/2005 / 16:55	
Anthracene	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
Carbazole	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
Fluoranthene	EPA 8270C	3600	ug/Kg	970	TLL	12/29/2005 / 16:55	
Benzidine	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
Pyrene	EPA 8270C	4000	ug/Kg	970	TLL	12/29/2005 / 16:55	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
Benzo(a)anthracene	EPA 8270C	1700	ug/Kg	970	TLL	12/29/2005 / 16:55	
Chrysene	EPA 8270C	1700	ug/Kg	970	TLL	12/29/2005 / 16:55	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
Benzo(b)fluoranthene	EPA 8270C	1800	ug/Kg	970	TLL	12/29/2005 / 16:55	
Benzo(k)fluoranthene	EPA 8270C	1500	ug/Kg	970	TLL	12/29/2005 / 16:55	
Benzo(a)pyrene	EPA 8270C	1700	ug/Kg	970	TLL	12/29/2005 / 16:55	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	970	TLL	12/29/2005 / 16:55	
2-FLUOROPHENOL (SURR)		46.9	%		TLL	12/29/2005 / 16:55	
PHENOL-D5 (SURR)		56.8	%		TLL	12/29/2005 / 16:55	
NITROBENZENE-D5 (SURR)		42.5	%		TLL	12/29/2005 / 16:55	
2-FLUOROBIPHENYL (SURR)		49.8	%		TLL	12/29/2005 / 16:55	
2,4,6-TRIBROMOPHENOL (SURR)		67.2	%		TLL	12/29/2005 / 16:55	
TERPHENYL-D14 (SURR)		68.9	%		TLL	12/29/2005 / 16:55	
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/Kg	1.94	MVP	12/26/2005 / 14:39	
beta-BHC	EPA 8081A	ND	ug/Kg	1.94	MVP	12/26/2005 / 14:39	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	1.94	MVP	12/26/2005 / 14:39	
delta-BHC	EPA 8081A	ND	ug/Kg	1.94	MVP	12/26/2005 / 14:39	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 49 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 008 LPB-1 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Heptachlor	EPA 8081A	ND	ug/Kg	1.94	MVP	12/26/2005 / 14:39	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	1.94	MVP	12/26/2005 / 14:39	
Aldrin	EPA 8081A	ND	ug/Kg	1.94	MVP	12/26/2005 / 14:39	
Dieldrin	EPA 8081A	ND	ug/Kg	1.94	MVP	12/26/2005 / 14:39	
Endrin	EPA 8081A	ND	ug/Kg	1.94	MVP	12/26/2005 / 14:39	
4,4'-DDD	EPA 8081A	ND	ug/Kg	1.94	MVP	12/26/2005 / 14:39	
4,4'-DDE	EPA 8081A	ND	ug/Kg	1.94	MVP	12/26/2005 / 14:39	
4,4'-DDT	EPA 8081A	ND	ug/Kg	1.94	MVP	12/26/2005 / 14:39	
Endosulfan I	EPA 8081A	ND	ug/Kg	1.94	MVP	12/26/2005 / 14:39	
Endosulfan II	EPA 8081A	ND	ug/Kg	1.94	MVP	12/26/2005 / 14:39	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	1.94	MVP	12/26/2005 / 14:39	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	1.94	MVP	12/26/2005 / 14:39	
Methoxychlor	EPA 8081A	ND	ug/Kg	1.94	MVP	12/26/2005 / 14:39	
Endrin Ketone	EPA 8081A	ND	ug/Kg	1.94	MVP	12/26/2005 / 14:39	
Chlordane	EPA 8081A	ND	ug/Kg	38.9	MVP	12/26/2005 / 14:39	
Toxaphene	EPA 8081A	ND	ug/Kg	38.9	MVP	12/26/2005 / 14:39	
TCMX (SURROGATE)		53.0	%		MVP	12/26/2005 / 14:39	
DCB (SURROGATE)		38.0	%		MVP	12/26/2005 / 14:39	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	38.9	MVP	12/27/2005 / 10:51	
PCB-1221	EPA 8082	ND	ug/Kg	38.9	MVP	12/27/2005 / 10:51	
PCB-1232	EPA 8082	ND	ug/Kg	38.9	MVP	12/27/2005 / 10:51	
PCB-1242	EPA 8082	ND	ug/Kg	38.9	MVP	12/27/2005 / 10:51	
PCB-1248	EPA 8082	ND	ug/Kg	38.9	MVP	12/27/2005 / 10:51	
PCB-1254	EPA 8082	ND	ug/Kg	38.9	MVP	12/27/2005 / 10:51	
PCB-1260	EPA 8082	ND	ug/Kg	38.9	MVP	12/27/2005 / 15:08	
PCB-1262	EPA 8082	ND	ug/Kg	38.9	MVP	12/27/2005 / 10:51	
PCB-1268	EPA 8082	ND	ug/Kg	38.9	MVP	12/27/2005 / 10:51	
TCMX (SURROGATE)		42.1	%		MVP	12/27/2005 / 15:08	
DCB (SURROGATE)		31.3	%		MVP	12/27/2005 / 15:08	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.23	JS	12/27/2005 / 1:00	
Aluminum	6010B, SW-846	6580	mg/Kg	22.3	JS	12/27/2005 / 1:00	
Arsenic	6010B, SW-846	8.62	mg/Kg	1.12	JS	12/27/2005 / 1:00	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 50 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 008 LPB-1 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Barium	6010B, SW-846	192	mg/Kg	3.3	JS	12/27/2005 / 1:00	
Beryllium	6010B, SW-846	ND	mg/Kg	0.335	JS	12/27/2005 / 1:00	
Cadmium	6010B, SW-846	1.04	mg/Kg	0.335	JS	12/27/2005 / 1:00	
Chromium	6010B, SW-846	26.0	mg/Kg	1.12	JS	12/27/2005 / 1:00	
Calcium	6010B, SW-846	25100	mg/Kg	167	JS	12/27/2005 / 1:00	
Iron	6010B, SW-846	16400	mg/Kg	11.2	JS	12/27/2005 / 1:00	B1
Cobalt	6010B, SW-846	5.85	mg/Kg	5.58	JS	12/27/2005 / 1:00	
Copper	6010B, SW-846	73.1	mg/Kg	5.58	JS	12/27/2005 / 1:00	
Lead	6010B, SW-846	231	mg/Kg	3.35	JS	12/27/2005 / 1:00	
Magnesium	6010B, SW-846	3530	mg/Kg	134	JS	12/27/2005 / 1:00	
Manganese	6010B, SW-846	270	mg/Kg	1.67	JS	12/27/2005 / 1:00	
Mercury	SW-846; 7471	1.07	mg/Kg	0.0393	NAP	12/27/2005 / 15:38	
Nickel	6010B, SW-846	19.2	mg/Kg	4.47	JS	12/27/2005 / 1:00	
Vanadium	6010B, SW-846	23.9	mg/Kg	5.58	JS	12/27/2005 / 1:00	
Selenium	6010B, SW-846	ND	mg/Kg	2.23	JS	12/27/2005 / 1:00	
Potassium	6010B, SW-846	826	mg/Kg	167	JS	12/27/2005 / 1:00	
Silver	6010B, SW-846	0.858	mg/Kg	0.56	JS	12/27/2005 / 1:00	
Sodium	6010B, SW-846	264	mg/Kg	167	JS	12/27/2005 / 1:00	
Thallium	6010B, SW-846	ND	mg/Kg	2.23	JS	12/27/2005 / 1:00	
Zinc	6010B, SW-846	442	mg/Kg	5.58	JS	12/27/2005 / 1:00	
Percent Solids		83.7	%		AM	12/22/2005 / 8:03	
PCB OIL/SOIL EXTRACTIONS		30.73			MEW	12/23/2005 / 8:14	
Flame/ICP Solid Digestion	EPA 3050B	93.4579			AM	12/21/2005 / 15:52	

Sample: 009 LPB-1 15-17

Collection Date: 12/19/2005 Time: 9:40:00AM

Matrix: SOIL

Received Date: 12/20/2005 Time: 10:30:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
Chloromethane	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
Bromomethane	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 51 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 009 LPB-1 15-17
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Chloroethane	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
Acrolein	EPA 8260B	ND	ug/Kg	48	MVP	12/27/2005 / 14:16	
Acetone	EPA 8260B	ND	ug/Kg	48	MVP	12/27/2005 / 14:16	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
Iodomethane	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	48	MVP	12/27/2005 / 14:16	
Methylene Chloride	EPA 8260B	ND	ug/Kg	39	MVP	12/27/2005 / 14:16	
Acrylonitrile	EPA 8260B	ND	ug/Kg	48	MVP	12/27/2005 / 14:16	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	48	MVP	12/27/2005 / 14:16	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	48	MVP	12/27/2005 / 14:16	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
Chloroform	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
Bromochloromethane	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
Benzene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
Trichloroethylene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	48	MVP	12/27/2005 / 14:16	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	48	MVP	12/27/2005 / 14:16	
Toluene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
2-Hexanone	EPA 8260B	ND	ug/Kg	48	MVP	12/27/2005 / 14:16	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 52 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 009 LPB-1 15-17
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
Chlorobenzene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
Ethylbenzene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
M & P XYLENE	EPA 8260B	ND	ug/Kg	19	MVP	12/27/2005 / 14:16	
O-XYLENE	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
Styrene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
Bromoform	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
Bromobenzene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
1,3,5-Trimethylbenzene	EPA 8260B	21.0	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
1,2,4-Trimethylbenzene	EPA 8260B	15.1	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
Naphthalene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9.7	MVP	12/27/2005 / 14:16	
DIBROMOFLUOROMETHANE (SURR)		101	%		MVP	12/27/2005 / 14:16	
TOLUENE-D8 (SURROGATE)		103	%		MVP	12/27/2005 / 14:16	
4-BROMOFLUOROBENZENE (SURR)		122	%		MVP	12/27/2005 / 14:16	GX

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 53 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 009 LPB-1 15-17
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
B/NA Extractables Soil							1
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
Phenol	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
Hexachloroethane	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	2000	TLL	12/29/2005 / 17:35	
Nitrobenzene	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
Isophorone	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
bis (2-Chloroethoxy)	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
Naphthalene	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
Acenaphthylene	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
Acenaphthene	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 54 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 009 LPB-1 15-17
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
3-Nitroaniline	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
Dibenzofuran	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
Fluorene	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
Phenanthrene	EPA 8270C	1800	ug/Kg	1000	TLL	12/29/2005 / 17:35	
Anthracene	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
Carbazole	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
Fluoranthene	EPA 8270C	2400	ug/Kg	1000	TLL	12/29/2005 / 17:35	
Benzidine	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
Pyrene	EPA 8270C	3200	ug/Kg	1000	TLL	12/29/2005 / 17:35	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
3,3'-Dichlorbenzidine	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
Benzo(a)anthracene	EPA 8270C	1300	ug/Kg	1000	TLL	12/29/2005 / 17:35	
Chrysene	EPA 8270C	1300	ug/Kg	1000	TLL	12/29/2005 / 17:35	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
Benzo(b)fluoranthene	EPA 8270C	1600	ug/Kg	1000	TLL	12/29/2005 / 17:35	
Benzo(k)fluoranthene	EPA 8270C	1400	ug/Kg	1000	TLL	12/29/2005 / 17:35	
Benzo(a)pyrene	EPA 8270C	1500	ug/Kg	1000	TLL	12/29/2005 / 17:35	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	1000	TLL	12/29/2005 / 17:35	
2-FLUOROPHENOL (SURR)		58.2	%		TLL	12/29/2005 / 17:35	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 55 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 009 LPB-1 15-17
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PHENOL-D5 (SURR)		55.8	%		TLL	12/29/2005 / 17:35	
NITROBENZENE-D5 (SURR)		32.4	%		TLL	12/29/2005 / 17:35	
2-FLUOROBIPHENYL (SURR)		50.2	%		TLL	12/29/2005 / 17:35	
2,4,6-TRIBROMOPHENOL (SURR)		47.4	%		TLL	12/29/2005 / 17:35	
TERPHENYL-D14 (SURR)		63.8	%		TLL	12/29/2005 / 17:35	
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/Kg	2.02	MVP	12/26/2005 / 14:39	
beta-BHC	EPA 8081A	ND	ug/Kg	2.02	MVP	12/26/2005 / 14:39	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	2.02	MVP	12/26/2005 / 14:39	
delta-BHC	EPA 8081A	ND	ug/Kg	2.02	MVP	12/26/2005 / 14:39	
Heptachlor	EPA 8081A	ND	ug/Kg	2.02	MVP	12/26/2005 / 14:39	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	2.02	MVP	12/26/2005 / 14:39	
Aldrin	EPA 8081A	ND	ug/Kg	2.02	MVP	12/26/2005 / 14:39	
Dieldrin	EPA 8081A	ND	ug/Kg	2.02	MVP	12/26/2005 / 14:39	
Endrin	EPA 8081A	ND	ug/Kg	2.02	MVP	12/26/2005 / 14:39	
4,4'-DDD	EPA 8081A	ND	ug/Kg	2.02	MVP	12/26/2005 / 14:39	
4,4'-DDE	EPA 8081A	ND	ug/Kg	2.02	MVP	12/26/2005 / 14:39	
4,4'-DDT	EPA 8081A	ND	ug/Kg	2.02	MVP	12/26/2005 / 14:39	
Endosulfan I	EPA 8081A	ND	ug/Kg	2.02	MVP	12/26/2005 / 14:39	
Endosulfan II	EPA 8081A	ND	ug/Kg	2.02	MVP	12/26/2005 / 14:39	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	2.02	MVP	12/26/2005 / 14:39	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	2.02	MVP	12/26/2005 / 14:39	
Methoxychlor	EPA 8081A	ND	ug/Kg	2.02	MVP	12/26/2005 / 14:39	
Endrin Ketone	EPA 8081A	ND	ug/Kg	2.02	MVP	12/26/2005 / 14:39	
Chlordane	EPA 8081A	ND	ug/Kg	40.4	MVP	12/26/2005 / 14:39	
Toxaphene	EPA 8081A	ND	ug/Kg	40.4	MVP	12/26/2005 / 14:39	
TCMX (SURROGATE)		49.1	%		MVP	12/26/2005 / 14:39	
DCB (SURROGATE)		35.2	%		MVP	12/26/2005 / 14:39	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	40.4	MVP	12/27/2005 / 10:51	
PCB-1221	EPA 8082	ND	ug/Kg	40.4	MVP	12/27/2005 / 10:51	
PCB-1232	EPA 8082	ND	ug/Kg	40.4	MVP	12/27/2005 / 10:51	
PCB-1242	EPA 8082	ND	ug/Kg	40.4	MVP	12/27/2005 / 10:51	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 56 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 009 LPB-1 15-17
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-1248	EPA 8082	ND	ug/Kg	40.4	MVP	12/27/2005 / 10:51	
PCB-1254	EPA 8082	ND	ug/Kg	40.4	MVP	12/27/2005 / 10:51	
PCB-1260	EPA 8082	ND	ug/Kg	40.4	MVP	12/27/2005 / 10:51	
PCB-1262	EPA 8082	ND	ug/Kg	40.4	MVP	12/27/2005 / 10:51	
PCB-1268	EPA 8082	ND	ug/Kg	40.4	MVP	12/27/2005 / 10:51	
TCMX (SURROGATE)		42.3	%		MVP	12/27/2005 / 15:28	
DCB (SURROGATE)		35.1	%		MVP	12/27/2005 / 15:28	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.30	JS	12/27/2005 / 1:00	
Aluminum	6010B, SW-846	4270	mg/Kg	23.0	JS	12/27/2005 / 1:00	
Arsenic	6010B, SW-846	6.09	mg/Kg	1.15	JS	12/27/2005 / 1:00	
Barium	6010B, SW-846	134	mg/Kg	3.4	JS	12/27/2005 / 1:00	
Beryllium	6010B, SW-846	ND	mg/Kg	0.344	JS	12/27/2005 / 1:00	
Cadmium	6010B, SW-846	0.785	mg/Kg	0.344	JS	12/27/2005 / 1:00	
Chromium	6010B, SW-846	11.0	mg/Kg	1.15	JS	12/27/2005 / 1:00	
Calcium	6010B, SW-846	17900	mg/Kg	172	JS	12/27/2005 / 1:00	
Iron	6010B, SW-846	12100	mg/Kg	11.5	JS	12/27/2005 / 1:00	B1
Cobalt	6010B, SW-846	ND	mg/Kg	5.74	JS	12/27/2005 / 1:00	
Copper	6010B, SW-846	47.2	mg/Kg	5.74	JS	12/27/2005 / 1:00	
Lead	6010B, SW-846	155	mg/Kg	3.44	JS	12/27/2005 / 1:00	
Magnesium	6010B, SW-846	3840	mg/Kg	138	JS	12/27/2005 / 1:00	
Manganese	6010B, SW-846	206	mg/Kg	1.72	JS	12/27/2005 / 1:00	
Mercury	SW-846; 7471	0.510	mg/Kg	0.0417	NAP	12/27/2005 / 15:38	
Nickel	6010B, SW-846	12.1	mg/Kg	4.59	JS	12/27/2005 / 1:00	
Vanadium	6010B, SW-846	17.2	mg/Kg	5.74	JS	12/27/2005 / 1:00	
Selenium	6010B, SW-846	ND	mg/Kg	2.30	JS	12/27/2005 / 1:00	
Potassium	6010B, SW-846	537	mg/Kg	172	JS	12/27/2005 / 1:00	
Silver	6010B, SW-846	ND	mg/Kg	0.57	JS	12/27/2005 / 1:00	
Sodium	6010B, SW-846	928	mg/Kg	172	JS	12/27/2005 / 1:00	
Thallium	6010B, SW-846	ND	mg/Kg	2.30	JS	12/27/2005 / 1:00	
Zinc	6010B, SW-846	406	mg/Kg	5.74	JS	12/27/2005 / 1:00	
Percent Solids		81.4	%		AM	12/22/2005 / 8:03	
PCB OIL/SOIL EXTRACTIONS		30.42			MEW	12/23/2005 / 8:14	
Flame/ICP Solid Digestion	EPA 3050B	93.4579			AM	12/21/2005 / 15:52	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 57 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 010 LPB-1D 15-17

Collection Date: 12/19/2005 Time: 9:40:00AM

Received Date: 12/20/2005 Time: 10:30:00AM

Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							1
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
Chloromethane	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
Bromomethane	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
Chloroethane	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
Acrolein	EPA 8260B	ND	ug/Kg	53	MVP	12/27/2005 / 14:49	
Acetone	EPA 8260B	105	ug/Kg	53	MVP	12/27/2005 / 14:49	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
Iodomethane	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	53	MVP	12/27/2005 / 14:49	
Methylene Chloride	EPA 8260B	ND	ug/Kg	43	MVP	12/27/2005 / 14:49	
Acrylonitrile	EPA 8260B	ND	ug/Kg	53	MVP	12/27/2005 / 14:49	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	53	MVP	12/27/2005 / 14:49	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	53	MVP	12/27/2005 / 14:49	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
Chloroform	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
Bromochloromethane	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
Benzene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
Trichloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	53	MVP	12/27/2005 / 14:49	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 58 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 010 LPB-1D 15-17
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	53	MVP	12/27/2005 / 14:49	
Toluene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
2-Hexanone	EPA 8260B	ND	ug/Kg	53	MVP	12/27/2005 / 14:49	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
Chlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
Ethylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
M & P XYLENE	EPA 8260B	ND	ug/Kg	21	MVP	12/27/2005 / 14:49	
O-XYLENE	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
Styrene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
Bromoform	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
Bromobenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
1,3,5-Trimethylbenzene	EPA 8260B	15.4	ug/Kg	11	MVP	12/27/2005 / 14:49	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
1,2,4-Trimethylbenzene	EPA 8260B	28.4	ug/Kg	11	MVP	12/27/2005 / 14:49	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
4-Isopropyltoluene	EPA 8260B	26.4	ug/Kg	11	MVP	12/27/2005 / 14:49	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 59 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 010 LPB-1D 15-17
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
Naphthalene	EPA 8260B	28.2	ug/Kg	11	MVP	12/27/2005 / 14:49	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/27/2005 / 14:49	
DIBROMOFLUOROMETHANE (SURR)		101	%		MVP	12/27/2005 / 14:49	
TOLUENE-D8 (SURROGATE)		94.8	%		MVP	12/27/2005 / 14:49	
4-BROMOFLUOROBENZENE (SURR)		163	%		MVP	12/27/2005 / 14:49	GX
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
Phenol	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
Hexachloroethane	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	4400	TLL	12/29/2005 / 18:15	
Nitrobenzene	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
Isophorone	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
bis (2-Chloroethoxy)	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
Naphthalene	EPA 8270C	17000	ug/Kg	2200	TLL	12/29/2005 / 18:15	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
2-Methyl Naphthalene	EPA 8270C	10000	ug/Kg	2200	TLL	12/29/2005 / 18:15	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	

Certifications: MA: MA069 NY:10982
ND = Not Detected PQL= Practical Quantitation Limit

CT: PH0119 RI:A45 NJ: 59744

Page: 60 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 010 LPB-1D 15-17
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
Acenaphthylene	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
Acenaphthene	EPA 8270C	6500	ug/Kg	2200	TLL	12/29/2005 / 18:15	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
Dibenzofuran	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
Fluorene	EPA 8270C	4000	ug/Kg	2200	TLL	12/29/2005 / 18:15	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
Phenanthrene	EPA 8270C	9600	ug/Kg	2200	TLL	12/29/2005 / 18:15	
Anthracene	EPA 8270C	3200	ug/Kg	2200	TLL	12/29/2005 / 18:15	
Carbazole	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
Fluoranthene	EPA 8270C	3000	ug/Kg	2200	TLL	12/29/2005 / 18:15	
Benzidine	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
Pyrene	EPA 8270C	6100	ug/Kg	2200	TLL	12/29/2005 / 18:15	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
Chrysene	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744
ND = Not Detected PQL= Practical Quantitation Limit

Page: 61 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 010 LPB-1D 15-17
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	2200	TLL	12/29/2005 / 18:15	
2-FLUOROPHENOL (SURR)		25.3	%		TLL	12/29/2005 / 18:15	
PHENOL-D5 (SURR)		41.7	%		TLL	12/29/2005 / 18:15	
NITROBENZENE-D5 (SURR)		45.4	%		TLL	12/29/2005 / 18:15	
2-FLUOROBIPHENYL (SURR)		63.8	%		TLL	12/29/2005 / 18:15	
2,4,6-TRIBROMOPHENOL (SURR)		22.1	%		TLL	12/29/2005 / 18:15	
TERPHENYL-D14 (SURR)		87.2	%		TLL	12/29/2005 / 18:15	
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/Kg	2.22	MVP	12/26/2005 / 14:39	
beta-BHC	EPA 8081A	ND	ug/Kg	2.22	MVP	12/26/2005 / 14:39	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	2.22	MVP	12/26/2005 / 14:39	
delta-BHC	EPA 8081A	ND	ug/Kg	2.22	MVP	12/26/2005 / 14:39	
Heptachlor	EPA 8081A	ND	ug/Kg	2.22	MVP	12/26/2005 / 14:39	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	2.22	MVP	12/26/2005 / 14:39	
Aldrin	EPA 8081A	ND	ug/Kg	2.22	MVP	12/26/2005 / 14:39	
Dieldrin	EPA 8081A	ND	ug/Kg	2.22	MVP	12/26/2005 / 14:39	
Endrin	EPA 8081A	ND	ug/Kg	2.22	MVP	12/26/2005 / 14:39	
4,4'-DDD	EPA 8081A	ND	ug/Kg	2.22	MVP	12/26/2005 / 14:39	
4,4'-DDE	EPA 8081A	ND	ug/Kg	2.22	MVP	12/26/2005 / 14:39	
4,4'-DDT	EPA 8081A	ND	ug/Kg	2.22	MVP	12/26/2005 / 14:39	
Endosulfan I	EPA 8081A	ND	ug/Kg	2.22	MVP	12/26/2005 / 14:39	
Endosulfan II	EPA 8081A	ND	ug/Kg	2.22	MVP	12/26/2005 / 14:39	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	2.22	MVP	12/26/2005 / 14:39	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	2.22	MVP	12/26/2005 / 14:39	
Methoxychlor	EPA 8081A	ND	ug/Kg	2.22	MVP	12/26/2005 / 14:39	
Endrin Ketone	EPA 8081A	ND	ug/Kg	2.22	MVP	12/26/2005 / 14:39	
Chlordane	EPA 8081A	ND	ug/Kg	44.3	MVP	12/26/2005 / 14:39	
Toxaphene	EPA 8081A	ND	ug/Kg	44.3	MVP	12/26/2005 / 14:39	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 62 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 010 LPB-1D 15-17
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TCMX (SURROGATE)		51.1	%		MVP	12/26/2005 / 14:39	
DCB (SURROGATE)		38.2	%		MVP	12/26/2005 / 14:39	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	44.3	MVP	12/27/2005 / 10:51	
PCB-1221	EPA 8082	ND	ug/Kg	44.3	MVP	12/27/2005 / 10:51	
PCB-1232	EPA 8082	ND	ug/Kg	44.3	MVP	12/27/2005 / 10:51	
PCB-1242	EPA 8082	ND	ug/Kg	44.3	MVP	12/27/2005 / 10:51	
PCB-1248	EPA 8082	ND	ug/Kg	44.3	MVP	12/27/2005 / 10:51	
PCB-1254	EPA 8082	ND	ug/Kg	44.3	MVP	12/27/2005 / 10:51	
PCB-1260	EPA 8082	ND	ug/Kg	44.3	MVP	12/27/2005 / 10:51	
PCB-1262	EPA 8082	ND	ug/Kg	44.3	MVP	12/27/2005 / 10:51	
PCB-1268	EPA 8082	ND	ug/Kg	44.3	MVP	12/27/2005 / 10:51	
TCMX (SURROGATE)		45.1	%		MVP	12/27/2005 / 15:48	
DCB (SURROGATE)		31.1	%		MVP	12/27/2005 / 15:48	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.47	JS	12/27/2005 / 1:00	M2
Aluminum	6010B, SW-846	3550	mg/Kg	24.7	JS	12/27/2005 / 1:00	MHA
Arsenic	6010B, SW-846	8.77	mg/Kg	1.23	JS	12/27/2005 / 1:00	
Barium	6010B, SW-846	127	mg/Kg	3.7	JS	12/27/2005 / 1:00	
Beryllium	6010B, SW-846	ND	mg/Kg	0.370	JS	12/27/2005 / 1:00	
Cadmium	6010B, SW-846	0.790	mg/Kg	0.370	JS	12/27/2005 / 1:00	
Chromium	6010B, SW-846	15.0	mg/Kg	1.23	JS	12/27/2005 / 1:00	
Calcium	6010B, SW-846	13900	mg/Kg	185	JS	12/27/2005 / 1:00	M1
Iron	6010B, SW-846	13800	mg/Kg	12.3	JS	12/27/2005 / 1:00	B1
Cobalt	6010B, SW-846	ND	mg/Kg	6.17	JS	12/27/2005 / 1:00	MHA
Copper	6010B, SW-846	49.6	mg/Kg	6.17	JS	12/27/2005 / 1:00	M1 M2
Lead	6010B, SW-846	160	mg/Kg	3.70	JS	12/27/2005 / 1:00	M1 M2
Magnesium	6010B, SW-846	3030	mg/Kg	148	JS	12/27/2005 / 1:00	
Manganese	6010B, SW-846	128	mg/Kg	1.85	JS	12/27/2005 / 1:00	M1
Mercury	SW-846; 7471	0.574	mg/Kg	0.0441	NAP	12/27/2005 / 15:38	
Nickel	6010B, SW-846	12.4	mg/Kg	4.94	JS	12/27/2005 / 1:00	
Vanadium	6010B, SW-846	20.3	mg/Kg	6.17	JS	12/27/2005 / 1:00	
Selenium	6010B, SW-846	ND	mg/Kg	2.47	JS	12/27/2005 / 1:00	
Potassium	6010B, SW-846	531	mg/Kg	185	JS	12/27/2005 / 1:00	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 63 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 010 LPB-1D 15-17
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Silver	6010B, SW-846	ND	mg/Kg	0.62	JS	12/27/2005 / 1:00	
Sodium	6010B, SW-846	1120	mg/Kg	185	JS	12/27/2005 / 1:00	
Thallium	6010B, SW-846	ND	mg/Kg	2.47	JS	12/27/2005 / 1:00	
Zinc	6010B, SW-846	526	mg/Kg	6.17	JS	12/27/2005 / 1:00	MHA
Percent Solids		75.0	%		AM	12/22/2005 / 8:03	
PCB OIL/SOIL EXTRACTIONS		30.08			MEW	12/23/2005 / 8:14	
Flame/CP Solid Digestion	EPA 3050B	92.5926			AM	12/21/2005 / 15:52	

Sample: 011 FB 121905

Collection Date: 12/19/2005 Time: 12:45:00PM

Received Date: 12/20/2005 Time: 10:30:00AM

Matrix: WATER

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics 8260							
Dichlorodifluoromethane	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
Vinyl Chloride	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
Chloromethane	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
Bromomethane	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
Chloroethane	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
Trichlorofluoromethane	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
Acrolein	EPA 8260B	ND	ug/L	25	MVP	12/22/2005 / 11:15	
Acetone	EPA 8260B	ND	ug/L	25	MVP	12/22/2005 / 11:15	
1,1-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
Iodomethane	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
Carbon Disulfide	EPA 8260B	ND	ug/L	25	MVP	12/22/2005 / 11:15	
Methylene Chloride	EPA 8260B	5	ug/L	5.0	MVP	12/22/2005 / 11:15	J
Acrylonitrile	EPA 8260B	ND	ug/L	25	MVP	12/22/2005 / 11:15	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
1,1-Dichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
Vinyl Acetate	EPA 8260B	ND	ug/L	25	MVP	12/22/2005 / 11:15	
2-Butanone-(MEK)	EPA 8260B	5	ug/L	25	MVP	12/22/2005 / 11:15	J
2,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL = Practical Quantitation Limit

Page: 64 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 011 FB 121905
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Chloroform	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
Bromochloromethane	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
1,1-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
Carbon Tetrachloride	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
Benzene	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
1,2-Dichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
Trichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
1,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/L	25	MVP	12/22/2005 / 11:15	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/L	25	MVP	12/22/2005 / 11:15	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
Toluene	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
Bromodichloromethane	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
1,2-Dibromoethane	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
2-Hexanone	EPA 8260B	5	ug/L	25	MVP	12/22/2005 / 11:15	J
1,3-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
Tetrachloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
Dibromochloromethane	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
Chlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
Ethylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
M & P-XYLENE	EPA 8260B	ND	ug/L	10	MVP	12/22/2005 / 11:15	
O-XYLENE	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
Styrene	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
Bromoform	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
Isopropylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
n-Propylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
Bromobenzene	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
2-Chlorotoluene	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 65 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 011 FB 121905
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
4-Chlorotoluene	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
tert-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
sec-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
4-Isopropyltoluene	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
n-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	12/22/2005 / 11:15	
Hexachlorobutadiene	EPA 8260B	1	ug/L	5.0	MVP	12/22/2005 / 11:15	J
Naphthalene	EPA 8260B	2	ug/L	5.0	MVP	12/22/2005 / 11:15	JB
1,2,3-Trichlorobenzene	EPA 8260B	1	ug/L	5.0	MVP	12/22/2005 / 11:15	J
DIBROMOFLUOROMETHANE (SURR)		106	%		MVP	12/22/2005 / 11:15	
TOLUENE-D8 (SURROGATE)		96.8	%		MVP	12/22/2005 / 11:15	
4-BROMOFLUOROBENZENE (SURR)		94.7	%		MVP	12/22/2005 / 11:15	
B/NA Extractables EPA 8270							
N-Nitrosodimethylamine	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
Phenol	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
2-Chlorophenol	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
2-Methyl Phenol	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
Hexachloroethane	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
3&4-Methyl Phenol	EPA 8270C	ND	ug/L	10	TLL	12/28/2005 / 11:36	
Nitrobenzene	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
Isophorone	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
2-Nitrophenol	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 66 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 011 FB 121905
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2,4-Dimethylphenol	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
bis (2-Chloroethoxy)	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
2,4-Dichlorophenol	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
Naphthalene	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
4-Chloroaniline	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
Hexachlorobutadiene	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
2-Methylnaphthalene	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
2-Chloronaphthalene	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
2-Nitroaniline	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
Acenaphthylene	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
Dimethyl Phthalate	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
Acenaphthene	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
3-Nitroaniline	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
2,4-Dinitrophenol	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
Dibenzofuran	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
4-Nitrophenol	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
Fluorene	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
Diethyl Phthalate	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
4-Nitroaniline	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
Hexachlorobenzene	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
Pentachlorophenol	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
Phenanthrene	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
Anthracene	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 67 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 011 FB 121905
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Carbazole	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
Di-n-butylphthalate	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
Fluoranthene	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
Benzidine	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
Pyrene	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
Benzo(a)anthracene	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
Chrysene	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
Di-n-octyl phthalate	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
Benzo(a)pyrene	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/L	5.0	TLL	12/28/2005 / 11:36	
2-FLUOROPHENOL (SURR)		43.7	%		TLL	12/28/2005 / 11:36	
PHENOL-D5 (SURR)		32.2	%		TLL	12/28/2005 / 11:36	
NITROBENZENE-D5 (SURR)		63.6	%		TLL	12/28/2005 / 11:36	
2-FLUOROBIPHENYL (SURR)		74.1	%		TLL	12/28/2005 / 11:36	
2,4,6-TRIBROMOPHENOL (SURR)		66.0	%		TLL	12/28/2005 / 11:36	
TERPHENYL-D14 (SURR)		117	%		TLL	12/28/2005 / 11:36	
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/L	0.05	MVP	12/24/2005 / 12:24	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/L	0.05	MVP	12/24/2005 / 12:24	
beta-BHC	EPA 8081A	ND	ug/L	0.05	MVP	12/24/2005 / 12:24	
Aldrin	EPA 8081A	ND	ug/L	0.05	MVP	12/24/2005 / 12:24	
Heptachlor	EPA 8081A	ND	ug/L	0.05	MVP	12/24/2005 / 12:24	
delta-BHC	EPA 8081A	ND	ug/L	0.05	MVP	12/24/2005 / 12:24	
Heptachlor Epoxide	EPA 8081A	ND	ug/L	0.05	MVP	12/24/2005 / 12:24	
Endosulfan I	EPA 8081A	ND	ug/L	0.05	MVP	12/24/2005 / 12:24	
4,4'-DDE	EPA 8081A	ND	ug/L	0.05	MVP	12/24/2005 / 12:24	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 011 FB 121905
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Dieldrin	EPA 8081A	ND	ug/L	0.05	MVP	12/24/2005 / 12:24	
Endrin	EPA 8081A	ND	ug/L	0.05	MVP	12/24/2005 / 12:24	
4,4'-DDD	EPA 8081A	ND	ug/L	0.05	MVP	12/24/2005 / 12:24	
Endosulfan II	EPA 8081A	ND	ug/L	0.05	MVP	12/24/2005 / 12:24	
Endrin Aldehyde	EPA 8081A	ND	ug/L	0.05	MVP	12/24/2005 / 12:24	
4,4'-DDT	EPA 8081A	ND	ug/L	0.05	MVP	12/24/2005 / 12:24	
Endosulfan Sulfate	EPA 8081A	ND	ug/L	0.05	MVP	12/24/2005 / 12:24	
Methoxychlor	EPA 8081A	ND	ug/L	0.05	MVP	12/24/2005 / 12:24	
Endrin Ketone	EPA 8081A	ND	ug/L	0.05	MVP	12/24/2005 / 12:24	
Chlordane	EPA 8081A	ND	ug/L	1.00	MVP	12/24/2005 / 12:24	
Toxaphene	EPA 8081A	ND	ug/L	1.00	MVP	12/24/2005 / 12:24	
TCMX (SURROGATE)		121	%		MVP	12/24/2005 / 12:24	
DCB (SURROGATE)		96.1	%		MVP	12/24/2005 / 12:24	
PCB							
PCB-1016	EPA 8082	ND	ug/L	1.0	NAC	12/21/2005 / 18:04	
PCB-1221	EPA 8082	ND	ug/L	1.0	NAC	12/21/2005 / 18:04	
PCB-1232	EPA 8082	ND	ug/L	1.0	NAC	12/21/2005 / 18:04	
PCB-1242	EPA 8082	ND	ug/L	1.0	NAC	12/21/2005 / 18:04	
PCB-1248	EPA 8082	ND	ug/L	1.0	NAC	12/21/2005 / 18:04	
PCB-1254	EPA 8082	ND	ug/L	1.0	NAC	12/21/2005 / 18:04	
PCB-1260	EPA 8082	ND	ug/L	1.0	NAC	12/21/2005 / 18:04	
PCB-1262	EPA 8082	ND	ug/L	1.0	NAC	12/21/2005 / 18:04	
TCMX (SURROGATE)		94.0	%		NAC	12/21/2005 / 18:04	
DCB (SURROGATE)		87.4	%		NAC	12/21/2005 / 18:04	
Target Analyte List Metals							
Aluminum	200.7, EPA 1987	ND	mg/L	0.150	JS	12/28/2005 / 16:37	
Antimony	200.7, EPA 1987	ND	mg/L	0.0100	JS	12/28/2005 / 16:37	
Barium	200.7, EPA 1987	ND	mg/L	0.0100	JS	12/28/2005 / 16:37	
Arsenic	200.7, EPA 1987	ND	mg/L	0.0100	JS	12/28/2005 / 16:37	
Beryllium	200.7, EPA 1987	ND	mg/L	0.00250	JS	12/28/2005 / 16:37	
Cadmium	200.7, EPA 1987	ND	mg/L	0.00110	JS	12/28/2005 / 16:37	
Chromium	200.7, EPA 1987	ND	mg/L	0.00600	JS	12/28/2005 / 16:37	
Calcium	200.7, EPA 1987	ND	mg/L	0.500	JS	12/28/2005 / 16:37	
Copper	200.7, EPA 1987	ND	mg/L	0.00500	JS	12/28/2005 / 16:37	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 69 of 71



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

Sample: 011 FB 121905
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Cobalt	200.7, EPA 1987	ND	mg/L	0.0500	JS	12/28/2005 / 16:37	
Iron	200.7, EPA 1987	ND	mg/L	0.100	JS	12/28/2005 / 16:37	
Magnesium	200.7, EPA 1987	ND	mg/L	0.500	JS	12/28/2005 / 16:37	
Lead	200.7, EPA 1987	ND	mg/L	0.0100	JS	12/28/2005 / 16:37	
Manganese	200.7, EPA 1987	ND	mg/L	0.00700	JS	12/28/2005 / 16:37	
Mercury	245.1, EPA 1983	ND	mg/L	0.000200	JS	12/23/2005 / 15:23	
Nickel	200.7, EPA 1987	ND	mg/L	0.0400	JS	12/28/2005 / 16:37	
Potassium	200.7, EPA 1987	ND	mg/L	0.500	JS	12/28/2005 / 16:37	C
Sodium	200.7, EPA 1987	ND	mg/L	2.00	JS	12/28/2005 / 16:37	C
Silver	200.7, EPA 1987	ND	mg/L	0.00500	JS	12/28/2005 / 16:37	
Selenium	200.7, EPA 1987	ND	mg/L	0.0200	JS	12/28/2005 / 16:37	
Zinc	200.7, EPA 1987	ND	mg/L	0.0500	JS	12/28/2005 / 16:37	
Thallium	200.7, EPA 1987	ND	mg/L	0.0200	JS	12/28/2005 / 16:37	
Vanadium	200.7, EPA 1987	ND	mg/L	0.0500	JS	12/28/2005 / 16:37	
608 WATER EXTRACTION		0.960			MEW	12/21/2005 / 13:56	
PCB WATER EXTRACTION		0.960			MEW	12/21/2005 / 13:12	

- B1 Analyte was detected in the associated method blank. Analyte concentration in the sample is greater than 10x the concentration found in the method blank.
- C Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.
- G1 Due to sample matrix effects, the surrogate recovery was below the acceptance limits.
- GX Due to sample matrix effects, the surrogate recovery was outside acceptance limits.
- I Internal Standard recovery was outside of method limits. Matrix interference was confirmed by reanalysis.
- J Estimated value. Analyte detected at a level less than the Practical Quantitation Limit (PQL) and greater than or equal to the Method Detection Limit (MDL).
- M1 The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
- M2 The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
- MHA Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00274

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

Authorized By:

A handwritten signature in black ink, appearing to read "Robert Bell", written over a horizontal line.

Robert Bell, Environmental Laboratory Manager

Date: 12-30-05

NOTE: All solid results are reported on a dry weight basis unless otherwise noted.

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744
ND = Not Detected PQL= Practical Quantitation Limit

Page: 71 of 71

CHAIN OF CUSTODY RECORD

AMERISCI JOB NO.

PAGE OF

AMERISCI
BOSTON

AMERISCI BOSTON
8 School Street - Weymouth, MA 02189
888.724.5221 Toll Free
781.337.9334 Phone - 781.337.7642 Fax

www.amerisci.com

COMPANY:

METCALF & EDDY, INC.

ADDRESS:

1140 ROUTE 22 EAST SUITE 101 BROADWAY

PHONE:

908 947 0274

FAX 1:

FAX 2:

CLIENT

NELSON ABRAMS

EMAIL:

NELSON.ABRAMS@N.A.E-AM.COM

PROJECT

DDC - LEVINE PROPERTY

PROJECT

STATE: NY

NAME:

MATRIX: A-WATER S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS
WI-WIPES C-CASSETTES W-WASTE O-OTHER

CONTAINER: P-PLASTIC
G-GLASS V-VOA

SAMPLING INFORMATION

DATE TIME TECH

MATRIX SIZE TYPE #

CLIENT SAMPLE IDENTIFICATION

LAB ID

CONTAINER

DATE TIME TECH

CLIENT SAMPLE IDENTIFICATION

LAB ID

DATE TIME TECH

DATE TIME TECH

CLIENT SAMPLE IDENTIFICATION

LAB ID

DATE TIME TECH

DATE TIME TECH

CLIENT SAMPLE IDENTIFICATION

LAB ID

DATE TIME TECH

DATE TIME TECH

CLIENT SAMPLE IDENTIFICATION

LAB ID

DATE TIME TECH

DATE TIME TECH

CLIENT SAMPLE IDENTIFICATION

LAB ID

DATE TIME TECH

DATE TIME TECH

CLIENT SAMPLE IDENTIFICATION

LAB ID

DATE TIME TECH

DATE TIME TECH

CLIENT SAMPLE IDENTIFICATION

LAB ID

DATE TIME TECH

DATE TIME TECH

CLIENT SAMPLE IDENTIFICATION

LAB ID

DATE TIME TECH

DATE TIME TECH

CLIENT SAMPLE IDENTIFICATION

LAB ID

DATE TIME TECH

DATE TIME TECH

CLIENT SAMPLE IDENTIFICATION

LAB ID

DATE TIME TECH

DATE TIME TECH

CLIENT SAMPLE IDENTIFICATION

LAB ID

DATE TIME TECH

DATE TIME TECH

CLIENT SAMPLE IDENTIFICATION

LAB ID

DATE TIME TECH

DATE TIME TECH

CLIENT SAMPLE IDENTIFICATION

LAB ID

DATE TIME TECH

DATE TIME TECH

CLIENT SAMPLE IDENTIFICATION

LAB ID

DATE TIME TECH

DATE TIME TECH

CLIENT SAMPLE IDENTIFICATION

LAB ID

DATE TIME TECH

DATE TIME TECH

CLIENT SAMPLE IDENTIFICATION

LAB ID

DATE TIME TECH

DATE TIME TECH

CLIENT SAMPLE IDENTIFICATION

LAB ID

DATE TIME TECH

DATE TIME TECH

CLIENT SAMPLE IDENTIFICATION

LAB ID

DATE TIME TECH

DATE TIME TECH

CLIENT SAMPLE IDENTIFICATION

LAB ID

DATE TIME TECH

DATE TIME TECH

CLIENT SAMPLE IDENTIFICATION

LAB ID

DATE TIME TECH

DATE TIME TECH

CLIENT SAMPLE IDENTIFICATION

LAB ID

DATE TIME TECH

DATE TIME TECH

CLIENT SAMPLE IDENTIFICATION

LAB ID

TEMP UPON RECEIPT:

3.8°C

P.O.#

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

DATA PACKAGE:

0512-274

TLC SVOL
PCB1
TLC SVOL
PCB1
TLC SVOL
PCB1

Notes:

203-1001

203-1001

203-1001

203-1001

203-1001

203-1001

203-1001

203-1001

203-1001

203-1001

203-1001

203-1001

203-1001

203-1001

203-1001

203-1001

203-1001

203-1001

203-1001

203-1001

203-1001

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE: 10/20/05

TIME: 10:30

DATE: 10/20/05

TIME: 10:30

DATE: 10/20/05

TIME: 10:30

DATE: 10/20/05

TIME: 10:30

DATE: 10/20/05

TIME: 10:30

RECEIVED BY: (PRINT)

Sample Receiving Form

CLIENT: Metcalf + Eddy	WORKORDER: 0512-279
CLIENTS JOB: DDC - Levine Property	RECEIVED BY: MP
RECEIVED DATE: 12/20/05	SHIPPING METHOD: FedEx
TEMP UPON RECEIPT: 3.8°C	

"No" responses must be explained in the comment section below.

Checklist	YES	NO	NA
Were custody seals on shipping container(s) intact? Check "NA" if no seals, or if containers were hand delivered.			X
Were Chain of Custody Forms included with the samples?	X		
Were Chain of Custody Forms properly filled out (ink, signed, etc.)	X		
Were all containers received in good condition (Check for breakage/leaks)?	X		
Were all containers labeled with required information (Sample Id, date, signed, analysis, preservation)?	X		
Were the correct containers used for the tests indicated?	X		
Were proper preservation techniques indicated?	X		
Were samples received within holding times? If "NO" nonconformance form is required.	X		
Were all VOA bottles checked for the presence of air bubbles? If bubbles were found please note in the comment section.	X		X
Were samples in direct contact with wet ice? If "NO" check one: <input type="checkbox"/> Blue Ice <input type="checkbox"/> No Ice	X		
Is sample temperature recorded? If "NO" check one: <input type="checkbox"/> Unable to record <input type="checkbox"/> Temp taken near samples	X		
Were pHs of samples checked and recorded on the COC forms?	X		
Did the laboratory accept samples?	X		
Will samples be subcontracted? If "yes" list subcontractor and tests in specified sections below.		X	
Subcontractor: _____ Date Sent Out: _____			
Analyses Sent: _____			

Login Technician: (MP)	Login Review: _____
Comments:	
Full 8270 List per Nelson Abrams.	
ASB CAT B DATA Package using EPA methods per Nelson Abrams @ 12/20/05	



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

Laboratory Report

Report Date 12/30/2005
Workorder No. 0512-00286

Customer: Metcalf & Eddy Associates
1140 Route 22 East
Suite 101
Bridgewater, NJ 08807
Attention: Mr. Nelson Abrams
Subject: DDC-LEVINE PROPERTY

Sample: 001 LPB-11 5-7
Collection Date: 12/20/2005 Time: 2:30:00PM
Matrix: SOIL

Received Date: 12/22/2005 Time: 11:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
Chloromethane	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
Bromomethane	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
Chloroethane	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
Acrolein	EPA 8260B	ND	ug/Kg	47	MVP	12/29/2005 / 12:11	
Acetone	EPA 8260B	ND	ug/Kg	47	MVP	12/29/2005 / 12:11	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
Iodomethane	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	47	MVP	12/29/2005 / 12:11	
Methylene Chloride	EPA 8260B	ND	ug/Kg	38	MVP	12/29/2005 / 12:11	
Acrylonitrile	EPA 8260B	ND	ug/Kg	47	MVP	12/29/2005 / 12:11	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	47	MVP	12/29/2005 / 12:11	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	47	MVP	12/29/2005 / 12:11	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
Chloroform	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
Bromochloromethane	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 001 LPB-11 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
Benzene	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
Trichloroethylene	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	47	MVP	12/29/2005 / 12:11	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	47	MVP	12/29/2005 / 12:11	
Toluene	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
2-Hexanone	EPA 8260B	ND	ug/Kg	47	MVP	12/29/2005 / 12:11	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
Chlorobenzene	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
Ethylbenzene	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
M & P XYLENE	EPA 8260B	ND	ug/Kg	19	MVP	12/29/2005 / 12:11	
O-XYLENE	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
Styrene	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
Bromoform	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
Bromobenzene	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 001 LPB-11 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
Naphthalene	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9.5	MVP	12/29/2005 / 12:11	
DIBROMOFLUOROMETHANE (SURR)		93.9	%		MVP	12/29/2005 / 12:11	
TOLUENE-D8 (SURROGATE)		102	%		MVP	12/29/2005 / 12:11	
4-BROMOFLUOROBENZENE (SURR)		102	%		MVP	12/29/2005 / 12:11	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
Phenol	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
Hexachloroethane	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	770	TLL	12/29/2005 / 20:14	
Nitrobenzene	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
Isophorone	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
bis (2-Chloroethoxy)	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 001 LPB-11 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Naphthalene	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
Acenaphthylene	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
Acenaphthene	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
Dibenzofuran	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
Fluorene	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
Phenanthrene	EPA 8270C	930	ug/Kg	390	TLL	12/29/2005 / 20:14	
Anthracene	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
Carbazole	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
Fluoranthene	EPA 8270C	1100	ug/Kg	390	TLL	12/29/2005 / 20:14	
Benzidine	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 58744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 4 of 52



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 001 LPB-11 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Pyrene	EPA 8270C	1400	ug/Kg	390	TLL	12/29/2005 / 20:14	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
Benzo(a)anthracene	EPA 8270C	570	ug/Kg	390	TLL	12/29/2005 / 20:14	
Chrysene	EPA 8270C	540	ug/Kg	390	TLL	12/29/2005 / 20:14	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
Benzo(b)fluoranthene	EPA 8270C	550	ug/Kg	390	TLL	12/29/2005 / 20:14	
Benzo(k)fluoranthene	EPA 8270C	470	ug/Kg	390	TLL	12/29/2005 / 20:14	
Benzo(a)pyrene	EPA 8270C	520	ug/Kg	390	TLL	12/29/2005 / 20:14	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	390	TLL	12/29/2005 / 20:14	
2-FLUOROPHENOL (SURR)		44.9	%		TLL	12/29/2005 / 20:14	
PHENOL-D5 (SURR)		50.6	%		TLL	12/29/2005 / 20:14	
NITROBENZENE-D5 (SURR)		48.8	%		TLL	12/29/2005 / 20:14	
2-FLUOROBIPHENYL (SURR)		48.9	%		TLL	12/29/2005 / 20:14	
2,4,6-TRIBROMOPHENOL (SURR)		52.5	%		TLL	12/29/2005 / 20:14	
TERPHENYL-D14 (SURR)		67.8	%		TLL	12/29/2005 / 20:14	
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/Kg	1.96	MVP	12/29/2005 / 16:38	
beta-BHC	EPA 8081A	ND	ug/Kg	1.96	MVP	12/29/2005 / 16:38	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	1.96	MVP	12/29/2005 / 16:38	
delta-BHC	EPA 8081A	ND	ug/Kg	1.96	MVP	12/29/2005 / 16:38	
Heptachlor	EPA 8081A	ND	ug/Kg	1.96	MVP	12/29/2005 / 16:38	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	1.96	MVP	12/29/2005 / 16:38	
Aldrin	EPA 8081A	ND	ug/Kg	1.96	MVP	12/29/2005 / 16:38	
Dieldrin	EPA 8081A	7.26	ug/Kg	1.96	MVP	12/29/2005 / 16:38	
Endrin	EPA 8081A	ND	ug/Kg	1.96	MVP	12/29/2005 / 16:38	
4,4'-DDD	EPA 8081A	ND	ug/Kg	1.96	MVP	12/29/2005 / 16:38	
4,4'-DDE	EPA 8081A	ND	ug/Kg	1.96	MVP	12/29/2005 / 16:38	
4,4'-DDT	EPA 8081A	ND	ug/Kg	1.96	MVP	12/29/2005 / 16:38	
Endosulfan I	EPA 8081A	ND	ug/Kg	1.96	MVP	12/29/2005 / 16:38	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 001 LPB-11 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Endosulfan II	EPA 8081A	ND	ug/Kg	1.96	MVP	12/29/2005 / 16:38	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	1.96	MVP	12/29/2005 / 16:38	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	1.96	MVP	12/29/2005 / 16:38	
Methoxychlor	EPA 8081A	ND	ug/Kg	1.96	MVP	12/29/2005 / 16:38	
Endrin Ketone	EPA 8081A	ND	ug/Kg	1.96	MVP	12/29/2005 / 16:38	
Chlordane	EPA 8081A	ND	ug/Kg	39.1	MVP	12/29/2005 / 16:38	
Toxaphene	EPA 8081A	ND	ug/Kg	39.1	MVP	12/29/2005 / 16:38	
TCMX (SURROGATE)		69.8	%		MVP	12/29/2005 / 16:38	
DCB (SURROGATE)		77.0	%		MVP	12/29/2005 / 16:38	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	39.1	MB	12/27/2005 / 21:36	
PCB-1221	EPA 8082	ND	ug/Kg	39.1	MB	12/27/2005 / 21:36	
PCB-1232	EPA 8082	ND	ug/Kg	39.1	MB	12/27/2005 / 21:36	
PCB-1242	EPA 8082	ND	ug/Kg	39.1	MB	12/27/2005 / 21:36	
PCB-1248	EPA 8082	ND	ug/Kg	39.1	MB	12/27/2005 / 21:36	
PCB-1254	EPA 8082	ND	ug/Kg	39.1	MB	12/27/2005 / 21:36	
PCB-1260	EPA 8082	ND	ug/Kg	39.1	MB	12/27/2005 / 21:36	
PCB-1262	EPA 8082	ND	ug/Kg	39.1	MB	12/27/2005 / 21:36	
PCB-1268	EPA 8082	ND	ug/Kg	39.1	MB	12/27/2005 / 21:36	
TCMX (SURROGATE)		87.7	%		MB	12/27/2005 / 21:36	
DCB (SURROGATE)		74.5	%		MB	12/27/2005 / 21:36	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.07	JS	12/27/2005 / 13:33	
Aluminum	6010B, SW-846	9630	mg/Kg	20.7	JS	12/27/2005 / 13:33	
Arsenic	6010B, SW-846	4.28	mg/Kg	1.03	JS	12/27/2005 / 13:33	
Barium	6010B, SW-846	58.2	mg/Kg	3.1	JS	12/27/2005 / 13:33	
Beryllium	6010B, SW-846	0.436	mg/Kg	0.310	JS	12/27/2005 / 13:33	
Cadmium	6010B, SW-846	0.316	mg/Kg	0.310	JS	12/27/2005 / 13:33	
Chromium	6010B, SW-846	25.6	mg/Kg	1.03	JS	12/27/2005 / 13:33	
Calcium	6010B, SW-846	3040	mg/Kg	155	JS	12/27/2005 / 13:33	
Iron	6010B, SW-846	30100	mg/Kg	10.3	JS	12/27/2005 / 13:33	B1
Cobalt	6010B, SW-846	9.16	mg/Kg	5.17	JS	12/27/2005 / 13:33	
Copper	6010B, SW-846	37.2	mg/Kg	5.17	JS	12/27/2005 / 13:33	
Lead	6010B, SW-846	59.1	mg/Kg	3.10	JS	12/27/2005 / 13:33	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 001 LPB-11 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Magnesium	6010B, SW-846	1980	mg/Kg	124	JS	12/27/2005 / 13:33	
Manganese	6010B, SW-846	499	mg/Kg	1.55	JS	12/27/2005 / 13:33	
Mercury	SW-846; 7471	0.157	mg/Kg	0.0394	NAP	12/27/2005 / 15:38	
Nickel	6010B, SW-846	17.1	mg/Kg	4.14	JS	12/27/2005 / 13:33	
Vanadium	6010B, SW-846	29.2	mg/Kg	5.17	JS	12/27/2005 / 13:33	
Selenium	6010B, SW-846	ND	mg/Kg	2.07	JS	12/27/2005 / 13:33	
Potassium	6010B, SW-846	926	mg/Kg	155	JS	12/27/2005 / 13:33	
Silver	6010B, SW-846	ND	mg/Kg	0.52	JS	12/27/2005 / 13:33	
Sodium	6010B, SW-846	ND	mg/Kg	155	JS	12/27/2005 / 13:33	
Thallium	6010B, SW-846	ND	mg/Kg	2.07	JS	12/27/2005 / 13:33	
Zinc	6010B, SW-846	109	mg/Kg	5.17	JS	12/27/2005 / 13:33	
Percent Solids		84.8	%		TLL	12/23/2005 / 7:33	
PCB OIL/SOIL EXTRACTIONS		30.15			TLL	12/26/2005 / 14:56	
Flame/ICP Solid Digestion	EPA 3050B	87.7193			SEF	12/22/2005 / 7:24	

Sample: 002 LPB-11 7-9
Collection Date: 12/20/2005 Time: 2:40:00PM
Matrix: SOIL

Received Date: 12/22/2005 Time: 11:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
Chloromethane	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
Bromomethane	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
Chloroethane	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
Acrolein	EPA 8260B	ND	ug/Kg	45	MVP	12/29/2005 / 12:44	
Acetone	EPA 8260B	53.7	ug/Kg	45	MVP	12/29/2005 / 12:44	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
Iodomethane	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	45	MVP	12/29/2005 / 12:44	
Methylene Chloride	EPA 8260B	ND	ug/Kg	36	MVP	12/29/2005 / 12:44	
Acrylonitrile	EPA 8260B	ND	ug/Kg	45	MVP	12/29/2005 / 12:44	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 002 LPB-11 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	45	MVP	12/29/2005 / 12:44	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	45	MVP	12/29/2005 / 12:44	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
Chloroform	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
Bromochloromethane	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
Benzene	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
Trichloroethylene	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	45	MVP	12/29/2005 / 12:44	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	45	MVP	12/29/2005 / 12:44	
Toluene	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
2-Hexanone	EPA 8260B	ND	ug/Kg	45	MVP	12/29/2005 / 12:44	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
Chlorobenzene	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
Ethylbenzene	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
M & P XYLENE	EPA 8260B	ND	ug/Kg	18	MVP	12/29/2005 / 12:44	
O-XYLENE	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
Styrene	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 8 of 52



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 002 LPB-11 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Bromoform	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
Bromobenzene	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
Naphthalene	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9.0	MVP	12/29/2005 / 12:44	
DIBROMOFLUOROMETHANE (SURR)		85.2	%		MVP	12/29/2005 / 12:44	
TOLUENE-D8 (SURROGATE)		103	%		MVP	12/29/2005 / 12:44	
4-BROMOFLUOROBENZENE (SURR)		109	%		MVP	12/29/2005 / 12:44	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
Phenol	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 002 LPB-11 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
Hexachloroethane	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	380	TLL	12/29/2005 / 20:54	
Nitrobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
Isophorone	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
bis (2-Chloroethoxy)	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
Naphthalene	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
Acenaphthylene	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
Acenaphthene	EPA 8270C	190	ug/Kg	190	TLL	12/29/2005 / 20:54	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
Dibenzofuran	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
Fluorene	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 002 LPB-11 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
Phenanthrene	EPA 8270C	1300	ug/Kg	190	TLL	12/29/2005 / 20:54	
Anthracene	EPA 8270C	360	ug/Kg	190	TLL	12/29/2005 / 20:54	
Carbazole	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
Fluoranthene	EPA 8270C	1200	ug/Kg	190	TLL	12/29/2005 / 20:54	
Benzidine	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
Pyrene	EPA 8270C	1500	ug/Kg	190	TLL	12/29/2005 / 20:54	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
Benzo(a)anthracene	EPA 8270C	600	ug/Kg	190	TLL	12/29/2005 / 20:54	
Chrysene	EPA 8270C	590	ug/Kg	190	TLL	12/29/2005 / 20:54	
bis(2-Ethylhexyl)phthalate	EPA 8270C	210	ug/Kg	190	TLL	12/29/2005 / 20:54	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
Benzo(b)fluoranthene	EPA 8270C	520	ug/Kg	190	TLL	12/29/2005 / 20:54	
Benzo(k)fluoranthene	EPA 8270C	510	ug/Kg	190	TLL	12/29/2005 / 20:54	
Benzo(a)pyrene	EPA 8270C	480	ug/Kg	190	TLL	12/29/2005 / 20:54	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 20:54	
2-FLUOROPHENOL (SURR)		48.1	%		TLL	12/29/2005 / 20:54	
PHENOL-D5 (SURR)		56.8	%		TLL	12/29/2005 / 20:54	
NITROBENZENE-D5 (SURR)		54.4	%		TLL	12/29/2005 / 20:54	
2-FLUOROBIPHENYL (SURR)		53.6	%		TLL	12/29/2005 / 20:54	
2,4,6-TRIBROMOPHENOL (SURR)		62.4	%		TLL	12/29/2005 / 20:54	
TERPHENYL-D14 (SURR)		78.5	%		TLL	12/29/2005 / 20:54	
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/Kg	1.86	MVP	12/29/2005 / 16:38	
beta-BHC	EPA 8081A	ND	ug/Kg	1.86	MVP	12/29/2005 / 16:38	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 11 of 52



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 002 LPB-11 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	1.86	MVP	12/29/2005 / 16:38	
delta-BHC	EPA 8081A	ND	ug/Kg	1.86	MVP	12/29/2005 / 16:38	
Heptachlor	EPA 8081A	ND	ug/Kg	1.86	MVP	12/29/2005 / 16:38	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	1.86	MVP	12/29/2005 / 16:38	
Aldrin	EPA 8081A	ND	ug/Kg	1.86	MVP	12/29/2005 / 16:38	
Dieldrin	EPA 8081A	ND	ug/Kg	1.86	MVP	12/29/2005 / 16:38	
Endrin	EPA 8081A	ND	ug/Kg	1.86	MVP	12/29/2005 / 16:38	
4,4'-DDD	EPA 8081A	ND	ug/Kg	1.86	MVP	12/29/2005 / 16:38	
4,4'-DDE	EPA 8081A	ND	ug/Kg	1.86	MVP	12/29/2005 / 16:38	
4,4'-DDT	EPA 8081A	ND	ug/Kg	1.86	MVP	12/29/2005 / 16:38	
Endosulfan I	EPA 8081A	ND	ug/Kg	1.86	MVP	12/29/2005 / 16:38	
Endosulfan II	EPA 8081A	ND	ug/Kg	1.86	MVP	12/29/2005 / 16:38	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	1.86	MVP	12/29/2005 / 16:38	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	1.86	MVP	12/29/2005 / 16:38	
Methoxychlor	EPA 8081A	ND	ug/Kg	1.86	MVP	12/29/2005 / 16:38	
Endrin Ketone	EPA 8081A	ND	ug/Kg	1.86	MVP	12/29/2005 / 16:38	
Chlordane	EPA 8081A	ND	ug/Kg	37.2	MVP	12/29/2005 / 16:38	
Toxaphene	EPA 8081A	ND	ug/Kg	37.2	MVP	12/29/2005 / 16:38	
TCMX (SURROGATE)		92.5	%		MVP	12/29/2005 / 16:38	
DCB (SURROGATE)		70.0	%		MVP	12/29/2005 / 16:38	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	37.2	MB	12/27/2005 / 21:56	
PCB-1221	EPA 8082	ND	ug/Kg	37.2	MB	12/27/2005 / 21:56	
PCB-1232	EPA 8082	ND	ug/Kg	37.2	MB	12/27/2005 / 21:56	
PCB-1242	EPA 8082	ND	ug/Kg	37.2	MB	12/27/2005 / 21:56	
PCB-1248	EPA 8082	ND	ug/Kg	37.2	MB	12/27/2005 / 21:56	
PCB-1254	EPA 8082	ND	ug/Kg	37.2	MB	12/27/2005 / 21:56	
PCB-1260	EPA 8082	ND	ug/Kg	37.2	MB	12/27/2005 / 21:56	
PCB-1262	EPA 8082	ND	ug/Kg	37.2	MB	12/27/2005 / 21:56	
PCB-1268	EPA 8082	ND	ug/Kg	37.2	MB	12/27/2005 / 21:56	
TCMX (SURROGATE)		71.2	%		MB	12/27/2005 / 21:56	
DCB (SURROGATE)		40.8	%		MB	12/27/2005 / 21:56	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.16	JS	12/27/2005 / 13:33	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 002 LPB-11 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Aluminum	6010B, SW-846	8470	mg/Kg	21.6	JS	12/27/2005 / 13:33	
Arsenic	6010B, SW-846	3.78	mg/Kg	1.08	JS	12/27/2005 / 13:33	
Barium	6010B, SW-846	58.4	mg/Kg	3.2	JS	12/27/2005 / 13:33	
Beryllium	6010B, SW-846	ND	mg/Kg	0.324	JS	12/27/2005 / 13:33	
Cadmium	6010B, SW-846	ND	mg/Kg	0.324	JS	12/27/2005 / 13:33	
Chromium	6010B, SW-846	15.9	mg/Kg	1.08	JS	12/27/2005 / 13:33	
Calcium	6010B, SW-846	3240	mg/Kg	162	JS	12/27/2005 / 13:33	
Iron	6010B, SW-846	17400	mg/Kg	10.8	JS	12/27/2005 / 13:33	B1
Cobalt	6010B, SW-846	6.85	mg/Kg	5.40	JS	12/27/2005 / 13:33	
Copper	6010B, SW-846	26.5	mg/Kg	5.40	JS	12/27/2005 / 13:33	
Lead	6010B, SW-846	77.5	mg/Kg	3.24	JS	12/27/2005 / 13:33	
Magnesium	6010B, SW-846	1950	mg/Kg	130	JS	12/27/2005 / 13:33	
Manganese	6010B, SW-846	360	mg/Kg	1.62	JS	12/27/2005 / 13:33	
Mercury	SW-846; 7471	ND	mg/Kg	0.0373	NAP	12/27/2005 / 15:38	
Nickel	6010B, SW-846	14.6	mg/Kg	4.32	JS	12/27/2005 / 13:33	
Vanadium	6010B, SW-846	24.1	mg/Kg	5.40	JS	12/27/2005 / 13:33	
Selenium	6010B, SW-846	ND	mg/Kg	2.16	JS	12/27/2005 / 13:33	
Potassium	6010B, SW-846	874	mg/Kg	162	JS	12/27/2005 / 13:33	
Silver	6010B, SW-846	ND	mg/Kg	0.54	JS	12/27/2005 / 13:33	
Sodium	6010B, SW-846	ND	mg/Kg	162	JS	12/27/2005 / 13:33	
Thallium	6010B, SW-846	ND	mg/Kg	2.16	JS	12/27/2005 / 13:33	
Zinc	6010B, SW-846	80.9	mg/Kg	5.40	JS	12/27/2005 / 13:33	
Percent Solids		87.4	%		TLL	12/23/2005 / 7:33	
PCB OIL/SOIL EXTRACTIONS		30.79			TLL	12/26/2005 / 14:56	
Flame/ICP Solid Digestion	EPA 3050B	94.3396			SEF	12/22/2005 / 7:24	

Sample: 003 LPB-15 5-7

Collection Date: 12/21/2005 Time: 9:25:00AM
Matrix: SOIL

Received Date: 12/22/2005 Time: 11:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 13 of 52



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 003 LPB-15 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Chloromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
Bromomethane	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
Chloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
Acrolein	EPA 8260B	ND	ug/Kg	52	MVP	12/29/2005 / 1:17	
Acetone	EPA 8260B	149	ug/Kg	52	MVP	12/29/2005 / 1:17	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
Iodomethane	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	52	MVP	12/29/2005 / 1:17	
Methylene Chloride	EPA 8260B	ND	ug/Kg	42	MVP	12/29/2005 / 1:17	
Acrylonitrile	EPA 8260B	ND	ug/Kg	52	MVP	12/29/2005 / 1:17	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	52	MVP	12/29/2005 / 1:17	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	52	MVP	12/29/2005 / 1:17	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
Chloroform	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
Bromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
Benzene	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
Trichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	52	MVP	12/29/2005 / 1:17	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	52	MVP	12/29/2005 / 1:17	
Toluene	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 14 of 52



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 003 LPB-15 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
2-Hexanone	EPA 8260B	ND	ug/Kg	52	MVP	12/29/2005 / 1:17	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
Chlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
Ethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
M & P XYLENE	EPA 8260B	ND	ug/Kg	21	MVP	12/29/2005 / 1:17	
O-XYLENE	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
Styrene	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
Bromoform	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
Bromobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
Naphthalene	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	12/29/2005 / 1:17	
DIBROMOFLUOROMETHANE (SURR)		91.8	%		MVP	12/29/2005 / 1:17	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 15 of 52



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 003 LPB-15 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TOLUENE-D8 (SURROGATE)		97.0	%		MVP	12/29/2005 / 1:17	
4-BROMOFLUOROBENZENE (SURR)		98.1	%		MVP	12/29/2005 / 1:17	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
Phenol	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
Hexachloroethane	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	3800	TLL	12/29/2005 / 21:34	
Nitrobenzene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
Isophorone	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
bis (2-Chloroethoxy)	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
Naphthalene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
Acenaphthylene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 003 LPB-15 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
Acenaphthene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
Dibenzofuran	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
Fluorene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
Phenanthrene	EPA 8270C	2600	ug/Kg	1900	TLL	12/29/2005 / 21:34	
Anthracene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
Carbazole	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
Fluoranthene	EPA 8270C	2400	ug/Kg	1900	TLL	12/29/2005 / 21:34	
Benzidine	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
Pyrene	EPA 8270C	2800	ug/Kg	1900	TLL	12/29/2005 / 21:34	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
Chrysene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 17 of 52



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 003 LPB-15 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 21:34	
2-FLUOROPHENOL (SURR)		37.3	%		TLL	12/29/2005 / 21:34	
PHENOL-D5 (SURR)		38.4	%		TLL	12/29/2005 / 21:34	
NITROBENZENE-D5 (SURR)		18	%		TLL	12/29/2005 / 21:34	GX
2-FLUOROBIPHENYL (SURR)		57.6	%		TLL	12/29/2005 / 21:34	
2,4,6-TRIBROMOPHENOL (SURR)		33.5	%		TLL	12/29/2005 / 21:34	
TERPHENYL-D14 (SURR)		77.2	%		TLL	12/29/2005 / 21:34	
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/Kg	1.88	MVP	12/29/2005 / 16:38	
beta-BHC	EPA 8081A	ND	ug/Kg	1.88	MVP	12/29/2005 / 16:38	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	1.88	MVP	12/29/2005 / 16:38	
delta-BHC	EPA 8081A	ND	ug/Kg	1.88	MVP	12/29/2005 / 16:38	
Heptachlor	EPA 8081A	ND	ug/Kg	1.88	MVP	12/29/2005 / 16:38	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	1.88	MVP	12/29/2005 / 16:38	
Aldrin	EPA 8081A	ND	ug/Kg	1.88	MVP	12/29/2005 / 16:38	
Dieldrin	EPA 8081A	ND	ug/Kg	1.88	MVP	12/29/2005 / 16:38	
Endrin	EPA 8081A	ND	ug/Kg	1.88	MVP	12/29/2005 / 16:38	
4,4'-DDD	EPA 8081A	ND	ug/Kg	1.88	MVP	12/29/2005 / 16:38	
4,4'-DDE	EPA 8081A	ND	ug/Kg	1.88	MVP	12/29/2005 / 16:38	
4,4'-DDT	EPA 8081A	ND	ug/Kg	1.88	MVP	12/29/2005 / 16:38	
Endosulfan I	EPA 8081A	ND	ug/Kg	1.88	MVP	12/29/2005 / 16:38	
Endosulfan II	EPA 8081A	ND	ug/Kg	1.88	MVP	12/29/2005 / 16:38	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	1.88	MVP	12/29/2005 / 16:38	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	1.88	MVP	12/29/2005 / 16:38	
Methoxychlor	EPA 8081A	ND	ug/Kg	1.88	MVP	12/29/2005 / 16:38	
Endrin Ketone	EPA 8081A	ND	ug/Kg	1.88	MVP	12/29/2005 / 16:38	
Chlordane	EPA 8081A	ND	ug/Kg	37.6	MVP	12/29/2005 / 16:38	
Toxaphene	EPA 8081A	ND	ug/Kg	37.6	MVP	12/29/2005 / 16:38	
TCMX (SURROGATE)		71.9	%		MVP	12/29/2005 / 16:38	
DCB (SURROGATE)		127	%		MVP	12/29/2005 / 16:38	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	37.6	MB	12/27/2005 / 22:56	
PCB-1221	EPA 8082	ND	ug/Kg	37.6	MB	12/27/2005 / 22:56	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 003 LPB-15 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-1232	EPA 8082	ND	ug/Kg	37.6	MB	12/27/2005 / 22:56	
PCB-1242	EPA 8082	457	ug/Kg	37.6	MB	12/27/2005 / 22:56	
PCB-1248	EPA 8082	ND	ug/Kg	37.6	MB	12/27/2005 / 22:56	
PCB-1254	EPA 8082	ND	ug/Kg	37.6	MB	12/27/2005 / 22:56	
PCB-1260	EPA 8082	86.3	ug/Kg	37.6	MB	12/27/2005 / 22:56	
PCB-1262	EPA 8082	ND	ug/Kg	37.6	MB	12/27/2005 / 22:56	
PCB-1268	EPA 8082	ND	ug/Kg	37.6	MB	12/27/2005 / 22:56	
TCMX (SURROGATE)		93.3	%		MB	12/27/2005 / 22:56	
DCB (SURROGATE)		118	%		MB	12/27/2005 / 22:56	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	1.96	JS	12/27/2005 / 13:33	
Aluminum	6010B, SW-846	6450	mg/Kg	19.6	JS	12/27/2005 / 13:33	
Arsenic	6010B, SW-846	6.20	mg/Kg	0.978	JS	12/27/2005 / 13:33	
Barium	6010B, SW-846	137	mg/Kg	2.9	JS	12/27/2005 / 13:33	
Beryllium	6010B, SW-846	ND	mg/Kg	0.293	JS	12/27/2005 / 13:33	
Cadmium	6010B, SW-846	0.785	mg/Kg	0.293	JS	12/27/2005 / 13:33	
Chromium	6010B, SW-846	18.9	mg/Kg	0.978	JS	12/27/2005 / 13:33	
Calcium	6010B, SW-846	21500	mg/Kg	147	JS	12/27/2005 / 13:33	
Iron	6010B, SW-846	12400	mg/Kg	9.78	JS	12/27/2005 / 13:33	B1
Cobalt	6010B, SW-846	5.03	mg/Kg	4.89	JS	12/27/2005 / 13:33	
Copper	6010B, SW-846	60.8	mg/Kg	4.89	JS	12/27/2005 / 13:33	
Lead	6010B, SW-846	160	mg/Kg	2.93	JS	12/27/2005 / 13:33	
Magnesium	6010B, SW-846	3630	mg/Kg	117	JS	12/27/2005 / 13:33	
Manganese	6010B, SW-846	204	mg/Kg	1.47	JS	12/27/2005 / 13:33	
Mercury	SW-846; 7471	0.275	mg/Kg	0.0391	NAP	12/27/2005 / 15:38	
Nickel	6010B, SW-846	16.5	mg/Kg	3.91	JS	12/27/2005 / 13:33	
Vanadium	6010B, SW-846	24.0	mg/Kg	4.89	JS	12/27/2005 / 13:33	
Selenium	6010B, SW-846	ND	mg/Kg	1.96	JS	12/27/2005 / 13:33	
Potassium	6010B, SW-846	746	mg/Kg	147	JS	12/27/2005 / 13:33	
Silver	6010B, SW-846	ND	mg/Kg	0.49	JS	12/27/2005 / 13:33	
Sodium	6010B, SW-846	264	mg/Kg	147	JS	12/27/2005 / 13:33	
Thallium	6010B, SW-846	ND	mg/Kg	1.96	JS	12/27/2005 / 13:33	
Zinc	6010B, SW-846	262	mg/Kg	4.89	JS	12/27/2005 / 13:33	
Percent Solids		85.9	%		TLL	12/23/2005 / 7:33	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 003 LPB-15 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB OIL/SOIL EXTRACTIONS		30.97			TLL	12/26/2005 / 14:56	
Flame/ICP Solid Digestion	EPA 3050B	84.0336			SEF	12/22/2005 / 7:24	

Sample: 004 LPB-15 7-9

Collection Date: 12/21/2005 Time: 9:40:00AM

Received Date: 12/22/2005 Time: 11:00:00AM

Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
Chloromethane	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
Bromomethane	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
Chloroethane	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
Acrolein	EPA 8260B	ND	ug/Kg	48	MVP	12/29/2005 / 1:50	
Acetone	EPA 8260B	85.8	ug/Kg	48	MVP	12/29/2005 / 1:50	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
Iodomethane	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	48	MVP	12/29/2005 / 1:50	
Methylene Chloride	EPA 8260B	ND	ug/Kg	38	MVP	12/29/2005 / 1:50	
Acrylonitrile	EPA 8260B	ND	ug/Kg	48	MVP	12/29/2005 / 1:50	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	48	MVP	12/29/2005 / 1:50	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	48	MVP	12/29/2005 / 1:50	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
Chloroform	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
Bromochloromethane	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 20 of 52



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 004 LPB-15 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Benzene	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
Trichloroethylene	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	48	MVP	12/29/2005 / 1:50	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	48	MVP	12/29/2005 / 1:50	
Toluene	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
2-Hexanone	EPA 8260B	ND	ug/Kg	48	MVP	12/29/2005 / 1:50	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
Chlorobenzene	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
Ethylbenzene	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
M & P XYLENE	EPA 8260B	ND	ug/Kg	19	MVP	12/29/2005 / 1:50	
O-XYLENE	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
Styrene	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
Bromoforn	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
Bromobenzene	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL = Practical Quantitation Limit

Page: 21 of 52



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 004 LPB-15 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
Naphthalene	EPA 8260B	9.95	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9.6	MVP	12/29/2005 / 1:50	
DIBROMOFLUOROMETHANE (SURR)		95.3	%		MVP	12/29/2005 / 1:50	
TOLUENE-D8 (SURROGATE)		101	%		MVP	12/29/2005 / 1:50	
4-BROMOFLUOROBENZENE (SURR)		98.7	%		MVP	12/29/2005 / 1:50	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
Phenol	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
Hexachloroethane	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	380	TLL	12/29/2005 / 22:14	
Nitrobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
Isophorone	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
bis (2-Chloroethoxy)	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
Naphthalene	EPA 8270C	190	ug/Kg	190	TLL	12/29/2005 / 22:14	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 004 LPB-15 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
4-Chloroaniline	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
2-Methyl Naphthalene	EPA 8270C	290	ug/Kg	190	TLL	12/29/2005 / 22:14	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
Acenaphthylene	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
Acenaphthene	EPA 8270C	380	ug/Kg	190	TLL	12/29/2005 / 22:14	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
Dibenzofuran	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
Fluorene	EPA 8270C	220	ug/Kg	190	TLL	12/29/2005 / 22:14	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
Phenanthrene	EPA 8270C	780	ug/Kg	190	TLL	12/29/2005 / 22:14	
Anthracene	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
Carbazole	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
Fluoranthene	EPA 8270C	650	ug/Kg	190	TLL	12/29/2005 / 22:14	
Benzidine	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
Pyrene	EPA 8270C	1600	ug/Kg	190	TLL	12/29/2005 / 22:14	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 23 of 52



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 004 LPB-15 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
3,3'-Dichlorbenzidine	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
Benzo(a)anthracene	EPA 8270C	340	ug/Kg	190	TLL	12/29/2005 / 22:14	
Chrysene	EPA 8270C	340	ug/Kg	190	TLL	12/29/2005 / 22:14	
bis(2-Ethylhexyl)phthalate	EPA 8270C	530	ug/Kg	190	TLL	12/29/2005 / 22:14	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
Benzo(b)fluoranthene	EPA 8270C	310	ug/Kg	190	TLL	12/29/2005 / 22:14	
Benzo(k)fluoranthene	EPA 8270C	230	ug/Kg	190	TLL	12/29/2005 / 22:14	
Benzo(a)pyrene	EPA 8270C	320	ug/Kg	190	TLL	12/29/2005 / 22:14	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	190	TLL	12/29/2005 / 22:14	
Benzo (g,h,i) perylene	EPA 8270C	270	ug/Kg	190	TLL	12/29/2005 / 22:14	
2-FLUOROPHENOL (SURR)		52.2	%		TLL	12/29/2005 / 22:14	
PHENOL-D5 (SURR)		65.7	%		TLL	12/29/2005 / 22:14	
NITROBENZENE-D5 (SURR)		67.2	%		TLL	12/29/2005 / 22:14	
2-FLUOROBIPHENYL (SURR)		66.1	%		TLL	12/29/2005 / 22:14	
2,4,6-TRIBROMOPHENOL (SURR)		65.6	%		TLL	12/29/2005 / 22:14	
TERPHENYL-D14 (SURR)		156	%		TLL	12/29/2005 / 22:14	GX
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/Kg	1.89	MVP	12/29/2005 / 16:38	
beta-BHC	EPA 8081A	ND	ug/Kg	1.89	MVP	12/29/2005 / 16:38	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	1.89	MVP	12/29/2005 / 16:38	
delta-BHC	EPA 8081A	ND	ug/Kg	1.89	MVP	12/29/2005 / 16:38	
Heptachlor	EPA 8081A	ND	ug/Kg	1.89	MVP	12/29/2005 / 16:38	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	1.89	MVP	12/29/2005 / 16:38	
Aldrin	EPA 8081A	ND	ug/Kg	1.89	MVP	12/29/2005 / 16:38	
Dieldrin	EPA 8081A	ND	ug/Kg	1.89	MVP	12/29/2005 / 16:38	
Endrin	EPA 8081A	ND	ug/Kg	1.89	MVP	12/29/2005 / 16:38	
4,4'-DDD	EPA 8081A	ND	ug/Kg	1.89	MVP	12/29/2005 / 16:38	
4,4'-DDE	EPA 8081A	ND	ug/Kg	1.89	MVP	12/29/2005 / 16:38	
4,4'-DDT	EPA 8081A	ND	ug/Kg	1.89	MVP	12/29/2005 / 16:38	
Endosulfan I	EPA 8081A	ND	ug/Kg	1.89	MVP	12/29/2005 / 16:38	
Endosulfan II	EPA 8081A	ND	ug/Kg	1.89	MVP	12/29/2005 / 16:38	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 004 LPB-15 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	1.89	MVP	12/29/2005 / 16:38	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	1.89	MVP	12/29/2005 / 16:38	
Methoxychlor	EPA 8081A	ND	ug/Kg	1.89	MVP	12/29/2005 / 16:38	
Endrin Ketone	EPA 8081A	ND	ug/Kg	1.89	MVP	12/29/2005 / 16:38	
Chlordane	EPA 8081A	ND	ug/Kg	37.9	MVP	12/29/2005 / 16:38	
Toxaphene	EPA 8081A	ND	ug/Kg	37.9	MVP	12/29/2005 / 16:38	
TCMX (SURROGATE)		84.1	%		MVP	12/29/2005 / 16:38	
DCB (SURROGATE)		124	%		MVP	12/29/2005 / 16:38	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	37.9	MB	12/27/2005 / 23:17	
PCB-1221	EPA 8082	ND	ug/Kg	37.9	MB	12/27/2005 / 23:17	
PCB-1232	EPA 8082	ND	ug/Kg	37.9	MB	12/27/2005 / 23:17	
PCB-1242	EPA 8082	ND	ug/Kg	37.9	MB	12/27/2005 / 23:17	
PCB-1248	EPA 8082	ND	ug/Kg	37.9	MB	12/27/2005 / 23:17	
PCB-1254	EPA 8082	ND	ug/Kg	37.9	MB	12/27/2005 / 23:17	
PCB-1260	EPA 8082	ND	ug/Kg	37.9	MB	12/27/2005 / 23:17	
PCB-1262	EPA 8082	ND	ug/Kg	37.9	MB	12/27/2005 / 23:17	
PCB-1268	EPA 8082	ND	ug/Kg	37.9	MB	12/27/2005 / 23:17	
TCMX (SURROGATE)		95.3	%		MB	12/27/2005 / 23:17	
DCB (SURROGATE)		89.4	%		MB	12/27/2005 / 23:17	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	1.99	JS	12/27/2005 / 13:33	M2
Aluminum	6010B, SW-846	9010	mg/Kg	19.9	JS	12/27/2005 / 13:33	MHA
Arsenic	6010B, SW-846	3.44	mg/Kg	0.997	JS	12/27/2005 / 13:33	
Barium	6010B, SW-846	50.3	mg/Kg	3.0	JS	12/27/2005 / 13:33	
Beryllium	6010B, SW-846	ND	mg/Kg	0.299	JS	12/27/2005 / 13:33	
Cadmium	6010B, SW-846	ND	mg/Kg	0.299	JS	12/27/2005 / 13:33	
Chromium	6010B, SW-846	20.8	mg/Kg	0.997	JS	12/27/2005 / 13:33	
Calcium	6010B, SW-846	2510	mg/Kg	150	JS	12/27/2005 / 13:33	
Iron	6010B, SW-846	21200	mg/Kg	9.97	JS	12/27/2005 / 13:33	B1
Cobalt	6010B, SW-846	7.65	mg/Kg	4.99	JS	12/27/2005 / 13:33	MHA
Copper	6010B, SW-846	21.2	mg/Kg	4.99	JS	12/27/2005 / 13:33	
Lead	6010B, SW-846	20.4	mg/Kg	2.99	JS	12/27/2005 / 13:33	
Magnesium	6010B, SW-846	2490	mg/Kg	120	JS	12/27/2005 / 13:33	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 004 LPB-15 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Manganese	6010B, SW-846	407	mg/Kg	1.50	JS	12/27/2005 / 13:33	MHA
Mercury	SW-846; 7471	0.143	mg/Kg	0.0369	NAP	12/27/2005 / 15:38	
Nickel	6010B, SW-846	15.0	mg/Kg	3.99	JS	12/27/2005 / 13:33	
Vanadium	6010B, SW-846	29.0	mg/Kg	4.99	JS	12/27/2005 / 13:33	
Selenium	6010B, SW-846	ND	mg/Kg	1.99	JS	12/27/2005 / 13:33	
Potassium	6010B, SW-846	1480	mg/Kg	150	JS	12/27/2005 / 13:33	
Silver	6010B, SW-846	ND	mg/Kg	0.50	JS	12/27/2005 / 13:33	
Sodium	6010B, SW-846	ND	mg/Kg	150	JS	12/27/2005 / 13:33	
Thallium	6010B, SW-846	2.04	mg/Kg	1.99	JS	12/27/2005 / 13:33	
Zinc	6010B, SW-846	54.0	mg/Kg	4.99	JS	12/27/2005 / 13:33	
Percent Solids		87.2	%		TLL	12/23/2005 / 7:33	
PCB OIL/SOIL EXTRACTIONS		30.29			TLL	12/26/2005 / 14:56	
Flame/ICP Solid Digestion	EPA 3050B	88.9565			SEF	12/22/2005 / 7:24	

Sample: 005 FB122105

Collection Date: 12/21/2005 Time: 1:00:00PM

Matrix: WATER

Received Date: 12/22/2005 Time: 11:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics 8260							
Dichlorodifluoromethane	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
Vinyl Chloride	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
Chloromethane	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
Bromomethane	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
Chloroethane	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
Trichlorofluoromethane	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
Acrolein	EPA 8260B	ND	ug/L	25	MVP	12/27/2005 / 14:35	
Acetone	EPA 8260B	ND	ug/L	25	MVP	12/27/2005 / 14:35	
1,1-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
Iodomethane	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
Carbon Disulfide	EPA 8260B	ND	ug/L	25	MVP	12/27/2005 / 14:35	
Methylene Chloride	EPA 8260B	6.72	ug/L	5.0	MVP	12/27/2005 / 14:35	B
Acrylonitrile	EPA 8260B	ND	ug/L	25	MVP	12/27/2005 / 14:35	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 26 of 52



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 005 FB122105
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
1,1-Dichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
Vinyl Acetate	EPA 8260B	ND	ug/L	25	MVP	12/27/2005 / 14:35	
2-Butanone-(MEK)	EPA 8260B	ND	ug/L	25	MVP	12/27/2005 / 14:35	
2,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
Chloroform	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
Bromochloromethane	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
1,1-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
Carbon Tetrachloride	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
Benzene	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
1,2-Dichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
Trichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
1,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/L	25	MVP	12/27/2005 / 14:35	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/L	25	MVP	12/27/2005 / 14:35	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
Toluene	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
Bromodichloromethane	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
1,2-Dibromoethane	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
2-Hexanone	EPA 8260B	ND	ug/L	25	MVP	12/27/2005 / 14:35	
1,3-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
Tetrachloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
Dibromochloromethane	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
Chlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
Ethylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
M & P-XYLENE	EPA 8260B	ND	ug/L	10	MVP	12/27/2005 / 14:35	
O-XYLENE	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
Styrene	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
Bromoform	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 005 FB122105
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Isopropylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
n-Propylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
Bromobenzene	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
2-Chlorotoluene	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
4-Chlorotoluene	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
tert-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
sec-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
4-Isopropyltoluene	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
n-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
Hexachlorobutadiene	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
Naphthalene	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	12/27/2005 / 14:35	
DIBROMOFLUOROMETHANE (SURR)		103	%		MVP	12/27/2005 / 14:35	
TOLUENE-D8 (SURROGATE)		98.5	%		MVP	12/27/2005 / 14:35	
4-BROMOFLUOROBENZENE (SURR)		93.6	%		MVP	12/27/2005 / 14:35	
B/NA Extractables EPA 8270							
N-Nitrosodimethylamine	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
Phenol	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
2-Chlorophenol	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
2-Methyl Phenol	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 005 FB122105
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Hexachloroethane	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
3&4-Methyl Phenol	EPA 8270C	ND	ug/L	10	TLL	12/30/2005 / 13:28	
Nitrobenzene	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
Isophorone	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
2-Nitrophenol	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
2,4-Dimethylphenol	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
bis (2-Chloroethoxy)	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
2,4-Dichlorophenol	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
Naphthalene	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
4-Chloroaniline	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
Hexachlorobutadiene	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
2-Methylnaphthalene	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
2-Chloronaphthalene	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
2-Nitroaniline	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
Acenaphthylene	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
Dimethyl Phthalate	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
Acenaphthene	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
3-Nitroaniline	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
2,4-Dinitrophenol	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
Dibenzofuran	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
4-Nitrophenol	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
Fluorene	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
Diethyl Phthalate	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
4-Nitroaniline	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 005 FB122105
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
Hexachlorobenzene	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
Pentachlorophenol	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
Phenanthrene	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
Anthracene	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
Carbazole	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
Di-n-butylphthalate	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
Fluoranthene	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
Benzidine	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
Pyrene	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
Benzo(a)anthracene	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
Chrysene	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
Di-n-octyl phthalate	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
Benzo(a)pyrene	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/L	5.0	TLL	12/30/2005 / 13:28	
2-FLUOROPHENOL (SURR)		22.7	%		TLL	12/30/2005 / 13:28	
PHENOL-D5 (SURR)		19.1	%		TLL	12/30/2005 / 13:28	
NITROBENZENE-D5 (SURR)		52.4	%		TLL	12/30/2005 / 13:28	
2-FLUOROBIPHENYL (SURR)		53.4	%		TLL	12/30/2005 / 13:28	
2,4,6-TRIBROMOPHENOL (SURR)		31.0	%		TLL	12/30/2005 / 13:28	G6
TERPHENYL-D14 (SURR)		55.3	%		TLL	12/30/2005 / 13:28	
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/L	0.05	MVP	12/29/2005 / 17:04	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/L	0.05	MVP	12/29/2005 / 17:04	
beta-BHC	EPA 8081A	ND	ug/L	0.05	MVP	12/29/2005 / 17:04	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 005 FB122105
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Aldrin	EPA 8081A	ND	ug/L	0.05	MVP	12/29/2005 / 17:04	
Heptachlor	EPA 8081A	ND	ug/L	0.05	MVP	12/29/2005 / 17:04	
delta-BHC	EPA 8081A	ND	ug/L	0.05	MVP	12/29/2005 / 17:04	
Heptachlor Epoxide	EPA 8081A	ND	ug/L	0.05	MVP	12/29/2005 / 17:04	
Endosulfan I	EPA 8081A	ND	ug/L	0.05	MVP	12/29/2005 / 17:04	
4,4'-DDE	EPA 8081A	ND	ug/L	0.05	MVP	12/29/2005 / 17:04	
Dieldrin	EPA 8081A	ND	ug/L	0.05	MVP	12/29/2005 / 17:04	
Endrin	EPA 8081A	ND	ug/L	0.05	MVP	12/29/2005 / 17:04	
4,4'-DDD	EPA 8081A	ND	ug/L	0.05	MVP	12/29/2005 / 17:04	
Endosulfan II	EPA 8081A	ND	ug/L	0.05	MVP	12/29/2005 / 17:04	
Endrin Aldehyde	EPA 8081A	ND	ug/L	0.05	MVP	12/29/2005 / 17:04	
4,4'-DDT	EPA 8081A	ND	ug/L	0.05	MVP	12/29/2005 / 17:04	
Endosulfan Sulfate	EPA 8081A	ND	ug/L	0.05	MVP	12/29/2005 / 17:04	
Methoxychlor	EPA 8081A	ND	ug/L	0.05	MVP	12/29/2005 / 17:04	
Endrin Ketone	EPA 8081A	ND	ug/L	0.05	MVP	12/29/2005 / 17:04	
Chlordane	EPA 8081A	ND	ug/L	1.06	MVP	12/29/2005 / 17:04	
Toxaphene	EPA 8081A	ND	ug/L	1.06	MVP	12/29/2005 / 17:04	
TCMX (SURROGATE)		107	%		MVP	12/29/2005 / 17:04	
DCB (SURROGATE)		140	%		MVP	12/29/2005 / 17:04	G1
PCB							
PCB-1016	EPA 8082	ND	ug/L	1.06	MB	12/28/2005 / 1:37	
PCB-1221	EPA 8082	ND	ug/L	1.06	MB	12/28/2005 / 1:37	
PCB-1232	EPA 8082	ND	ug/L	1.06	MB	12/28/2005 / 1:37	
PCB-1242	EPA 8082	ND	ug/L	1.06	MB	12/28/2005 / 1:37	
PCB-1248	EPA 8082	ND	ug/L	1.06	MB	12/28/2005 / 1:37	
PCB-1254	EPA 8082	ND	ug/L	1.06	MB	12/28/2005 / 1:37	
PCB-1260	EPA 8082	ND	ug/L	1.06	MB	12/28/2005 / 1:37	
PCB-1262	EPA 8082	ND	ug/L	1.06	MB	12/28/2005 / 1:37	
TCMX (SURROGATE)		122	%		MB	12/28/2005 / 1:37	
DCB (SURROGATE)		77.8	%		MB	12/28/2005 / 1:37	
Target Analyte List Metals							
Aluminum	200.7, EPA 1987	ND	mg/L	0.150	JRH	12/28/2005 / 13:46	
Antimony	200.7, EPA 1987	ND	mg/L	0.0100	JRH	12/28/2005 / 13:46	
Barium	200.7, EPA 1987	ND	mg/L	0.0100	JRH	12/28/2005 / 13:46	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 31 of 52



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 005 FB122105
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Arsenic	200.7, EPA 1987	ND	mg/L	0.0100	JRH	12/28/2005 / 13:46	
Beryllium	200.7, EPA 1987	ND	mg/L	0.00250	JRH	12/28/2005 / 13:46	
Cadmium	200.7, EPA 1987	ND	mg/L	0.00110	JRH	12/28/2005 / 13:46	
Chromium	200.7, EPA 1987	ND	mg/L	0.00600	JRH	12/28/2005 / 13:46	
Calcium	200.7, EPA 1987	ND	mg/L	0.500	JRH	12/28/2005 / 13:46	
Copper	200.7, EPA 1987	0.0134	mg/L	0.00500	JRH	12/29/2005 / 16:28	
Cobalt	200.7, EPA 1987	ND	mg/L	0.0500	JRH	12/28/2005 / 13:46	
Iron	200.7, EPA 1987	ND	mg/L	0.100	JRH	12/28/2005 / 13:46	
Magnesium	200.7, EPA 1987	ND	mg/L	0.500	JRH	12/28/2005 / 13:46	
Lead	200.7, EPA 1987	ND	mg/L	0.0100	JRH	12/28/2005 / 13:46	
Manganese	200.7, EPA 1987	ND	mg/L	0.00700	JRH	12/28/2005 / 13:46	
Mercury	245.1, EPA 1983	ND	mg/L	0.000200	NAP	12/26/2005 / 14:49	
Nickel	200.7, EPA 1987	ND	mg/L	0.0400	JRH	12/28/2005 / 13:46	
Potassium	200.7, EPA 1987	ND	mg/L	0.500	JRH	12/28/2005 / 13:46	
Sodium	200.7, EPA 1987	ND	mg/L	2.00	JRH	12/28/2005 / 13:46	
Silver	200.7, EPA 1987	ND	mg/L	0.00500	JRH	12/28/2005 / 13:46	
Selenium	200.7, EPA 1987	ND	mg/L	0.0200	JRH	12/28/2005 / 13:46	
Zinc	200.7, EPA 1987	ND	mg/L	0.0500	JRH	12/28/2005 / 13:46	
Thallium	200.7, EPA 1987	ND	mg/L	0.0200	JRH	12/28/2005 / 13:46	
Vanadium	200.7, EPA 1987	ND	mg/L	0.0500	JRH	12/28/2005 / 13:46	
608 WATER EXTRACTION		0.940			NS	12/26/2005 / 15:09	
PCB WATER EXTRACTION		0.940			TLL	12/26/2005 / 13:40	

Sample: 006 LPB-6 5-7

Collection Date: 12/21/2005 Time: 2:15:00PM

Matrix: SOIL

Received Date: 12/22/2005 Time: 11:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
Chloromethane	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
Bromomethane	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
Chloroethane	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 32 of 52



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 006 LPB-6 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
Acrolein	EPA 8260B	ND	ug/Kg	47	MVP	12/29/2005 / 2:23	
Acetone	EPA 8260B	ND	ug/Kg	47	MVP	12/29/2005 / 2:23	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
Iodomethane	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	47	MVP	12/29/2005 / 2:23	
Methylene Chloride	EPA 8260B	ND	ug/Kg	37	MVP	12/29/2005 / 2:23	
Acrylonitrile	EPA 8260B	ND	ug/Kg	47	MVP	12/29/2005 / 2:23	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	47	MVP	12/29/2005 / 2:23	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	47	MVP	12/29/2005 / 2:23	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
Chloroform	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
Bromochloromethane	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
Benzene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
Trichloroethylene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	47	MVP	12/29/2005 / 2:23	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	47	MVP	12/29/2005 / 2:23	
Toluene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
2-Hexanone	EPA 8260B	ND	ug/Kg	47	MVP	12/29/2005 / 2:23	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 006 LPB-6 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
Chlorobenzene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
Ethylbenzene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
M & P XYLENE	EPA 8260B	ND	ug/Kg	19	MVP	12/29/2005 / 2:23	
O-XYLENE	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
Styrene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
Bromofom	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
Bromobenzene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
1,3,5-Trimethylbenzene	EPA 8260B	10.3	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
1,2,4-Trimethylbenzene	EPA 8260B	31.5	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
Naphthalene	EPA 8260B	16.9	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9.4	MVP	12/29/2005 / 2:23	
DIBROMOFLUOROMETHANE (SURR)		117	%		MVP	12/29/2005 / 2:23	
TOLUENE-D8 (SURROGATE)		109	%		MVP	12/29/2005 / 2:23	
4-BROMOFLUOROBENZENE (SURR)		104	%		MVP	12/29/2005 / 2:23	
B/NA Extractables Soil							

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 006 LPB-6 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
Phenol	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
Hexachloroethane	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	3800	TLL	12/29/2005 / 22:54	
Nitrobenzene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
Isophorone	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
bis (2-Chloroethoxy)	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
Naphthalene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
Acenaphthylene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
Acenaphthene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 006 LPB-6 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
Dibenzofuran	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
Fluorene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
Phenanthrene	EPA 8270C	2100	ug/Kg	1900	TLL	12/29/2005 / 22:54	
Anthracene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
Carbazole	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
Fluoranthene	EPA 8270C	2600	ug/Kg	1900	TLL	12/29/2005 / 22:54	
Benzidine	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
Pyrene	EPA 8270C	5800	ug/Kg	1900	TLL	12/29/2005 / 22:54	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
Chrysene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	1900	TLL	12/29/2005 / 22:54	
2-FLUOROPHENOL (SURR)		27.1	%		TLL	12/29/2005 / 22:54	GX
PHENOL-D5 (SURR)		32.5	%		TLL	12/29/2005 / 22:54	GX

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 36 of 52



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 006 LPB-6 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
NITROBENZENE-D5 (SURR)		37.2	%		TLL	12/29/2005 / 22:54	
2-FLUOROBIPHENYL (SURR)		59.6	%		TLL	12/29/2005 / 22:54	
2,4,6-TRIBROMOPHENOL (SURR)		31.1	%		TLL	12/29/2005 / 22:54	
TERPHENYL-D14 (SURR)		114	%		TLL	12/29/2005 / 22:54	
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/Kg	1.90	MVP	12/29/2005 / 16:38	
beta-BHC	EPA 8081A	ND	ug/Kg	1.90	MVP	12/29/2005 / 16:38	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	1.90	MVP	12/29/2005 / 16:38	
delta-BHC	EPA 8081A	ND	ug/Kg	1.90	MVP	12/29/2005 / 16:38	
Heptachlor	EPA 8081A	ND	ug/Kg	1.90	MVP	12/29/2005 / 16:38	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	1.90	MVP	12/29/2005 / 16:38	
Aldrin	EPA 8081A	ND	ug/Kg	1.90	MVP	12/29/2005 / 16:38	
Dieldrin	EPA 8081A	ND	ug/Kg	1.90	MVP	12/29/2005 / 16:38	
Endrin	EPA 8081A	ND	ug/Kg	1.90	MVP	12/29/2005 / 16:38	
4,4'-DDD	EPA 8081A	ND	ug/Kg	1.90	MVP	12/29/2005 / 16:38	
4,4'-DDE	EPA 8081A	ND	ug/Kg	1.90	MVP	12/29/2005 / 16:38	
4,4'-DDT	EPA 8081A	ND	ug/Kg	1.90	MVP	12/29/2005 / 16:38	
Endosulfan I	EPA 8081A	ND	ug/Kg	1.90	MVP	12/29/2005 / 16:38	
Endosulfan II	EPA 8081A	ND	ug/Kg	1.90	MVP	12/29/2005 / 16:38	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	1.90	MVP	12/29/2005 / 16:38	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	1.90	MVP	12/29/2005 / 16:38	
Methoxychlor	EPA 8081A	ND	ug/Kg	1.90	MVP	12/29/2005 / 16:38	
Endrin Ketone	EPA 8081A	ND	ug/Kg	1.90	MVP	12/29/2005 / 16:38	
Chlordane	EPA 8081A	ND	ug/Kg	38.1	MVP	12/29/2005 / 16:38	
Toxaphene	EPA 8081A	ND	ug/Kg	38.1	MVP	12/29/2005 / 16:38	
TCMX (SURROGATE)		78.8	%		MVP	12/29/2005 / 16:38	
DCB (SURROGATE)		147	%		MVP	12/29/2005 / 16:38	G1
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	38.1	MB	12/27/2005 / 23:37	
PCB-1221	EPA 8082	ND	ug/Kg	38.1	MB	12/27/2005 / 23:37	
PCB-1232	EPA 8082	ND	ug/Kg	38.1	MB	12/27/2005 / 23:37	
PCB-1242	EPA 8082	ND	ug/Kg	38.1	MB	12/27/2005 / 23:37	
PCB-1248	EPA 8082	ND	ug/Kg	38.1	MB	12/27/2005 / 23:37	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL = Practical Quantitation Limit

Page: 37 of 52



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 006 LPB-6 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-1254	EPA 8082	ND	ug/Kg	38.1	MB	12/27/2005 / 23:37	
PCB-1260	EPA 8082	ND	ug/Kg	38.1	MB	12/27/2005 / 23:37	
PCB-1262	EPA 8082	ND	ug/Kg	38.1	MB	12/27/2005 / 23:37	
PCB-1268	EPA 8082	ND	ug/Kg	38.1	MB	12/27/2005 / 23:37	
TCMX (SURROGATE)		82.8	%		MB	12/27/2005 / 23:37	
DCB (SURROGATE)		86.0	%		MB	12/27/2005 / 23:37	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.20	JS	12/27/2005 / 13:33	
Aluminum	6010B, SW-846	3510	mg/Kg	22.0	JS	12/27/2005 / 13:33	
Arsenic	6010B, SW-846	6.51	mg/Kg	1.10	JS	12/27/2005 / 13:33	
Barium	6010B, SW-846	104	mg/Kg	3.3	JS	12/27/2005 / 13:33	
Beryllium	6010B, SW-846	ND	mg/Kg	0.330	JS	12/27/2005 / 13:33	
Cadmium	6010B, SW-846	0.570	mg/Kg	0.330	JS	12/27/2005 / 13:33	
Chromium	6010B, SW-846	11.9	mg/Kg	1.10	JS	12/27/2005 / 13:33	
Calcium	6010B, SW-846	9020	mg/Kg	165	JS	12/27/2005 / 13:33	
Iron	6010B, SW-846	12800	mg/Kg	11.0	JS	12/27/2005 / 13:33	
Cobalt	6010B, SW-846	ND	mg/Kg	5.50	JS	12/27/2005 / 13:33	
Copper	6010B, SW-846	61.7	mg/Kg	5.50	JS	12/27/2005 / 13:33	
Lead	6010B, SW-846	145	mg/Kg	3.30	JS	12/27/2005 / 13:33	
Magnesium	6010B, SW-846	1420	mg/Kg	132	JS	12/27/2005 / 13:33	
Manganese	6010B, SW-846	223	mg/Kg	1.65	JS	12/27/2005 / 13:33	
Mercury	SW-846; 7471	0.412	mg/Kg	0.0376	NAP	12/27/2005 / 15:38	
Nickel	6010B, SW-846	11.9	mg/Kg	4.40	JS	12/27/2005 / 13:33	
Vanadium	6010B, SW-846	15.0	mg/Kg	5.50	JS	12/27/2005 / 13:33	
Selenium	6010B, SW-846	ND	mg/Kg	2.20	JS	12/27/2005 / 13:33	
Potassium	6010B, SW-846	441	mg/Kg	165	JS	12/27/2005 / 13:33	
Silver	6010B, SW-846	ND	mg/Kg	0.55	JS	12/27/2005 / 13:33	
Sodium	6010B, SW-846	178	mg/Kg	165	JS	12/27/2005 / 13:33	
Thallium	6010B, SW-846	ND	mg/Kg	2.20	JS	12/27/2005 / 13:33	
Zinc	6010B, SW-846	156	mg/Kg	5.50	JS	12/27/2005 / 13:33	
Percent Solids		85.0	%		TLL	12/23/2005 / 7:33	
PCB OIL/SOIL EXTRACTIONS		30.90			TLL	12/26/2005 / 14:56	
Flame/ICP Solid Digestion	EPA 3050B	93.4579			SEF	12/22/2005 / 7:24	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 007 LPB-6 7-9

Collection Date: 12/21/2005 Time: 2:25:00PM

Received Date: 12/22/2005 Time: 11:00:00AM

Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
Chloromethane	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
Bromomethane	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
Chloroethane	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
Acrolein	EPA 8260B	ND	ug/Kg	53	MVP	12/29/2005 / 2:56	
Acetone	EPA 8260B	1300	ug/Kg	53	MVP	12/29/2005 / 2:56	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
Iodomethane	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	53	MVP	12/29/2005 / 2:56	
Methylene Chloride	EPA 8260B	ND	ug/Kg	43	MVP	12/29/2005 / 2:56	
Acrylonitrile	EPA 8260B	ND	ug/Kg	53	MVP	12/29/2005 / 2:56	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	53	MVP	12/29/2005 / 2:56	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	53	MVP	12/29/2005 / 2:56	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
Chloroform	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
Bromochloromethane	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
Benzene	EPA 8260B	16.1	ug/Kg	11	MVP	12/29/2005 / 2:56	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
Trichloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	53	MVP	12/29/2005 / 2:56	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 39 of 52



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 007 LPB-6 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	53	MVP	12/29/2005 / 2:56	
Toluene	EPA 8260B	29.2	ug/Kg	11	MVP	12/29/2005 / 2:56	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
2-Hexanone	EPA 8260B	ND	ug/Kg	53	MVP	12/29/2005 / 2:56	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
Chlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
Ethylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
M & P XYLENE	EPA 8260B	ND	ug/Kg	21	MVP	12/29/2005 / 2:56	
O-XYLENE	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
Styrene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
Bromoform	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
Bromobenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
1,2,4-Trimethylbenzene	EPA 8260B	32.3	ug/Kg	11	MVP	12/29/2005 / 2:56	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 40 of 52



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 007 LPB-6 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
Naphthalene	EPA 8260B	46.4	ug/Kg	11	MVP	12/29/2005 / 2:56	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 2:56	
DIBROMOFLUOROMETHANE (SURR)		106	%		MVP	12/29/2005 / 2:56	
TOLUENE-D8 (SURROGATE)		99.3	%		MVP	12/29/2005 / 2:56	
4-BROMOFLUOROBENZENE (SURR)		95.4	%		MVP	12/29/2005 / 2:56	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
Phenol	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
Hexachloroethane	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	8300	TLL	12/29/2005 / 23:34	
Nitrobenzene	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
Isophorone	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
bis (2-Chloroethoxy)	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
Naphthalene	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 41 of 52



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 007 LPB-6 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
Acenaphthylene	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
Acenaphthene	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
Dibenzofuran	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
Fluorene	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
Phenanthrene	EPA 8270C	15000	ug/Kg	4100	TLL	12/29/2005 / 23:34	
Anthracene	EPA 8270C	4600	ug/Kg	4100	TLL	12/29/2005 / 23:34	
Carbazole	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
Fluoranthene	EPA 8270C	10000	ug/Kg	4100	TLL	12/29/2005 / 23:34	
Benzidine	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
Pyrene	EPA 8270C	22000	ug/Kg	4100	TLL	12/29/2005 / 23:34	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
Benzo(a)anthracene	EPA 8270C	4800	ug/Kg	4100	TLL	12/29/2005 / 23:34	
Chrysene	EPA 8270C	4600	ug/Kg	4100	TLL	12/29/2005 / 23:34	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 42 of 52



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 007 LPB-6 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
Benzo(a)pyrene	EPA 8270C	4300	ug/Kg	4100	TLL	12/29/2005 / 23:34	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	4100	TLL	12/29/2005 / 23:34	
2-FLUOROPHENOL (SURR)			%		TLL	12/29/2005 / 23:34	G
PHENOL-D5 (SURR)			%		TLL	12/29/2005 / 23:34	G
NITROBENZENE-D5 (SURR)			%		TLL	12/29/2005 / 23:34	G
2-FLUOROBIPHENYL (SURR)			%		TLL	12/29/2005 / 23:34	G
2,4,6-TRIBROMOPHENOL (SURR)			%		TLL	12/29/2005 / 23:34	G
TERPHENYL-D14 (SURR)			%		TLL	12/29/2005 / 23:34	G
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/Kg	2.04	MVP	12/29/2005 / 16:38	
beta-BHC	EPA 8081A	ND	ug/Kg	2.04	MVP	12/29/2005 / 16:38	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	2.04	MVP	12/29/2005 / 16:38	
delta-BHC	EPA 8081A	ND	ug/Kg	2.04	MVP	12/29/2005 / 16:38	
Heptachlor	EPA 8081A	ND	ug/Kg	2.04	MVP	12/29/2005 / 16:38	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	2.04	MVP	12/29/2005 / 16:38	
Aldrin	EPA 8081A	ND	ug/Kg	2.04	MVP	12/29/2005 / 16:38	
Dieldrin	EPA 8081A	ND	ug/Kg	2.04	MVP	12/29/2005 / 16:38	
Endrin	EPA 8081A	ND	ug/Kg	2.04	MVP	12/29/2005 / 16:38	
4,4'-DDD	EPA 8081A	ND	ug/Kg	2.04	MVP	12/29/2005 / 16:38	
4,4'-DDE	EPA 8081A	ND	ug/Kg	2.04	MVP	12/29/2005 / 16:38	
4,4'-DDT	EPA 8081A	ND	ug/Kg	2.04	MVP	12/29/2005 / 16:38	
Endosulfan I	EPA 8081A	ND	ug/Kg	2.04	MVP	12/29/2005 / 16:38	
Endosulfan II	EPA 8081A	ND	ug/Kg	2.04	MVP	12/29/2005 / 16:38	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	2.04	MVP	12/29/2005 / 16:38	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	2.04	MVP	12/29/2005 / 16:38	
Methoxychlor	EPA 8081A	ND	ug/Kg	2.04	MVP	12/29/2005 / 16:38	
Endrin Ketone	EPA 8081A	ND	ug/Kg	2.04	MVP	12/29/2005 / 16:38	
Chlordane	EPA 8081A	ND	ug/Kg	40.8	MVP	12/29/2005 / 16:38	
Toxaphene	EPA 8081A	ND	ug/Kg	40.8	MVP	12/29/2005 / 16:38	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 43 of 52



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 007 LPB-6 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TCMX (SURROGATE)		101	%		MVP	12/29/2005 / 16:38	
DCB (SURROGATE)		114	%		MVP	12/29/2005 / 16:38	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	40.8	MB	12/27/2005 / 23:57	
PCB-1221	EPA 8082	ND	ug/Kg	40.8	MB	12/27/2005 / 23:57	
PCB-1232	EPA 8082	ND	ug/Kg	40.8	MB	12/27/2005 / 23:57	
PCB-1242	EPA 8082	ND	ug/Kg	40.8	MB	12/27/2005 / 23:57	
PCB-1248	EPA 8082	ND	ug/Kg	40.8	MB	12/27/2005 / 23:57	
PCB-1254	EPA 8082	ND	ug/Kg	40.8	MB	12/27/2005 / 23:57	
PCB-1260	EPA 8082	ND	ug/Kg	40.8	MB	12/27/2005 / 23:57	
PCB-1262	EPA 8082	ND	ug/Kg	40.8	MB	12/27/2005 / 23:57	
PCB-1268	EPA 8082	ND	ug/Kg	40.8	MB	12/27/2005 / 23:57	
TCMX (SURROGATE)		76.9	%		MB	12/27/2005 / 23:57	
DCB (SURROGATE)		75.3	%		MB	12/27/2005 / 23:57	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.05	JS	12/27/2005 / 13:33	
Aluminum	6010B, SW-846	1370	mg/Kg	20.5	JS	12/27/2005 / 13:33	
Arsenic	6010B, SW-846	3.83	mg/Kg	1.02	JS	12/27/2005 / 13:33	
Barium	6010B, SW-846	33.2	mg/Kg	3.1	JS	12/27/2005 / 13:33	
Beryllium	6010B, SW-846	ND	mg/Kg	0.307	JS	12/27/2005 / 13:33	
Cadmium	6010B, SW-846	ND	mg/Kg	0.307	JS	12/27/2005 / 13:33	
Chromium	6010B, SW-846	6.42	mg/Kg	1.02	JS	12/27/2005 / 13:33	
Calcium	6010B, SW-846	2420	mg/Kg	154	JS	12/27/2005 / 13:33	
Iron	6010B, SW-846	2780	mg/Kg	10.2	JS	12/27/2005 / 13:33	B1
Cobalt	6010B, SW-846	ND	mg/Kg	5.12	JS	12/27/2005 / 13:33	
Copper	6010B, SW-846	46.4	mg/Kg	5.12	JS	12/27/2005 / 13:33	
Lead	6010B, SW-846	81.0	mg/Kg	3.07	JS	12/27/2005 / 13:33	
Magnesium	6010B, SW-846	512	mg/Kg	123	JS	12/27/2005 / 13:33	
Manganese	6010B, SW-846	40.8	mg/Kg	1.54	JS	12/27/2005 / 13:33	
Mercury	SW-846; 7471	1.47	mg/Kg	0.0417	NAP	12/27/2005 / 15:38	
Nickel	6010B, SW-846	5.58	mg/Kg	4.10	JS	12/27/2005 / 13:33	
Vanadium	6010B, SW-846	5.98	mg/Kg	5.12	JS	12/27/2005 / 13:33	
Selenium	6010B, SW-846	ND	mg/Kg	2.05	JS	12/27/2005 / 13:33	
Potassium	6010B, SW-846	218	mg/Kg	154	JS	12/27/2005 / 13:33	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 44 of 52



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 007 LPB-6 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Silver	6010B, SW-846	ND	mg/Kg	0.51	JS	12/27/2005 / 13:33	
Sodium	6010B, SW-846	678	mg/Kg	154	JS	12/27/2005 / 13:33	
Thallium	6010B, SW-846	ND	mg/Kg	2.05	JS	12/27/2005 / 13:33	
Zinc	6010B, SW-846	38.0	mg/Kg	5.12	JS	12/27/2005 / 13:33	
Percent Solids		80.0	%		TLL	12/23/2005 / 7:33	
PCB OIL/SOIL EXTRACTIONS		30.62			TLL	12/26/2005 / 14:56	
Flame/ICP Solid Digestion	EPA 3050B	81.9672			SEF	12/22/2005 / 7:24	

Sample: 008 LPB-6 11-13
Collection Date: 12/21/2005 Time: 2:35:00PM
Matrix: SOIL

Received Date: 12/22/2005 Time: 11:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							1
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
Chloromethane	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
Bromomethane	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
Chloroethane	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
Acrolein	EPA 8260B	ND	ug/Kg	54	MVP	12/29/2005 / 3:29	
Acetone	EPA 8260B	55.6	ug/Kg	54	MVP	12/29/2005 / 3:29	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
Iodomethane	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	54	MVP	12/29/2005 / 3:29	
Methylene Chloride	EPA 8260B	ND	ug/Kg	43	MVP	12/29/2005 / 3:29	
Acrylonitrile	EPA 8260B	ND	ug/Kg	54	MVP	12/29/2005 / 3:29	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	54	MVP	12/29/2005 / 3:29	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	54	MVP	12/29/2005 / 3:29	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 45 of 52



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 008 LPB-6 11-13
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Chloroform	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
Bromochloromethane	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
Benzene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
Trichloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	54	MVP	12/29/2005 / 3:29	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	54	MVP	12/29/2005 / 3:29	
Toluene	EPA 8260B	19.2	ug/Kg	11	MVP	12/29/2005 / 3:29	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
2-Hexanone	EPA 8260B	ND	ug/Kg	54	MVP	12/29/2005 / 3:29	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
Chlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
Ethylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
M & P XYLENE	EPA 8260B	ND	ug/Kg	21	MVP	12/29/2005 / 3:29	
O-XYLENE	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
Styrene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
Bromoform	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
Bromobenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 46 of 52



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 008 LPB-6 11-13
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
Naphthalene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	12/29/2005 / 3:29	
DIBROMOFLUOROMETHANE (SURR)		131	%		MVP	12/29/2005 / 3:29	GX
TOLUENE-D8 (SURROGATE)		139	%		MVP	12/29/2005 / 3:29	GX
4-BROMOFLUOROBENZENE (SURR)		910	%		MVP	12/29/2005 / 3:29	GX
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
Phenol	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
Hexachloroethane	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	8200	TLL	12/30/2005 / 12:14	
Nitrobenzene	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
Isophorone	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 008 LPB-6 11-13
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
bis (2-Chloroethoxy)	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
Naphthalene	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
Acenaphthylene	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
Acenaphthene	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
Dibenzofuran	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
Fluorene	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
Phenanthrene	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
Anthracene	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 48 of 52



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 008 LPB-6 11-13
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Carbazole	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
Fluoranthene	EPA 8270C	5600	ug/Kg	4100	TLL	12/30/2005 / 12:14	
Benzidine	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
Pyrene	EPA 8270C	10000	ug/Kg	4100	TLL	12/30/2005 / 12:14	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
Benzo(a)anthracene	EPA 8270C	5500	ug/Kg	4100	TLL	12/30/2005 / 12:14	
Chrysene	EPA 8270C	5300	ug/Kg	4100	TLL	12/30/2005 / 12:14	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
Benzo(b)fluoranthene	EPA 8270C	7900	ug/Kg	4100	TLL	12/30/2005 / 12:14	
Benzo(k)fluoranthene	EPA 8270C	7400	ug/Kg	4100	TLL	12/30/2005 / 12:14	
Benzo(a)pyrene	EPA 8270C	8400	ug/Kg	4100	TLL	12/30/2005 / 12:14	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	4100	TLL	12/30/2005 / 12:14	
Benzo (g,h,i) perylene	EPA 8270C	10000	ug/Kg	4100	TLL	12/30/2005 / 12:14	
2-FLUOROPHENOL (SURRE)		%			TLL	12/30/2005 / 12:14	G
PHENOL-D5 (SURRE)		%			TLL	12/30/2005 / 12:14	G
NITROBENZENE-D5 (SURRE)		%			TLL	12/30/2005 / 12:14	G
2-FLUOROBIPHENYL (SURRE)		%			TLL	12/30/2005 / 12:14	G
2,4,6-TRIBROMOPHENOL (SURRE)		%			TLL	12/30/2005 / 12:14	G
TERPHENYL-D14 (SURRE)		%			TLL	12/30/2005 / 12:14	G
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/Kg	2.10	MVP	12/29/2005 / 16:38	
beta-BHC	EPA 8081A	ND	ug/Kg	2.10	MVP	12/29/2005 / 16:38	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	2.10	MVP	12/29/2005 / 16:38	
delta-BHC	EPA 8081A	ND	ug/Kg	2.10	MVP	12/29/2005 / 16:38	
Heptachlor	EPA 8081A	ND	ug/Kg	2.10	MVP	12/29/2005 / 16:38	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	2.10	MVP	12/29/2005 / 16:38	
Aldrin	EPA 8081A	ND	ug/Kg	2.10	MVP	12/29/2005 / 16:38	
Dieldrin	EPA 8081A	ND	ug/Kg	2.10	MVP	12/29/2005 / 16:38	
Endrin	EPA 8081A	ND	ug/Kg	2.10	MVP	12/29/2005 / 16:38	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 008 LPB-6 11-13
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
4,4'-DDD	EPA 8081A	ND	ug/Kg	2.10	MVP	12/29/2005 / 16:38	
4,4'-DDE	EPA 8081A	ND	ug/Kg	2.10	MVP	12/29/2005 / 16:38	
4,4'-DDT	EPA 8081A	ND	ug/Kg	2.10	MVP	12/29/2005 / 16:38	
Endosulfan I	EPA 8081A	ND	ug/Kg	2.10	MVP	12/29/2005 / 16:38	
Endosulfan II	EPA 8081A	ND	ug/Kg	2.10	MVP	12/29/2005 / 16:38	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	2.10	MVP	12/29/2005 / 16:38	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	2.10	MVP	12/29/2005 / 16:38	
Methoxychlor	EPA 8081A	ND	ug/Kg	2.10	MVP	12/29/2005 / 16:38	
Endrin Ketone	EPA 8081A	ND	ug/Kg	2.10	MVP	12/29/2005 / 16:38	
Chlordane	EPA 8081A	ND	ug/Kg	41.9	MVP	12/29/2005 / 16:38	
Toxaphene	EPA 8081A	ND	ug/Kg	41.9	MVP	12/29/2005 / 16:38	
TCMX (SURROGATE)		128	%		MVP	12/29/2005 / 16:38	
DCB (SURROGATE)		181	%		MVP	12/29/2005 / 16:38	G1
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	41.9	MB	12/28/2005 / 12:37	
PCB-1221	EPA 8082	ND	ug/Kg	41.9	MB	12/28/2005 / 12:37	
PCB-1232	EPA 8082	ND	ug/Kg	41.9	MB	12/28/2005 / 12:37	
PCB-1242	EPA 8082	ND	ug/Kg	41.9	MB	12/28/2005 / 12:37	
PCB-1248	EPA 8082	ND	ug/Kg	41.9	MB	12/28/2005 / 12:37	
PCB-1254	EPA 8082	ND	ug/Kg	41.9	MB	12/28/2005 / 12:37	
PCB-1260	EPA 8082	ND	ug/Kg	41.9	MB	12/28/2005 / 12:37	
PCB-1262	EPA 8082	ND	ug/Kg	41.9	MB	12/28/2005 / 12:37	
PCB-1268	EPA 8082	ND	ug/Kg	41.9	MB	12/28/2005 / 12:37	
TCMX (SURROGATE)		78.7	%		MB	12/28/2005 / 12:37	
DCB (SURROGATE)		67.0	%		MB	12/28/2005 / 12:37	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.24	JS	12/27/2005 / 13:33	
Aluminum	6010B, SW-846	2480	mg/Kg	22.4	JS	12/27/2005 / 13:33	
Arsenic	6010B, SW-846	12.5	mg/Kg	1.12	JS	12/27/2005 / 13:33	
Barium	6010B, SW-846	53.9	mg/Kg	3.4	JS	12/27/2005 / 13:33	
Beryllium	6010B, SW-846	ND	mg/Kg	0.336	JS	12/27/2005 / 13:33	
Cadmium	6010B, SW-846	0.510	mg/Kg	0.336	JS	12/27/2005 / 13:33	
Chromium	6010B, SW-846	10.1	mg/Kg	1.12	JS	12/27/2005 / 13:33	
Calcium	6010B, SW-846	3370	mg/Kg	168	JS	12/27/2005 / 13:33	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 50 of 52



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

Sample: 008 LPB-6 11-13
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Iron	6010B, SW-846	8110	mg/Kg	11.2	JS	12/27/2005 / 13:33	B1
Cobalt	6010B, SW-846	ND	mg/Kg	5.61	JS	12/27/2005 / 13:33	
Copper	6010B, SW-846	57.2	mg/Kg	5.61	JS	12/27/2005 / 13:33	
Lead	6010B, SW-846	121	mg/Kg	3.36	JS	12/27/2005 / 13:33	
Magnesium	6010B, SW-846	711	mg/Kg	135	JS	12/27/2005 / 13:33	
Manganese	6010B, SW-846	160	mg/Kg	1.68	JS	12/27/2005 / 13:33	
Mercury	SW-846; 7471	0.850	mg/Kg	0.0414	NAP	12/27/2005 / 15:38	
Nickel	6010B, SW-846	13.5	mg/Kg	4.49	JS	12/27/2005 / 13:33	
Vanadium	6010B, SW-846	12.4	mg/Kg	5.61	JS	12/27/2005 / 13:33	
Selenium	6010B, SW-846	ND	mg/Kg	2.24	JS	12/27/2005 / 13:33	
Potassium	6010B, SW-846	339	mg/Kg	168	JS	12/27/2005 / 13:33	
Silver	6010B, SW-846	ND	mg/Kg	0.56	JS	12/27/2005 / 13:33	
Sodium	6010B, SW-846	1110	mg/Kg	168	JS	12/27/2005 / 13:33	
Thallium	6010B, SW-846	2.48	mg/Kg	2.24	JS	12/27/2005 / 13:33	
Zinc	6010B, SW-846	198	mg/Kg	5.61	JS	12/27/2005 / 13:33	
Percent Solids		78.9	%		TLL	12/23/2005 / 7:33	
PCB OIL/SOIL EXTRACTIONS		30.22			TLL	12/26/2005 / 14:56	
Flame/ICP Solid Digestion	EPA 3050B	88.4956			SEF	12/22/2005 / 7:24	

- B1 Analyte was detected in the associated method blank. Analyte concentration in the sample is greater than 10x the concentration found in the method blank.
- G1 Due to sample matrix effects, the surrogate recovery was below the acceptance limits.
- G6 Surrogate recovery was below acceptance limits.
- GX Due to sample matrix effects, the surrogate recovery was outside acceptance limits.
- I Internal Standard recovery was outside of method limits. Matrix interference was confirmed by reanalysis.
- M2 The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
- MHA Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00286

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

Authorized By:

A handwritten signature in black ink, appearing to read "Robert Bell", written over a horizontal line.

Date: 12-30-05

Robert Bell, Environmental Laboratory Manager

NOTE: All solid results are reported on a dry weight basis unless otherwise noted.

Certifications:

MA: MA069

NY: 10982

CT: PH0119

RI: A45

NJ: 59744

ND = Not Detected PQL = Practical Quantitation Limit

Page: 52 of 52

7512-00286

CHAIN OF CUSTODY RECORD



AMERISCI BOSTON
8 School Street ~ Weymouth, MA 02189
888.724.5221 Toll Free
781.337.9334 Phone ~ 781.337.7642 Fax
www.amerisci.com

AMERISCI JOB NO. _____ PAGE _____ OF _____

DUE DATE:
☐ 1 DAY ☐ 2 DAY ☒ 3 DAY ☐ 7 DAY ☐ 10 DAY

TEMP UPON RECEIPT: **5.1°C**

DATA PACKAGE: _____ P.O.# _____

COMPANY: METCALP & EDDY, INC.		CLIENT CONTACT: NELSON ABBAMS		PROJECT NAME: DDC-LEONE PROPERTY		PROJECT NUMBER: 1140 ROUTE 22 EAST SUITE 107, BARNSTABLE, MA 01952		PROJECT STATE: NY		CONTAINER: P-PLASTIC G-GLASS V-VOA		PRESERVATIVES: _____		GRAB (G) OR COMPOSITE (C): _____		SAMPLE PH AT LOGIN: _____		Notes: _____	
LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	SIZE	TYPE	#	DATE	TIME	TECH											
LPB-11	5-7	Soil	1.0g	G	2	12/21/05	1430	MLK	X	X	X	X	X	X	X	X	X	VOCs TCA & VOCs PES TCADES PES TAL METALS	207-VOLs
LPB-11	7-9	"	"	"	"	12/21/05	1440	MLK	X	X	X	X	X	X	X	X			
LPB-15	5-7	"	"	"	"	12/21/05	925	EGA	X	X	X	X	X	X	X	X			
LPB-15	7-9	"	"	"	"	12/21/05	940	EGA	X	X	X	X	X	X	X	X			
LPB-12	2105	Water	2-4oz	GAP	5	12/21/05	1300	EGA	X	X	X	X	X	X	X	X			
LPB-6	5-7	Soil	1.0g	G	2	12/21/05	1415	MLK	X	X	X	X	X	X	X	X	VOCs TCA & VOCs PES TCADES PES TAL METALS	207-VOLs	
LPB-6	7-9	"	"	"	"	12/21/05	1425	MLK	X	X	X	X	X	X	X	X			
LPB-6	11-13	"	"	"	"	12/21/05	1435	MLK	X	X	X	X	X	X	X	X			
<p>SIGNED BY: (PRINT) <u>Sergeant C. Westphal</u> DATE: <u>12/21/05</u></p> <p>(SIGN) <u>M. John Chabon</u> TIME: (SIGN)</p> <p>RELINQUISHED BY: (PRINT) _____ DATE: _____</p> <p>(SIGN) _____ TIME: (SIGN)</p> <p>RELINQUISHED BY: (PRINT) _____ DATE: _____</p> <p>(SIGN) _____ TIME: (SIGN)</p>																			

Sample Receiving Form

CLIENT: <i>Metcalfe & E.</i>	WORKORDER: <i>DDC-LEVINE PROPERTY</i>
CLIENTS JOB: <i>0512-66286</i>	RECEIVED BY: <i>MD</i>
RECEIVED DATE:	SHIPPING METHOD:
TEMP UPON RECEIPT: <i>5.1</i>	

"No" responses must be explained in the comment section below.

Checklist	YES	NO	NA
Were custody seals on shipping container(s) intact? Check "NA" if no seals, or if containers were hand delivered.	<input checked="" type="checkbox"/>		
Were Chain of Custody Forms included with the samples?	<input checked="" type="checkbox"/>		
Were Chain of Custody Forms properly filled out (ink, signed, etc.)	<input checked="" type="checkbox"/>		
Were all containers received in good condition (Check for breakage/leaks)?	<input checked="" type="checkbox"/>		
Were all containers labeled with required information (Sample Id, date, signed, analysis, preservation)?	<input checked="" type="checkbox"/>		
Were the correct containers used for the tests indicated?	<input checked="" type="checkbox"/>		
Were proper preservation techniques indicated?	<input checked="" type="checkbox"/>		
Were samples received within holding times? If "NO" nonconformance form is required.	<input checked="" type="checkbox"/>		
Were all VOA bottles checked for the presence of air bubbles? If bubbles were found please note in the comment section.	<input checked="" type="checkbox"/>		
Were samples in direct contact with wet ice?	<input checked="" type="checkbox"/>		
If "NO" check one: <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> No Ice	<input checked="" type="checkbox"/>		
Is sample temperature recorded ?	<input checked="" type="checkbox"/>		
If "NO" check one: <input type="checkbox"/> Unable to record <input type="checkbox"/> Temp taken near samples	<input checked="" type="checkbox"/>		
Were pHs of samples checked and recorded on the COC forms?	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
Did the laboratory accept samples?	<input checked="" type="checkbox"/>		
Will samples be subcontracted? If "yes" list subcontractor and tests in specified sections below.		<input checked="" type="checkbox"/>	
Subcontractor:	Date Sent Out:		
Analyses Sent:			

Login Technician: <i>MD</i>	Login Review:
Comments:	
<i>DATA Package w/ EPA methods Full SVOC</i>	
<i>per Nelson Abrams.</i>	



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

Laboratory Report

Report Date 01/06/2006
Workorder No. 0512-00336

Customer: Metcalf & Eddy Associates
1140 Route 22 East
Suite 101
Bridgewater, NJ 08807

Attention: Mr. Nelson Abrams

Subject: DDC-LEVINE PROPERTY; 12/22-23

Sample: 001 LPB-19 5-7

Collection Date: 12/22/2005 Time: 9:20:00AM

Matrix: SOIL

Received Date: 12/26/2005 Time: 10:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
Chloromethane	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
Bromomethane	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
Chloroethane	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
Acrolein	EPA 8260B	ND	ug/Kg	51	MVP	01/03/2006 / 10:56	
Acetone	EPA 8260B	33	ug/Kg	51	MVP	01/03/2006 / 10:56	JB
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
Iodomethane	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	51	MVP	01/03/2006 / 10:56	
Methylene Chloride	EPA 8260B	19	ug/Kg	41	MVP	01/03/2006 / 10:56	JB
Acrylonitrile	EPA 8260B	ND	ug/Kg	51	MVP	01/03/2006 / 10:56	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	51	MVP	01/03/2006 / 10:56	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	51	MVP	01/03/2006 / 10:56	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
Chloroform	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
Bromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 1 of 47



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00336

Sample: 001 LPB-19 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
Benzene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
Trichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	51	MVP	01/03/2006 / 10:56	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	51	MVP	01/03/2006 / 10:56	
Toluene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
2-Hexanone	EPA 8260B	ND	ug/Kg	51	MVP	01/03/2006 / 10:56	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
Chlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
Ethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
M & P XYLENE	EPA 8260B	ND	ug/Kg	21	MVP	01/03/2006 / 10:56	
O-XYLENE	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
Styrene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
Bromoform	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
Bromobenzene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 2 of 47



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00336

Sample: 001 LPB-19 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 10:56	
Naphthalene	EPA 8260B	4	ug/Kg	10	MVP	01/03/2006 / 10:56	JB
1,2,3-Trichlorobenzene	EPA 8260B	4	ug/Kg	10	MVP	01/03/2006 / 10:56	JB
DIBROMOFLUOROMETHANE (SURR)		90.0	%		MVP	01/03/2006 / 10:56	
TOLUENE-D8 (SURROGATE)		97.5	%		MVP	01/03/2006 / 10:56	
4-BROMOFLUOROBENZENE (SURR)		103	%		MVP	01/03/2006 / 10:56	
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/Kg	2.1	MVP	01/05/2006 / 8:53	
beta-BHC	EPA 8081A	ND	ug/Kg	2.1	MVP	01/05/2006 / 8:53	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	2.1	MVP	01/05/2006 / 8:53	
delta-BHC	EPA 8081A	ND	ug/Kg	2.1	MVP	01/05/2006 / 8:53	
Heptachlor	EPA 8081A	ND	ug/Kg	2.1	MVP	01/05/2006 / 8:53	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	2.1	MVP	01/05/2006 / 8:53	
Aldrin	EPA 8081A	ND	ug/Kg	2.1	MVP	01/05/2006 / 8:53	
Dieldrin	EPA 8081A	ND	ug/Kg	2.1	MVP	01/05/2006 / 8:53	
Endrin	EPA 8081A	ND	ug/Kg	2.1	MVP	01/05/2006 / 8:53	
4,4'-DDD	EPA 8081A	ND	ug/Kg	2.1	MVP	01/05/2006 / 8:53	
4,4'-DDE	EPA 8081A	ND	ug/Kg	2.1	MVP	01/05/2006 / 8:53	
4,4'-DDT	EPA 8081A	ND	ug/Kg	2.1	MVP	01/05/2006 / 8:53	
Endosulfan I	EPA 8081A	ND	ug/Kg	2.1	MVP	01/05/2006 / 8:53	
Endosulfan II	EPA 8081A	ND	ug/Kg	2.1	MVP	01/05/2006 / 8:53	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	2.1	MVP	01/05/2006 / 8:53	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	2.1	MVP	01/05/2006 / 8:53	
Methoxychlor	EPA 8081A	ND	ug/Kg	2.1	MVP	01/05/2006 / 8:53	
Endrin Ketone	EPA 8081A	ND	ug/Kg	2.1	MVP	01/05/2006 / 8:53	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00336

Sample: 001 LPB-19 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Chlordane	EPA 8081A	ND	ug/Kg	42	MVP	01/05/2006 / 8:53	
Toxaphene	EPA 8081A	ND	ug/Kg	42	MVP	01/05/2006 / 8:53	
TCMX (SURROGATE)		73.3	%		MVP	01/05/2006 / 8:53	
DCB (SURROGATE)		36.3	%		MVP	01/05/2006 / 8:53	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	42	NAC	01/04/2006 / 23:05	
PCB-1221	EPA 8082	ND	ug/Kg	42	NAC	01/04/2006 / 23:05	
PCB-1232	EPA 8082	ND	ug/Kg	42	NAC	01/04/2006 / 23:05	
PCB-1242	EPA 8082	ND	ug/Kg	42	NAC	01/04/2006 / 23:05	
PCB-1248	EPA 8082	ND	ug/Kg	42	NAC	01/04/2006 / 23:05	
PCB-1254	EPA 8082	ND	ug/Kg	42	NAC	01/04/2006 / 23:05	
PCB-1260	EPA 8082	ND	ug/Kg	42	NAC	01/04/2006 / 23:05	
PCB-1262	EPA 8082	ND	ug/Kg	42	NAC	01/04/2006 / 23:05	
PCB-1268	EPA 8082	ND	ug/Kg	42	NAC	01/04/2006 / 23:05	
TCMX (SURROGATE)		53.9	%		NAC	01/04/2006 / 23:05	
DCB (SURROGATE)		39.2	%		NAC	01/04/2006 / 23:05	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.56	JRH	12/30/2005 / 1:00	
Aluminum	6010B, SW-846	10500	mg/Kg	25.6	JRH	12/30/2005 / 1:00	
Arsenic	6010B, SW-846	4.48	mg/Kg	1.28	JRH	12/30/2005 / 1:00	
Barium	6010B, SW-846	55.4	mg/Kg	3.8	JRH	12/30/2005 / 1:00	
Beryllium	6010B, SW-846	ND	mg/Kg	0.384	JRH	12/30/2005 / 1:00	
Cadmium	6010B, SW-846	ND	mg/Kg	0.384	JRH	12/30/2005 / 1:00	
Chromium	6010B, SW-846	17.8	mg/Kg	1.28	JRH	12/30/2005 / 1:00	
Calcium	6010B, SW-846	2620	mg/Kg	192	JRH	12/30/2005 / 1:00	
Iron	6010B, SW-846	14600	mg/Kg	12.8	JRH	12/30/2005 / 1:00	B1
Cobalt	6010B, SW-846	ND	mg/Kg	6.40	JRH	12/30/2005 / 1:00	
Copper	6010B, SW-846	30.6	mg/Kg	6.40	JRH	12/30/2005 / 1:00	
Lead	6010B, SW-846	49.7	mg/Kg	3.84	JRH	12/30/2005 / 1:00	
Magnesium	6010B, SW-846	2810	mg/Kg	154	JRH	12/30/2005 / 1:00	
Manganese	6010B, SW-846	137	mg/Kg	1.92	JRH	12/30/2005 / 1:00	
Mercury	SW-846; 7471	0.0870	mg/Kg	0.0420	NAP	12/30/2005 / 17:05	
Nickel	6010B, SW-846	15.5	mg/Kg	5.12	JRH	12/30/2005 / 1:00	
Vanadium	6010B, SW-846	20.5	mg/Kg	6.40	JRH	12/30/2005 / 1:00	



Customer:

Metcalf & Eddy Associates

Workorder No. 0512-00336

Sample: 001 LPB-19 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Selenium	6010B, SW-846	ND	mg/Kg	2.56	JRH	12/30/2005 / 1:00	
Potassium	6010B, SW-846	1320	mg/Kg	192	JRH	12/30/2005 / 1:00	
Silver	6010B, SW-846	ND	mg/Kg	0.64	JRH	12/30/2005 / 1:00	
Sodium	6010B, SW-846	556	mg/Kg	192	JRH	12/30/2005 / 1:00	
Thallium	6010B, SW-846	ND	mg/Kg	2.56	JRH	12/30/2005 / 1:00	
Zinc	6010B, SW-846	82.3	mg/Kg	6.40	JRH	12/30/2005 / 1:00	
Percent Solids		78.1	%		SEF	12/30/2005 / 11:51	
PCB OIL/SOIL EXTRACTIONS		30.46			MEW	01/04/2006 / 10:04	
Flame/ICP Solid Digestion	EPA 3050B	100.0000			SEF	12/29/2005 / 18:44	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
Phenol	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
Hexachloroethane	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	420	NAC	01/06/2006 / 4:19	
Nitrobenzene	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
Isophorone	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
Naphthalene	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 5 of 47

Sample: 001 LPB-19 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
Acenaphthylene	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
Acenaphthene	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
Dibenzofuran	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
Fluorene	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
Phenanthrene	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
Anthracene	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
Carbazole	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
Fluoranthene	EPA 8270C	56	ug/Kg	210	NAC	01/06/2006 / 4:19	J
Benzidine	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
Pyrene	EPA 8270C	54	ug/Kg	210	NAC	01/06/2006 / 4:19	J
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
Chrysene	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00336

Sample: 001 LPB-19 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
DI-n-octyl phthalate	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	210	NAC	01/06/2006 / 4:19	
2-FLUOROPHENOL (SURR)		64.7	%		NAC	01/06/2006 / 4:19	
PHENOL-D5 (SURR)		69.6	%		NAC	01/06/2006 / 4:19	
NITROBENZENE-D5 (SURR)		65.7	%		NAC	01/06/2006 / 4:19	
2-FLUOROBIPHENYL (SURR)		52.4	%		NAC	01/06/2006 / 4:19	
2,4,6-TRIBROMOPHENOL (SURR)		66.4	%		NAC	01/06/2006 / 4:19	
TERPHENYL-D14 (SURR)		48.4	%		NAC	01/06/2006 / 4:19	

Sample: 002 LPB-19 7-9
Collection Date: 12/22/2005 Time: 9:35:00AM
Matrix: SOIL

Received Date: 12/26/2005 Time: 10:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
Chloromethane	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
Bromomethane	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
Chloroethane	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
Acrolein	EPA 8260B	ND	ug/Kg	52	MVP	01/03/2006 / 11:29	
Acetone	EPA 8260B	47	ug/Kg	52	MVP	01/03/2006 / 11:29	JB
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
Iodomethane	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	52	MVP	01/03/2006 / 11:29	
Methylene Chloride	EPA 8260B	20	ug/Kg	42	MVP	01/03/2006 / 11:29	JB
Acrylonitrile	EPA 8260B	ND	ug/Kg	52	MVP	01/03/2006 / 11:29	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 7 of 47



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00336

Sample: 002 LPB-19 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	52	MVP	01/03/2006 / 11:29	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	52	MVP	01/03/2006 / 11:29	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
Chloroform	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
Bromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
Benzene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
Trichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	52	MVP	01/03/2006 / 11:29	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	52	MVP	01/03/2006 / 11:29	
Toluene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
2-Hexanone	EPA 8260B	ND	ug/Kg	52	MVP	01/03/2006 / 11:29	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
Chlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
Ethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
M & P XYLENE	EPA 8260B	ND	ug/Kg	21	MVP	01/03/2006 / 11:29	
O-XYLENE	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
Styrene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 8 of 47



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00336

Sample: 002 LPB-19 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Bromoform	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
Bromobenzene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
Naphthalene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	01/03/2006 / 11:29	
DIBROMOFLUOROMETHANE (SURR)		103	%		MVP	01/03/2006 / 11:29	
TOLUENE-D8 (SURROGATE)		105	%		MVP	01/03/2006 / 11:29	
4-BROMOFLUOROBENZENE (SURR)		110	%		MVP	01/03/2006 / 11:29	
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/Kg	2.1	MVP	01/05/2006 / 8:53	
beta-BHC	EPA 8081A	ND	ug/Kg	2.1	MVP	01/05/2006 / 8:53	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	2.1	MVP	01/05/2006 / 8:53	
delta-BHC	EPA 8081A	ND	ug/Kg	2.1	MVP	01/05/2006 / 8:53	
Heptachlor	EPA 8081A	ND	ug/Kg	2.1	MVP	01/05/2006 / 8:53	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	2.1	MVP	01/05/2006 / 8:53	
Aldrin	EPA 8081A	ND	ug/Kg	2.1	MVP	01/05/2006 / 8:53	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 9 of 47



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00336

Sample: 002 LPB-19 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Dieldrin	EPA 8081A	ND	ug/Kg	2.1	MVP	01/05/2006 / 8:53	
Endrin	EPA 8081A	ND	ug/Kg	2.1	MVP	01/05/2006 / 8:53	
4,4'-DDD	EPA 8081A	ND	ug/Kg	2.1	MVP	01/05/2006 / 8:53	
4,4'-DDE	EPA 8081A	ND	ug/Kg	2.1	MVP	01/05/2006 / 8:53	
4,4'-DDT	EPA 8081A	ND	ug/Kg	2.1	MVP	01/05/2006 / 8:53	
Endosulfan I	EPA 8081A	ND	ug/Kg	2.1	MVP	01/05/2006 / 8:53	
Endosulfan II	EPA 8081A	ND	ug/Kg	2.1	MVP	01/05/2006 / 8:53	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	2.1	MVP	01/05/2006 / 8:53	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	2.1	MVP	01/05/2006 / 8:53	
Methoxychlor	EPA 8081A	ND	ug/Kg	2.1	MVP	01/05/2006 / 8:53	
Endrin Ketone	EPA 8081A	ND	ug/Kg	2.1	MVP	01/05/2006 / 8:53	
Chlordane	EPA 8081A	ND	ug/Kg	41	MVP	01/05/2006 / 8:53	
Toxaphene	EPA 8081A	ND	ug/Kg	41	MVP	01/05/2006 / 8:53	
TCMX (SURROGATE)		55.0	%		MVP	01/05/2006 / 8:53	
DCB (SURROGATE)		21.1	%		MVP	01/05/2006 / 8:53	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	41	NAC	01/04/2006 / 23:25	
PCB-1221	EPA 8082	ND	ug/Kg	41	NAC	01/04/2006 / 23:25	
PCB-1232	EPA 8082	ND	ug/Kg	41	NAC	01/04/2006 / 23:25	
PCB-1242	EPA 8082	ND	ug/Kg	41	NAC	01/04/2006 / 23:25	
PCB-1248	EPA 8082	ND	ug/Kg	41	NAC	01/04/2006 / 23:25	
PCB-1254	EPA 8082	ND	ug/Kg	41	NAC	01/04/2006 / 23:25	
PCB-1260	EPA 8082	ND	ug/Kg	41	NAC	01/04/2006 / 23:25	
PCB-1262	EPA 8082	ND	ug/Kg	41	NAC	01/04/2006 / 23:25	
PCB-1268	EPA 8082	ND	ug/Kg	41	NAC	01/04/2006 / 23:25	
TCMX (SURROGATE)		41.4	%		NAC	01/04/2006 / 23:25	
DCB (SURROGATE)		21.8	%		NAC	01/04/2006 / 23:25	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.11	JRH	12/30/2005 / 1:00	
Aluminum	6010B, SW-846	6630	mg/Kg	21.1	JRH	12/30/2005 / 1:00	
Arsenic	6010B, SW-846	1.96	mg/Kg	1.06	JRH	12/30/2005 / 1:00	
Barium	6010B, SW-846	16.1	mg/Kg	3.2	JRH	12/30/2005 / 1:00	
Beryllium	6010B, SW-846	ND	mg/Kg	0.317	JRH	12/30/2005 / 1:00	
Cadmium	6010B, SW-846	ND	mg/Kg	0.317	JRH	12/30/2005 / 1:00	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00336

Sample: 004 LPB-9 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 21:42	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 21:42	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 21:42	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 21:42	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 21:42	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 21:42	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 21:42	
2-FLUOROPHENOL (SURR)		63.9	%		NAC	01/05/2006 / 21:42	
PHENOL-D5 (SURR)		68.5	%		NAC	01/05/2006 / 21:42	
NITROBENZENE-D5 (SURR)		53.0	%		NAC	01/05/2006 / 21:42	
2-FLUOROBIPHENYL (SURR)		54.9	%		NAC	01/05/2006 / 21:42	
2,4,6-TRIBROMOPHENOL (SURR)		59.2	%		NAC	01/05/2006 / 21:42	
TERPHENYL-D14 (SURR)		56.9	%		NAC	01/05/2006 / 21:42	

Sample: 005 LPB-14 5-7
Collection Date: 12/22/2005 Time: 2:45:00PM
Matrix: SOIL

Received Date: 12/26/2005 Time: 10:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
Chloromethane	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
Bromomethane	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
Chloroethane	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
Acrolein	EPA 8260B	ND	ug/Kg	45	MVP	01/03/2006 / 13:07	
Acetone	EPA 8260B	37	ug/Kg	45	MVP	01/03/2006 / 13:07	JB
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
Iodomethane	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	45	MVP	01/03/2006 / 13:07	
Methylene Chloride	EPA 8260B	14	ug/Kg	36	MVP	01/03/2006 / 13:07	JB
Acrylonitrile	EPA 8260B	ND	ug/Kg	45	MVP	01/03/2006 / 13:07	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744
ND = Not Detected PQL= Practical Quantitation Limit

Page: 26 of 47



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00336

Sample: 005 LPB-14 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	45	MVP	01/03/2006 / 13:07	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	45	MVP	01/03/2006 / 13:07	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
Chloroform	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
Bromochloromethane	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
Benzene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
Trichloroethylene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	45	MVP	01/03/2006 / 13:07	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	45	MVP	01/03/2006 / 13:07	
Toluene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
2-Hexanone	EPA 8260B	ND	ug/Kg	45	MVP	01/03/2006 / 13:07	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
Chlorobenzene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
Ethylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
M & P XYLENE	EPA 8260B	ND	ug/Kg	18	MVP	01/03/2006 / 13:07	
O-XYLENE	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
Styrene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
Bromoform	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 27 of 47



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00336

Sample: 005 LPB-14 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Isopropylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
Bromobenzene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
Naphthalene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:07	
DIBROMOFLUOROMETHANE (SURR)		90.5	%		MVP	01/03/2006 / 13:07	
TOLUENE-D8 (SURROGATE)		99.0	%		MVP	01/03/2006 / 13:07	
4-BROMOFLUOROBENZENE (SURR)		93.1	%		MVP	01/03/2006 / 13:07	
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/Kg	1.8	MVP	01/05/2006 / 8:53	
beta-BHC	EPA 8081A	ND	ug/Kg	1.8	MVP	01/05/2006 / 8:53	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	1.8	MVP	01/05/2006 / 8:53	
delta-BHC	EPA 8081A	ND	ug/Kg	1.8	MVP	01/05/2006 / 8:53	
Heptachlor	EPA 8081A	ND	ug/Kg	1.8	MVP	01/05/2006 / 8:53	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	1.8	MVP	01/05/2006 / 8:53	
Aldrin	EPA 8081A	ND	ug/Kg	1.8	MVP	01/05/2006 / 8:53	
Dieldrin	EPA 8081A	ND	ug/Kg	1.8	MVP	01/05/2006 / 8:53	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 28 of 47



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00336

Sample: 005 LPB-14 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Endrin	EPA 8081A	ND	ug/Kg	1.8	MVP	01/05/2006 / 8:53	
4,4'-DDD	EPA 8081A	ND	ug/Kg	1.8	MVP	01/05/2006 / 8:53	
4,4'-DDE	EPA 8081A	ND	ug/Kg	1.8	MVP	01/05/2006 / 8:53	
4,4'-DDT	EPA 8081A	ND	ug/Kg	1.8	MVP	01/05/2006 / 8:53	
Endosulfan I	EPA 8081A	ND	ug/Kg	1.8	MVP	01/05/2006 / 8:53	
Endosulfan II	EPA 8081A	ND	ug/Kg	1.8	MVP	01/05/2006 / 8:53	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	1.8	MVP	01/05/2006 / 8:53	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	1.8	MVP	01/05/2006 / 8:53	
Methoxychlor	EPA 8081A	ND	ug/Kg	1.8	MVP	01/05/2006 / 8:53	
Endrin Ketone	EPA 8081A	ND	ug/Kg	1.8	MVP	01/05/2006 / 8:53	
Chlordane	EPA 8081A	ND	ug/Kg	37	MVP	01/05/2006 / 8:53	
Toxaphene	EPA 8081A	ND	ug/Kg	37	MVP	01/05/2006 / 8:53	
TCMX (SURROGATE)		82.9	%		MVP	01/05/2006 / 8:53	
DCB (SURROGATE)		46.6	%		MVP	01/05/2006 / 8:53	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	37	NAC	01/05/2006 / 12:26	
PCB-1221	EPA 8082	ND	ug/Kg	37	NAC	01/05/2006 / 12:26	
PCB-1232	EPA 8082	ND	ug/Kg	37	NAC	01/05/2006 / 12:26	
PCB-1242	EPA 8082	ND	ug/Kg	37	NAC	01/05/2006 / 12:26	
PCB-1248	EPA 8082	ND	ug/Kg	37	NAC	01/05/2006 / 12:26	
PCB-1254	EPA 8082	ND	ug/Kg	37	NAC	01/05/2006 / 12:26	
PCB-1260	EPA 8082	ND	ug/Kg	37	NAC	01/05/2006 / 12:26	
PCB-1262	EPA 8082	ND	ug/Kg	37	NAC	01/05/2006 / 12:26	
PCB-1268	EPA 8082	ND	ug/Kg	37	NAC	01/05/2006 / 12:26	
TCMX (SURROGATE)		57.8	%		NAC	01/05/2006 / 12:26	
DCB (SURROGATE)		39.0	%		NAC	01/05/2006 / 12:26	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.00	JRH	12/30/2005 / 1:00	
Aluminum	6010B, SW-846	8560	mg/Kg	20.0	JRH	12/30/2005 / 1:00	
Arsenic	6010B, SW-846	3.35	mg/Kg	1.00	JRH	12/30/2005 / 1:00	
Barium	6010B, SW-846	56.0	mg/Kg	3.0	JRH	12/30/2005 / 1:00	
Beryllium	6010B, SW-846	0.306	mg/Kg	0.300	JRH	12/30/2005 / 1:00	
Cadmium	6010B, SW-846	ND	mg/Kg	0.300	JRH	12/30/2005 / 1:00	
Chromium	6010B, SW-846	19.8	mg/Kg	1.00	JRH	12/30/2005 / 1:00	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 29 of 47



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00336

Sample: 005 LPB-14 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2-Nitrophenol	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
Naphthalene	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
Acenaphthylene	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
Acenaphthene	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
Dibenzofuran	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
Fluorene	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
Phenanthrene	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 31 of 47



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00336

Sample: 005 LPB-14 5-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Anthracene	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
Carbazole	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
Fluoranthene	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
Benzidine	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
Pyrene	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
Chrysene	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	190	NAC	01/05/2006 / 22:21	
2-FLUOROPHENOL (SURR)		68.8	%		NAC	01/05/2006 / 22:21	
PHENOL-D5 (SURR)		76.0	%		NAC	01/05/2006 / 22:21	
NITROBENZENE-D5 (SURR)		69.6	%		NAC	01/05/2006 / 22:21	
2-FLUOROBIPHENYL (SURR)		59.8	%		NAC	01/05/2006 / 22:21	
2,4,6-TRIBROMOPHENOL (SURR)		68.8	%		NAC	01/05/2006 / 22:21	
TERPHENYL-D14 (SURR)		60.0	%		NAC	01/05/2006 / 22:21	

Sample: 006 LPB-14 7-9

Collection Date: 12/22/2005 Time: 2:50:00PM

Matrix: SOIL

Received Date: 12/26/2005 Time: 10:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
Chloromethane	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL = Practical Quantitation Limit

Page: 32 of 47



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00336

Sample: 006 LPB-14 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Bromomethane	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
Chloroethane	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
Acrolein	EPA 8260B	ND	ug/Kg	44	MVP	01/03/2006 / 13:40	
Acetone	EPA 8260B	35	ug/Kg	44	MVP	01/03/2006 / 13:40	JB
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
Iodomethane	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	44	MVP	01/03/2006 / 13:40	
Methylene Chloride	EPA 8260B	16	ug/Kg	35	MVP	01/03/2006 / 13:40	JB
Acrylonitrile	EPA 8260B	ND	ug/Kg	44	MVP	01/03/2006 / 13:40	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	44	MVP	01/03/2006 / 13:40	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	44	MVP	01/03/2006 / 13:40	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
Chloroform	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
Bromochloromethane	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
Benzene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
Trichloroethylene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	44	MVP	01/03/2006 / 13:40	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	44	MVP	01/03/2006 / 13:40	
Toluene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 33 of 47

Sample: 006 LPB-14 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2-Hexanone	EPA 8260B	ND	ug/Kg	44	MVP	01/03/2006 / 13:40	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
Chlorobenzene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
Ethylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
M & P XYLENE	EPA 8260B	ND	ug/Kg	18	MVP	01/03/2006 / 13:40	
O-XYLENE	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
Styrene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
Bromoform	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
Bromobenzene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
Naphthalene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9	MVP	01/03/2006 / 13:40	
DIBROMOFLUOROMETHANE (SURR)		95.1	%		MVP	01/03/2006 / 13:40	
TOLUENE-D8 (SURROGATE)		96.7	%		MVP	01/03/2006 / 13:40	

Sample: 006 LPB-14 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
4-BROMOFLUOROBENZENE (SURR)		98.6	%		MVP	01/03/2006 / 13:40	
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/Kg	1.8	MVP	01/05/2006 / 8:53	
beta-BHC	EPA 8081A	ND	ug/Kg	1.8	MVP	01/05/2006 / 8:53	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	1.8	MVP	01/05/2006 / 8:53	
delta-BHC	EPA 8081A	ND	ug/Kg	1.8	MVP	01/05/2006 / 8:53	
Heptachlor	EPA 8081A	ND	ug/Kg	1.8	MVP	01/05/2006 / 8:53	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	1.8	MVP	01/05/2006 / 8:53	
Aldrin	EPA 8081A	ND	ug/Kg	1.8	MVP	01/05/2006 / 8:53	
Dieldrin	EPA 8081A	ND	ug/Kg	1.8	MVP	01/05/2006 / 8:53	
Endrin	EPA 8081A	ND	ug/Kg	1.8	MVP	01/05/2006 / 8:53	
4,4'-DDD	EPA 8081A	ND	ug/Kg	1.8	MVP	01/05/2006 / 8:53	
4,4'-DDE	EPA 8081A	ND	ug/Kg	1.8	MVP	01/05/2006 / 8:53	
4,4'-DDT	EPA 8081A	ND	ug/Kg	1.8	MVP	01/05/2006 / 8:53	
Endosulfan I	EPA 8081A	ND	ug/Kg	1.8	MVP	01/05/2006 / 8:53	
Endosulfan II	EPA 8081A	ND	ug/Kg	1.8	MVP	01/05/2006 / 8:53	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	1.8	MVP	01/05/2006 / 8:53	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	1.8	MVP	01/05/2006 / 8:53	
Methoxychlor	EPA 8081A	ND	ug/Kg	1.8	MVP	01/05/2006 / 8:53	
Endrin Ketone	EPA 8081A	ND	ug/Kg	1.8	MVP	01/05/2006 / 8:53	
Chlordane	EPA 8081A	ND	ug/Kg	36	MVP	01/05/2006 / 8:53	
Toxaphene	EPA 8081A	ND	ug/Kg	36	MVP	01/05/2006 / 8:53	
TCMX (SURROGATE)		82.2	%		MVP	01/05/2006 / 8:53	
DCB (SURROGATE)		36.9	%		MVP	01/05/2006 / 8:53	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	36	NAC	01/05/2006 / 12:46	
PCB-1221	EPA 8082	ND	ug/Kg	36	NAC	01/05/2006 / 12:46	
PCB-1232	EPA 8082	ND	ug/Kg	36	NAC	01/05/2006 / 12:46	
PCB-1242	EPA 8082	ND	ug/Kg	36	NAC	01/05/2006 / 12:46	
PCB-1248	EPA 8082	ND	ug/Kg	36	NAC	01/05/2006 / 12:46	
PCB-1254	EPA 8082	ND	ug/Kg	36	NAC	01/05/2006 / 12:46	
PCB-1260	EPA 8082	ND	ug/Kg	36	NAC	01/05/2006 / 12:46	
PCB-1262	EPA 8082	ND	ug/Kg	36	NAC	01/05/2006 / 12:46	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00336

Sample: 006 LPB-14 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-1268	EPA 8082	ND	ug/Kg	36	NAC	01/05/2006 / 12:46	
TCMX (SURROGATE)		61.8	%		NAC	01/05/2006 / 12:46	
DCB (SURROGATE)		32.9	%		NAC	01/05/2006 / 12:46	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.11	JRH	12/30/2005 / 1:00	
Aluminum	6010B, SW-846	6360	mg/Kg	21.1	JRH	12/30/2005 / 1:00	
Arsenic	6010B, SW-846	4.15	mg/Kg	1.06	JRH	12/30/2005 / 1:00	
Barium	6010B, SW-846	45.7	mg/Kg	3.2	JRH	12/30/2005 / 1:00	
Beryllium	6010B, SW-846	ND	mg/Kg	0.317	JRH	12/30/2005 / 1:00	
Cadmium	6010B, SW-846	ND	mg/Kg	0.317	JRH	12/30/2005 / 1:00	
Chromium	6010B, SW-846	15.8	mg/Kg	1.06	JRH	12/30/2005 / 1:00	
Calcium	6010B, SW-846	2790	mg/Kg	159	JRH	12/30/2005 / 1:00	
Iron	6010B, SW-846	18400	mg/Kg	10.6	JRH	12/30/2005 / 1:00	B1
Cobalt	6010B, SW-846	7.74	mg/Kg	5.29	JRH	12/30/2005 / 1:00	
Copper	6010B, SW-846	21.6	mg/Kg	5.29	JRH	12/30/2005 / 1:00	
Lead	6010B, SW-846	65.8	mg/Kg	3.17	JRH	12/30/2005 / 1:00	
Magnesium	6010B, SW-846	1640	mg/Kg	127	JRH	12/30/2005 / 1:00	
Manganese	6010B, SW-846	526	mg/Kg	1.59	JRH	12/30/2005 / 1:00	
Mercury	SW-846; 7471	ND	mg/Kg	0.0371	NAP	01/04/2006 / 14:15	
Nickel	6010B, SW-846	12.1	mg/Kg	4.23	JRH	12/30/2005 / 1:00	
Vanadium	6010B, SW-846	26.8	mg/Kg	5.29	JRH	12/30/2005 / 1:00	
Selenium	6010B, SW-846	ND	mg/Kg	2.11	JRH	12/30/2005 / 1:00	
Potassium	6010B, SW-846	1270	mg/Kg	159	JRH	12/30/2005 / 1:00	
Silver	6010B, SW-846	ND	mg/Kg	0.53	JRH	12/30/2005 / 1:00	
Sodium	6010B, SW-846	349	mg/Kg	159	JRH	12/30/2005 / 1:00	
Thallium	6010B, SW-846	2.35	mg/Kg	2.11	JRH	12/30/2005 / 1:00	
Zinc	6010B, SW-846	31.9	mg/Kg	5.29	JRH	12/30/2005 / 1:00	
Percent Solids		90.1	%		SEF	12/30/2005 / 11:51	
PCB OIL/SOIL EXTRACTIONS		30.95			MEW	01/04/2006 / 10:04	
Flame/ICP Solid Digestion	EPA 3050B	95.2381			SEF	12/29/2005 / 18:44	
B/NA Extractables Sol							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
Phenol	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	

Sample: 006 LPB-14 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2-Chlorophenol	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
Hexachloroethane	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	370	NAC	01/05/2006 / 23:01	
Nitrobenzene	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
Isophorone	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
Naphthalene	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
Acenaphthylene	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
Acenaphthene	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
Dibenzofuran	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	



Customer:

Metcalf & Eddy Associates

Workorder No. 0512-00336

Sample: 006 LPB-14 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
4-Nitrophenol	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
Fluorene	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
Phenanthrene	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
Anthracene	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
Carbazole	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
Fluoranthene	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
Benzidine	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
Pyrene	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
Chrysene	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	180	NAC	01/05/2006 / 23:01	
2-FLUOROPHENOL (SURR)		65.6	%		NAC	01/05/2006 / 23:01	
PHENOL-D5 (SURR)		70.6	%		NAC	01/05/2006 / 23:01	
NITROBENZENE-D5 (SURR)		53.2	%		NAC	01/05/2006 / 23:01	
2-FLUOROBIPHENYL (SURR)		60.9	%		NAC	01/05/2006 / 23:01	
2,4,6-TRIBROMOPHENOL (SURR)		65.7	%		NAC	01/05/2006 / 23:01	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 38 of 47



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00336

Sample: 006 LPB-14 7-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TERPHENYL-D14 (SURR)		69.6	%		NAC	01/05/2006 / 23:01	

Sample: 007 WC-1
Collection Date: 12/23/2005 Time: 7:15:00AM
Matrix: SOIL

Received Date: 12/26/2005 Time: 10:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TCLP Package							
TCLP Volatiles							
Vinyl Chloride	EPA 8260B	ND	ug/L	5	MVP	12/30/2005 / 15:04	
1,1-Dichloroethylene	EPA 8260B	ND	ug/L	5	MVP	12/30/2005 / 15:04	
2-Butanone-(MEK)	EPA 8260B	19	ug/L	25	MVP	12/30/2005 / 15:04	JB
Chloroform	EPA 8260B	ND	ug/L	5	MVP	12/30/2005 / 15:04	
Carbon Tetrachloride	EPA 8260B	ND	ug/L	5	MVP	12/30/2005 / 15:04	
Benzene, TCLP	EPA 8260B	ND	ug/L	5	MVP	12/30/2005 / 15:04	
1,2-Dichloroethane	EPA 8260B	ND	ug/L	5	MVP	12/30/2005 / 15:04	
Trichloroethylene	EPA 8260B	ND	ug/L	5	MVP	12/30/2005 / 15:04	
Tetrachloroethylene	EPA 8260B	ND	ug/L	5	MVP	12/30/2005 / 15:04	
Chlorobenzene	EPA 8260B	ND	ug/L	5	MVP	12/30/2005 / 15:04	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/L	5	MVP	12/30/2005 / 15:04	
DIBROMOFLUOROMETHANE (SURR)		103	%		MVP	12/30/2005 / 15:04	
TOLUENE-D8 (SURROGATE)		97.5	%		MVP	12/30/2005 / 15:04	
4-BROMOFLUOROBENZENE (SURR)		98.8	%		MVP	12/30/2005 / 15:04	
TCLP Semivolatiles							
Pyridine	EPA 8270C	ND	ug/L	25	NAC	01/05/2006 / 16:31	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/L	25	NAC	01/05/2006 / 16:31	
2-Methyl Phenol	EPA 8270C	ND	ug/L	25	NAC	01/05/2006 / 16:31	
Hexachloroethane	EPA 8270C	ND	ug/L	25	NAC	01/05/2006 / 16:31	
3&4-Methyl Phenol	EPA 8270C	ND	ug/L	50	NAC	01/05/2006 / 16:31	
Nitrobenzene	EPA 8270C	ND	ug/L	25	NAC	01/05/2006 / 16:31	
Hexachlorobutadiene	EPA 8270C	ND	ug/L	25	NAC	01/05/2006 / 16:31	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/L	25	NAC	01/05/2006 / 16:31	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/L	25	NAC	01/05/2006 / 16:31	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/L	25	NAC	01/05/2006 / 16:31	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 58744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 39 of 47



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00336

Sample: 007 WC-1
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Hexachlorobenzene	EPA 8270C	ND	ug/L	25	NAC	01/05/2006 / 16:31	
Pentachlorophenol	EPA 8270C	ND	ug/L	25	NAC	01/05/2006 / 16:31	
2-FLUOROPHENOL (SURR)		15.3	%		NAC	01/05/2006 / 16:31	
PHENOL-D5 (SURR)		15.0	%		NAC	01/05/2006 / 16:31	
NITROBENZENE-D5 (SURR)		66.4	%		NAC	01/05/2006 / 16:31	
2-FLUOROBIPHENYL (SURR)		65.6	%		NAC	01/05/2006 / 16:31	
2,4,6-TRIBROMOPHENOL (SURR)		47.0	%		NAC	01/05/2006 / 16:31	
TERPHENYL-D14 (SURR)		64.1	%		NAC	01/05/2006 / 16:31	
TCLP Herbicides							
2,4-D	EPA 8151	ND	ug/L	5.0	*PH	12/31/2005 / 12:55	
2,4,5-TP	EPA 8151	ND	ug/L	1.0	*PH	12/31/2005 / 12:55	
TCLP Pesticides							
gamma-BHC (Lindane)	EPA 8080, 1311	ND	ug/L	0.3	MVP	01/05/2006 / 9:33	
Heptachlor	EPA 8080, 1311	ND	ug/L	0.3	MVP	01/05/2006 / 9:33	
Heptachlor Epoxide	EPA 8080, 1311	ND	ug/L	0.3	MVP	01/05/2006 / 9:33	
Endrin	EPA 8080, 1311	ND	ug/L	0.3	MVP	01/05/2006 / 9:33	
Methoxychlor	EPA 8080, 1311	ND	ug/L	0.3	MVP	01/05/2006 / 9:33	
Chlordane	EPA 8080, 1311	ND	ug/L	5.00	MVP	01/05/2006 / 9:33	
Toxaphene	EPA 8080, 1311	ND	ug/L	5.00	MVP	01/05/2006 / 9:33	
TCMX (SURROGATE)		88.0	%		MVP	01/05/2006 / 9:33	
DCB (SURROGATE)		124	%		MVP	01/05/2006 / 9:33	
TCLP Metals							
Barium, TCLP	1311/6010B SW-846	ND	mg/L	10.0	JRH	12/30/2005 / 14:48	
Arsenic, TCLP	1311/6010B, SW-846	ND	mg/L	1.00	JRH	12/30/2005 / 14:48	
Cadmium, TCLP	1311/6010B SW-846	ND	mg/L	0.100	JRH	12/30/2005 / 14:48	
Chromium, TCLP	1311/6010B SW-846	ND	mg/L	0.500	JRH	12/30/2005 / 14:48	
Lead, TCLP	1311/6010B SW-846	ND	mg/L	0.500	JRH	12/30/2005 / 14:48	
Mercury, TCLP	SW-846 7470	ND	mg/L	0.0200	NAP	01/03/2006 / 15:54	
Silver, TCLP	1311/6010B SW-846	ND	mg/L	0.100	JRH	12/30/2005 / 14:48	
Selenium, TCLP	1311/6010B, SW-846	ND	mg/L	0.500	JRH	12/30/2005 / 14:48	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	39	NAC	01/05/2006 / 1:46	
PCB-1221	EPA 8082	ND	ug/Kg	39	NAC	01/05/2006 / 1:46	
PCB-1232	EPA 8082	ND	ug/Kg	39	NAC	01/05/2006 / 1:46	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Sample: 007 WC-1
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-1242	EPA 8082	ND	ug/Kg	39	NAC	01/05/2006 / 1:46	
PCB-1248	EPA 8082	ND	ug/Kg	39	NAC	01/05/2006 / 1:46	
PCB-1254	EPA 8082	ND	ug/Kg	39	NAC	01/05/2006 / 1:46	
PCB-1260	EPA 8082	ND	ug/Kg	39	NAC	01/05/2006 / 1:46	
PCB-1262	EPA 8082	ND	ug/Kg	39	NAC	01/05/2006 / 1:46	
PCB-1268	EPA 8082	ND	ug/Kg	39	NAC	01/05/2006 / 1:46	
TCMX (SURROGATE)		45.1	%		NAC	01/05/2006 / 1:46	
DCB (SURROGATE)		34.6	%		NAC	01/05/2006 / 1:46	
Flash Point - Liquid/Solid	1010, EPA 1983	>212	F	0	PJS	12/29/2005 / 10:25	
Reactivity Cyanide	SW846, EPA 1983	ND	mg/Kg	0.22	PJS	01/04/2006 / 13:33	
Reactivity Sulfide	SW846, EPA 1983	ND	mg/Kg	1.1	PJS	01/03/2006 / 8:24	
Corrosivity	203, EPA 1983	7.56	S.U.	0	PJS	12/29/2005 / 14:47	
TCLP extraction	1311, EPA	complete		0	AAB	12/30/2005 / 11:24	
TCLP ZHE Extraction	1311, EPA	complete		0	AAB	12/30/2005 / 11:27	
TCLP SVOA EXTRACTION	1311	COMPLETE			AAB	12/30/2005 / 11:25	
608 WATER EXTRACTION		0.200			NS	12/30/2005 / 8:01	
TCLP Extraction	1311, EPA	complete		0	AAB	12/30/2005 / 11:24	
PCB OIL/SOIL EXTRACTIONS		30.54			MEW	01/04/2006 / 10:04	
Percent Solids		84.6	%		SEF	12/30/2005 / 11:51	

Sample: 008 WC-2

Collection Date: 12/23/2005 Time: 7:20:00AM

Matrix: SOIL

Received Date: 12/26/2005 Time: 10:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TCLP Package							
TCLP Volatiles							
Vinyl Chloride	EPA 8260B	ND	ug/L	5	MVP	12/30/2005 / 15:31	
1,1-Dichloroethylene	EPA 8260B	ND	ug/L	5	MVP	12/30/2005 / 15:31	
2-Butanone-(MEK)	EPA 8260B	26	ug/L	25	MVP	12/30/2005 / 15:31	B
Chloroform	EPA 8260B	ND	ug/L	5	MVP	12/30/2005 / 15:31	
Carbon Tetrachloride	EPA 8260B	ND	ug/L	5	MVP	12/30/2005 / 15:31	
Benzene, TCLP	EPA 8260B	2	ug/L	5	MVP	12/30/2005 / 15:31	J
1,2-Dichloroethane	EPA 8260B	ND	ug/L	5	MVP	12/30/2005 / 15:31	

Sample: 008 WC-2
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Trichloroethylene	EPA 8260B	ND	ug/L	5	MVP	12/30/2005 / 15:31	
Tetrachloroethylene	EPA 8260B	ND	ug/L	5	MVP	12/30/2005 / 15:31	
Chlorobenzene	EPA 8260B	ND	ug/L	5	MVP	12/30/2005 / 15:31	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/L	5	MVP	12/30/2005 / 15:31	
DIBROMOFLUOROMETHANE (SURR)		106	%		MVP	12/30/2005 / 15:31	
TOLUENE-D8 (SURROGATE)		96.3	%		MVP	12/30/2005 / 15:31	
4-BROMOFLUOROBENZENE (SURR)		98.8	%		MVP	12/30/2005 / 15:31	
TCLP Semivolatiles							
Pyridine	EPA 8270C	ND	ug/L	25	NAC	01/05/2006 / 17:03	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/L	25	NAC	01/05/2006 / 17:03	
2-Methyl Phenol	EPA 8270C	ND	ug/L	25	NAC	01/05/2006 / 17:03	
Hexachloroethane	EPA 8270C	ND	ug/L	25	NAC	01/05/2006 / 17:03	
3&4-Methyl Phenol	EPA 8270C	ND	ug/L	50	NAC	01/05/2006 / 17:03	
Nitrobenzene	EPA 8270C	ND	ug/L	25	NAC	01/05/2006 / 17:03	
Hexachlorobutadiene	EPA 8270C	ND	ug/L	25	NAC	01/05/2006 / 17:03	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/L	25	NAC	01/05/2006 / 17:03	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/L	25	NAC	01/05/2006 / 17:03	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/L	25	NAC	01/05/2006 / 17:03	
Hexachlorobenzene	EPA 8270C	ND	ug/L	25	NAC	01/05/2006 / 17:03	
Pentachlorophenol	EPA 8270C	ND	ug/L	25	NAC	01/05/2006 / 17:03	
2-FLUOROPHENOL (SURR)		0.54	%		NAC	01/05/2006 / 17:03	GX
PHENOL-D5 (SURR)		0.50	%		NAC	01/05/2006 / 17:03	GX
NITROBENZENE-D5 (SURR)		67.3	%		NAC	01/05/2006 / 17:03	
2-FLUOROBIPHENYL (SURR)		66.2	%		NAC	01/05/2006 / 17:03	
2,4,6-TRIBROMOPHENOL (SURR)		4.48	%		NAC	01/05/2006 / 17:03	GX
TERPHENYL-D14 (SURR)		71.3	%		NAC	01/05/2006 / 17:03	
TCLP Herbicides							
2,4-D	EPA 8151	ND	ug/L	5.0	*PH	12/31/2005 / 12:55	
2,4,5-TP	EPA 8151	ND	ug/L	1.0	*PH	12/31/2005 / 12:55	
TCLP Pesticides							
gamma-BHC (Lindane)	EPA 8080, 1311	ND	ug/L	0.3	MVP	01/05/2006 / 9:33	
Heptachlor	EPA 8080, 1311	ND	ug/L	0.3	MVP	01/05/2006 / 9:33	
Heptachlor Epoxide	EPA 8080, 1311	ND	ug/L	0.3	MVP	01/05/2006 / 9:33	
Endrin	EPA 8080, 1311	ND	ug/L	0.3	MVP	01/05/2006 / 9:33	



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00336

Sample: 008 WC-2
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Methoxychlor	EPA 8080, 1311	ND	ug/L	0.3	MVP	01/05/2006 / 9:33	
Chlordane	EPA 8080, 1311	ND	ug/L	5.00	MVP	01/05/2006 / 9:33	
Toxaphene	EPA 8080, 1311	ND	ug/L	5.00	MVP	01/05/2006 / 9:33	
TCMX (SURROGATE)		90.5	%		MVP	01/05/2006 / 9:33	
DCB (SURROGATE)		128	%		MVP	01/05/2006 / 9:33	
TCLP Metals							
Barium, TCLP	1311/6010B SW-846	ND	mg/L	10.0	JRH	12/30/2005 / 15:00	
Arsenic, TCLP	1311/6010B, SW-846	ND	mg/L	1.00	JRH	12/30/2005 / 15:00	
Cadmium, TCLP	1311/6010B SW-846	ND	mg/L	0.100	JRH	12/30/2005 / 15:00	
Chromium, TCLP	1311/6010B SW-846	ND	mg/L	0.500	JRH	12/30/2005 / 15:00	
Lead, TCLP	1311/6010B SW-846	ND	mg/L	0.500	JRH	12/30/2005 / 15:00	
Mercury, TCLP	SW-846 7470	ND	mg/L	0.0200	NAP	01/03/2006 / 15:54	
Silver, TCLP	1311/6010B SW-846	ND	mg/L	0.100	JRH	12/30/2005 / 15:00	
Selenium, TCLP	1311/6010B, SW-846	ND	mg/L	0.500	JRH	12/30/2005 / 15:00	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	38	NAC	01/05/2006 / 2:06	
PCB-1221	EPA 8082	ND	ug/Kg	38	NAC	01/05/2006 / 2:06	
PCB-1232	EPA 8082	ND	ug/Kg	38	NAC	01/05/2006 / 2:06	
PCB-1242	EPA 8082	ND	ug/Kg	38	NAC	01/05/2006 / 2:06	
PCB-1248	EPA 8082	ND	ug/Kg	38	NAC	01/05/2006 / 2:06	
PCB-1254	EPA 8082	ND	ug/Kg	38	NAC	01/05/2006 / 2:06	
PCB-1260	EPA 8082	ND	ug/Kg	38	NAC	01/05/2006 / 2:06	
PCB-1262	EPA 8082	ND	ug/Kg	38	NAC	01/05/2006 / 2:06	
PCB-1268	EPA 8082	ND	ug/Kg	38	NAC	01/05/2006 / 2:06	
TCMX (SURROGATE)		49.3	%		NAC	01/05/2006 / 2:06	
DCB (SURROGATE)		30.6	%		NAC	01/05/2006 / 2:06	
Flash Point - Liquid/Solid	1010, EPA 1983	>212	F	0	PJS	12/29/2005 / 10:25	
Reactivity Cyanide	SW846, EPA 1983	ND	mg/Kg	0.22	PJS	01/04/2006 / 13:33	
Reactivity Sulfide	SW846, EPA 1983	10.9	mg/Kg	1.1	PJS	01/03/2006 / 8:24	
Corrosivity	203, EPA 1983	9.03	S.U.	0	PJS	12/29/2005 / 14:47	
TCLP extraction	1311, EPA	complete		0	AAB	12/30/2005 / 11:24	
TCLP ZHE Extraction	1311, EPA	complete		0	AAB	12/30/2005 / 11:27	
TCLP SVOA EXTRACTION	1311	COMPLETE			AAB	12/30/2005 / 11:25	
608 WATER EXTRACTION		0.200			NS	12/30/2005 / 8:01	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744
ND = Not Detected PQL= Practical Quantitation Limit

Page: 43 of 47



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00336

Sample: 008 WC-2
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TCLP Extraction	1311, EPA	complete		0	AAB	12/30/2005 / 11:24	
PCB OIL/SOIL EXTRACTIONS		30.49			MEW	01/04/2006 / 10:04	
Percent Solids		85.4	%		SEF	12/30/2005 / 11:51	

Sample: 009 WCW-3
Collection Date: 12/23/2005 Time: 7:25:00AM
Matrix: WATER

Received Date: 12/26/2005 Time: 10:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TCLP Package							
TCLP Volatiles							
Vinyl Chloride	EPA 8260B	ND	ug/L	5	MVP	12/30/2005 / 15:59	
1,1-Dichloroethylene	EPA 8260B	ND	ug/L	5	MVP	12/30/2005 / 15:59	
2-Butanone-(MEK)	EPA 8260B	14	ug/L	25	MVP	12/30/2005 / 15:59	JB
Chloroform	EPA 8260B	1	ug/L	5	MVP	12/30/2005 / 15:59	J
Carbon Tetrachloride	EPA 8260B	ND	ug/L	5	MVP	12/30/2005 / 15:59	
Benzene, TCLP	EPA 8260B	11	ug/L	5	MVP	12/30/2005 / 15:59	
1,2-Dichloroethane	EPA 8260B	ND	ug/L	5	MVP	12/30/2005 / 15:59	
Trichloroethylene	EPA 8260B	ND	ug/L	5	MVP	12/30/2005 / 15:59	
Tetrachloroethylene	EPA 8260B	ND	ug/L	5	MVP	12/30/2005 / 15:59	
Chlorobenzene	EPA 8260B	ND	ug/L	5	MVP	12/30/2005 / 15:59	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/L	5	MVP	12/30/2005 / 15:59	
DIBROMOFLUOROMETHANE (SURR)		105	%		MVP	12/30/2005 / 15:59	
TOLUENE-D8 (SURROGATE)		97.0	%		MVP	12/30/2005 / 15:59	
4-BROMOFLUOROBENZENE (SURR)		97.8	%		MVP	12/30/2005 / 15:59	
TCLP Semivolatiles							
Pyridine	EPA 8270C	ND	ug/L	25	NAC	01/06/2006 / 12:05	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/L	25	NAC	01/06/2006 / 12:05	
2-Methyl Phenol	EPA 8270C	ND	ug/L	25	NAC	01/06/2006 / 12:05	
Hexachloroethane	EPA 8270C	ND	ug/L	25	NAC	01/06/2006 / 12:05	
3&4-Methyl Phenol	EPA 8270C	ND	ug/L	50	NAC	01/06/2006 / 12:05	
Nitrobenzene	EPA 8270C	ND	ug/L	25	NAC	01/06/2006 / 12:05	
Hexachlorobutadiene	EPA 8270C	ND	ug/L	25	NAC	01/06/2006 / 12:05	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/L	25	NAC	01/06/2006 / 12:05	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 44 of 47



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00336

Sample: 009 WCW-3
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/L	25	NAC	01/06/2006 / 12:05	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/L	25	NAC	01/06/2006 / 12:05	
Hexachlorobenzene	EPA 8270C	ND	ug/L	25	NAC	01/06/2006 / 12:05	
Pentachlorophenol	EPA 8270C	ND	ug/L	25	NAC	01/06/2006 / 12:05	
2-FLUOROPHENOL (SURR)		4.97	%		NAC	01/06/2006 / 12:05	GX
PHENOL-D5 (SURR)		11.5	%		NAC	01/06/2006 / 12:05	
NITROBENZENE-D5 (SURR)		67.7	%		NAC	01/06/2006 / 12:05	
2-FLUOROBIPHENYL (SURR)		67.2	%		NAC	01/06/2006 / 12:05	
2,4,6-TRIBROMOPHENOL (SURR)		16.0	%		NAC	01/06/2006 / 12:05	GX
TERPHENYL-D14 (SURR)		71.5	%		NAC	01/06/2006 / 12:05	
TCLP Herbicides							
2,4-D	EPA 8151	ND	ug/L	5.0	*PH	12/31/2005 / 12:55	
2,4,5-TP	EPA 8151	ND	ug/L	1.0	*PH	12/31/2005 / 12:55	
TCLP Pesticides							
gamma-BHC (Lindane)	EPA 8080, 1311	ND	ug/L	0.3	MVP	01/05/2006 / 9:33	
Heptachlor	EPA 8080, 1311	ND	ug/L	0.3	MVP	01/05/2006 / 9:33	
Heptachlor Epoxide	EPA 8080, 1311	ND	ug/L	0.3	MVP	01/05/2006 / 9:33	
Endrin	EPA 8080, 1311	ND	ug/L	0.3	MVP	01/05/2006 / 9:33	
Methoxychlor	EPA 8080, 1311	ND	ug/L	0.3	MVP	01/05/2006 / 9:33	
Chlordane	EPA 8080, 1311	ND	ug/L	5.00	MVP	01/05/2006 / 9:33	
Toxaphene	EPA 8080, 1311	ND	ug/L	5.00	MVP	01/05/2006 / 9:33	
TCMX (SURROGATE)		123	%		MVP	01/05/2006 / 9:33	
DCB (SURROGATE)		99.7	%		MVP	01/05/2006 / 9:33	
TCLP Metals							
Barium, TCLP	1311/6010B SW-846	ND	mg/L	10.0	JRH	12/30/2005 / 15:04	
Arsenic, TCLP	1311/6010B, SW-846	ND	mg/L	1.00	JRH	12/30/2005 / 15:04	
Cadmium, TCLP	1311/6010B SW-846	ND	mg/L	0.100	JRH	12/30/2005 / 15:04	
Chromium, TCLP	1311/6010B SW-846	ND	mg/L	0.500	JRH	12/30/2005 / 15:04	
Lead, TCLP	1311/6010B SW-846	ND	mg/L	0.500	JRH	12/30/2005 / 15:04	
Mercury, TCLP	SW-846 7470	ND	mg/L	0.0200	NAP	01/03/2006 / 15:54	
Silver, TCLP	1311/6010B SW-846	ND	mg/L	0.100	JRH	12/30/2005 / 15:04	
Selenium, TCLP	1311/6010B, SW-846	ND	mg/L	0.500	JRH	12/30/2005 / 15:04	
PCB							
PCB-1016	EPA 8082	ND	ug/L	1.09	NAC	01/05/2006 / 5:07	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 45 of 47



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00336

Sample: 009 WCW-3
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-1221	EPA 8082	ND	ug/L	1.09	NAC	01/05/2006 / 5:07	
PCB-1232	EPA 8082	ND	ug/L	1.09	NAC	01/05/2006 / 5:07	
PCB-1242	EPA 8082	ND	ug/L	1.09	NAC	01/05/2006 / 5:07	
PCB-1248	EPA 8082	ND	ug/L	1.09	NAC	01/05/2006 / 5:07	
PCB-1254	EPA 8082	ND	ug/L	1.09	NAC	01/05/2006 / 5:07	
PCB-1260	EPA 8082	ND	ug/L	1.09	NAC	01/05/2006 / 5:07	
PCB-1262	EPA 8082	ND	ug/L	1.09	NAC	01/05/2006 / 5:07	
TCMX (SURROGATE)		96.6	%		NAC	01/05/2006 / 5:07	
DCB (SURROGATE)		75.2	%		NAC	01/05/2006 / 5:07	
Flash Point - Liquid/Solid	1010, EPA 1983	>212	F	0	PJS	12/29/2005 / 10:25	
Reactivity Cyanide	SW-846, EPA 1983	ND	mg/L	0.007	PJS	01/04/2006 / 13:35	
Reactivity Sulfide	SW846, EPA 1983	0.214	mg/L	0.05	PJS	01/03/2006 / 8:15	
pH	4500-H-B SM18TH	7.62	S.U.	0.1	PJS	12/29/2005 / 14:47	
TCLP extraction	1311, EPA	complete		0	AAB	12/30/2005 / 11:24	
TCLP ZHE Extraction	1311, EPA	complete		0	AAB	12/30/2005 / 11:27	
TCLP SVOA EXTRACTION	1311	COMPLETE			AAB	12/30/2005 / 11:25	
608 WATER EXTRACTION		0.200			NS	12/30/2005 / 8:01	
TCLP Extraction	1311, EPA	complete		0	AAB	12/30/2005 / 11:24	
PCB WATER EXTRACTION		0.920			NS	12/30/2005 / 7:57	

B1 Analyte was detected in the associated method blank. Analyte concentration in the sample is greater than 10x the concentration found in the method blank.

GX Due to sample matrix effects, the surrogate recovery was outside acceptance limits.

*PH = Phoenix Environmental Laboratories (NELAP: 11301 MA: M-CT007)

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 46 of 47



Customer: Metcalf & Eddy Associates

Workorder No. 0512-00336

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

Authorized By:

Robert Bell
Robert Bell, Environmental Laboratory Manager

Date:

1/6/04

NOTE: All solid results are reported on a dry weight basis unless otherwise noted.

Certifications:

MA: MA069

NY: 10982

CT: PH0119

RI: A45

NJ: 59744

ND = Not Detected PQL = Practical Quantitation Limit

Page: 47 of 47

CHAIN OF CUSTODY RECORD

AMERISCI
BOSTON

AMERISCI BOSTON
8 School Street - Weymouth, MA 02189
888.724.5221 Toll-Free
781.337.9334 Phone - 781.337.7642 Fax
www.amerisci.com

COMPANY: METALFA EDDY INC

ADDRESS: 1140 ROUTE 22 EAST SUITE 101, BREDFORD, MA 01830

PHONE: (908) 947-0274 FAX 1: 781.337.7642

CLIENT: NELSON ABNAMS EMAIL: NELSON.ABNAMS@A-E.AZON

CONTACT: DDC CRANE PROPERTY PROJECT NUMBER: 00008815 PROJECT STATE: NY

MATRIX: A-WATER S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS CONTAINER: P-PLASTIC
WI-WIPES C-CASSETTES W-WASTE O-OTHER G-GLASS V-VOA

LAB ID: 1 CLIENT SAMPLE IDENTIFICATION: 1905-19 5-7 MATRIX: SLUG SIZE: 1-800 TYPE: Q CONTAINER: 2 DATE: 12/14/05 TIME: 9:20 TECH: ELA Notes: 207-VOL

LAB ID: 2 CLIENT SAMPLE IDENTIFICATION: 1905-19 7-9 MATRIX: SLUG SIZE: 1-800 TYPE: Q CONTAINER: 2 DATE: 12/14/05 TIME: 9:35 TECH: ELA Notes: 207-VOL

LAB ID: 3 CLIENT SAMPLE IDENTIFICATION: 1905-19 5-7 MATRIX: SLUG SIZE: 1-800 TYPE: Q CONTAINER: 2 DATE: 12/14/05 TIME: 14:30 TECH: ELA Notes: 207-VOL

LAB ID: 4 CLIENT SAMPLE IDENTIFICATION: 1905-19 7-9 MATRIX: SLUG SIZE: 1-800 TYPE: Q CONTAINER: 2 DATE: 12/14/05 TIME: 14:40 TECH: ELA Notes: 207-VOL

LAB ID: 5 CLIENT SAMPLE IDENTIFICATION: 1905-14 5-7 MATRIX: SLUG SIZE: 1-800 TYPE: Q CONTAINER: 2 DATE: 12/14/05 TIME: 14:45 TECH: ELA Notes: 207-VOL

LAB ID: 6 CLIENT SAMPLE IDENTIFICATION: 1905-14 7-9 MATRIX: SLUG SIZE: 1-800 TYPE: Q CONTAINER: 2 DATE: 12/14/05 TIME: 14:50 TECH: ELA Notes: 207-VOL

LAB ID: 7 CLIENT SAMPLE IDENTIFICATION: WC-1 MATRIX: SLUG SIZE: 1-800 TYPE: Q CONTAINER: 2 DATE: 12/14/05 TIME: 14:55 TECH: ELA Notes: 207-VOL

LAB ID: 8 CLIENT SAMPLE IDENTIFICATION: WC-2 MATRIX: SLUG SIZE: 1-800 TYPE: Q CONTAINER: 2 DATE: 12/14/05 TIME: 15:00 TECH: ELA Notes: 207-VOL

LAB ID: 9 CLIENT SAMPLE IDENTIFICATION: WC-3 MATRIX: SLUG SIZE: 1-800 TYPE: Q CONTAINER: 2 DATE: 12/14/05 TIME: 15:05 TECH: ELA Notes: 207-VOL

LAB ID: 10 CLIENT SAMPLE IDENTIFICATION: WC-4 MATRIX: SLUG SIZE: 1-800 TYPE: Q CONTAINER: 2 DATE: 12/14/05 TIME: 15:10 TECH: ELA Notes: 207-VOL

LAB ID: 11 CLIENT SAMPLE IDENTIFICATION: WC-5 MATRIX: SLUG SIZE: 1-800 TYPE: Q CONTAINER: 2 DATE: 12/14/05 TIME: 15:15 TECH: ELA Notes: 207-VOL

LAB ID: 12 CLIENT SAMPLE IDENTIFICATION: WC-6 MATRIX: SLUG SIZE: 1-800 TYPE: Q CONTAINER: 2 DATE: 12/14/05 TIME: 15:20 TECH: ELA Notes: 207-VOL

LAB ID: 13 CLIENT SAMPLE IDENTIFICATION: WC-7 MATRIX: SLUG SIZE: 1-800 TYPE: Q CONTAINER: 2 DATE: 12/14/05 TIME: 15:25 TECH: ELA Notes: 207-VOL

LAB ID: 14 CLIENT SAMPLE IDENTIFICATION: WC-8 MATRIX: SLUG SIZE: 1-800 TYPE: Q CONTAINER: 2 DATE: 12/14/05 TIME: 15:30 TECH: ELA Notes: 207-VOL

LAB ID: 15 CLIENT SAMPLE IDENTIFICATION: WC-9 MATRIX: SLUG SIZE: 1-800 TYPE: Q CONTAINER: 2 DATE: 12/14/05 TIME: 15:35 TECH: ELA Notes: 207-VOL

LAB ID: 16 CLIENT SAMPLE IDENTIFICATION: WC-10 MATRIX: SLUG SIZE: 1-800 TYPE: Q CONTAINER: 2 DATE: 12/14/05 TIME: 15:40 TECH: ELA Notes: 207-VOL

LAB ID: 17 CLIENT SAMPLE IDENTIFICATION: WC-11 MATRIX: SLUG SIZE: 1-800 TYPE: Q CONTAINER: 2 DATE: 12/14/05 TIME: 15:45 TECH: ELA Notes: 207-VOL

LAB ID: 18 CLIENT SAMPLE IDENTIFICATION: WC-12 MATRIX: SLUG SIZE: 1-800 TYPE: Q CONTAINER: 2 DATE: 12/14/05 TIME: 15:50 TECH: ELA Notes: 207-VOL

LAB ID: 19 CLIENT SAMPLE IDENTIFICATION: WC-13 MATRIX: SLUG SIZE: 1-800 TYPE: Q CONTAINER: 2 DATE: 12/14/05 TIME: 15:55 TECH: ELA Notes: 207-VOL

LAB ID: 20 CLIENT SAMPLE IDENTIFICATION: WC-14 MATRIX: SLUG SIZE: 1-800 TYPE: Q CONTAINER: 2 DATE: 12/14/05 TIME: 16:00 TECH: ELA Notes: 207-VOL

LAB ID: 21 CLIENT SAMPLE IDENTIFICATION: WC-15 MATRIX: SLUG SIZE: 1-800 TYPE: Q CONTAINER: 2 DATE: 12/14/05 TIME: 16:05 TECH: ELA Notes: 207-VOL

LAB ID: 22 CLIENT SAMPLE IDENTIFICATION: WC-16 MATRIX: SLUG SIZE: 1-800 TYPE: Q CONTAINER: 2 DATE: 12/14/05 TIME: 16:10 TECH: ELA Notes: 207-VOL

LAB ID: 23 CLIENT SAMPLE IDENTIFICATION: WC-17 MATRIX: SLUG SIZE: 1-800 TYPE: Q CONTAINER: 2 DATE: 12/14/05 TIME: 16:15 TECH: ELA Notes: 207-VOL

LAB ID: 24 CLIENT SAMPLE IDENTIFICATION: WC-18 MATRIX: SLUG SIZE: 1-800 TYPE: Q CONTAINER: 2 DATE: 12/14/05 TIME: 16:20 TECH: ELA Notes: 207-VOL

LAB ID: 25 CLIENT SAMPLE IDENTIFICATION: WC-19 MATRIX: SLUG SIZE: 1-800 TYPE: Q CONTAINER: 2 DATE: 12/14/05 TIME: 16:25 TECH: ELA Notes: 207-VOL

PAGE 1 OF 1

TEMP UPON RECEIPT: 3.4°C

DUE DATE: 0512-336

DATA PACKAGE: 0512-336

DATE: 0512-336

TIME: 0512-336

DATE: 0512-336

TIME: 0512-336

DATE: 0512-336

TIME: 0512-336

DATE: 0512-336

TIME: 0512-336

DATE: 0512-336

TIME: 0512-336

DATE: 0512-336

TIME: 0512-336

DATE: 0512-336

TIME: 0512-336

DATE: 0512-336

TIME: 0512-336

DATE: 0512-336

TIME: 0512-336

DATE: 0512-336

TIME: 0512-336

DATE: 0512-336

TIME: 0512-336

DATE: 0512-336

TIME: 0512-336

DATE: 0512-336

TIME: 0512-336

DATE: 0512-336

TIME: 0512-336

DATE: 0512-336

TIME: 0512-336

DATE: 0512-336

TIME: 0512-336

Sample Receiving Form

CLIENT: <u>METCALF + EDDY</u>	WORKORDER: <u>0512-336</u>
CLIENTS JOB: <u>DDC - LEVINE</u>	RECEIVED BY: <u>MP</u>
RECEIVED DATE: <u>12/28/05</u>	SHIPPING METHOD: <u>FedEx</u>
TEMP UPON RECEIPT: <u>3.9°C</u>	

"No" responses must be explained in the comment section below.

Checklist	YES	NO	NA
Were custody seals on shipping container(s) intact? Check "NA" if no seals, or if containers were hand delivered.			<input checked="" type="checkbox"/>
Were Chain of Custody Forms included with the samples?	<input checked="" type="checkbox"/>		
Were Chain of Custody Forms properly filled out (ink, signed, etc.)	<input checked="" type="checkbox"/>		
Were all containers received in good condition (Check for breakage/leaks)?	<input checked="" type="checkbox"/>		
Were all containers labeled with required information (Sample Id, date, signed, analysis, preservation)?	<input checked="" type="checkbox"/>		
Were the correct containers used for the tests indicated?	<input checked="" type="checkbox"/>		
Were proper preservation techniques indicated?	<input checked="" type="checkbox"/>		
Were samples received within holding times? If "NO" nonconformance form is required.	<input checked="" type="checkbox"/>		
Were all VOA bottles checked for the presence of air bubbles? If bubbles were found please note in the comment section.	<input checked="" type="checkbox"/>		
Were samples in direct contact with wet ice? If "NO" check one: <input type="checkbox"/> Blue Ice <input type="checkbox"/> No Ice	<input checked="" type="checkbox"/>		
Is sample temperature recorded? If "NO" check one: <input type="checkbox"/> Unable to record <input type="checkbox"/> Temp taken near samples	<input checked="" type="checkbox"/>		
Were pHs of samples checked and recorded on the COC forms?	<input checked="" type="checkbox"/>		
Did the laboratory accept samples?	<input checked="" type="checkbox"/>		
Will samples be subcontracted? If "yes" list subcontractor and tests in specified sections below.	<input checked="" type="checkbox"/>		
Subcontractor: <u>Phoenix</u> Date Sent Out: <u>12/30/05</u>			
Analyses Sent: <u>TCLP Herb.</u>			

Login Technician: <u>(MP)</u>	Login Review:
Comments:	
<u>FULL DATA PACKAGE USING EPA METHODS</u>	
<u>+ FULL LIST SVOL PER NELSON ABRAMS. (MP)</u>	



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

Laboratory Report

Report Date 01/12/2006
Workorder No. 0601-00029

Customer: Metcalf & Eddy Associates
1140 Route 22 East
Suite 101
Bridgewater, NJ 08807
Attention: Mr. Nelson Abrams
Subject: DDC-LEVINE PROPERTY: WATER 1/3

Sample: 001 MW-3
Collection Date: 01/03/2006 Time: 1:15:00PM
Matrix: WATER

Received Date: 01/04/2006 Time: 10:30:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics 8260							
Dichlorodifluoromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
Vinyl Chloride	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
Chloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
Bromomethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
Chloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
Trichlorofluoromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
Acrolein	EPA 8260B	ND	ug/L	25	MVP	01/06/2006 / 11:45	
Acetone	EPA 8260B	10	ug/L	25	MVP	01/06/2006 / 11:45	JB
1,1-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
Iodomethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
Carbon Disulfide	EPA 8260B	10	ug/L	25	MVP	01/06/2006 / 11:45	J
Methylene Chloride	EPA 8260B	3	ug/L	5.0	MVP	01/06/2006 / 11:45	JB
Acrylonitrile	EPA 8260B	ND	ug/L	25	MVP	01/06/2006 / 11:45	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
1,1-Dichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
Vinyl Acetate	EPA 8260B	ND	ug/L	25	MVP	01/06/2006 / 11:45	
2-Butanone-(MEK)	EPA 8260B	ND	ug/L	25	MVP	01/06/2006 / 11:45	
2,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
Chloroform	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
Bromochloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
1,1-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744
ND = Not Detected PQL= Practical Quantitation Limit



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00029

Sample: 001 MW-3
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Carbon Tetrachloride	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
Benzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
1,2-Dichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
Trichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
1,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/L	25	MVP	01/06/2006 / 11:45	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/L	25	MVP	01/06/2006 / 11:45	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
Toluene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
Bromodichloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
1,2-Dibromoethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
2-Hexanone	EPA 8260B	ND	ug/L	25	MVP	01/06/2006 / 11:45	
1,3-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
Tetrachloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
Dibromochloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
Chlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
Ethylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
M & P-XYLENE	EPA 8260B	ND	ug/L	10	MVP	01/06/2006 / 11:45	
O-XYLENE	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
Styrene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
Bromoform	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
Isopropylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
n-Propylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
Bromobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
2-Chlorotoluene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
4-Chlorotoluene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
tert-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 2 of 35



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00029

Sample: 001 MW-3
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
sec-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
4-Isopropyltoluene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
n-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
Hexachlorobutadiene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
Naphthalene	EPA 8260B	3	ug/L	5.0	MVP	01/06/2006 / 11:45	JB
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 11:45	
DIBROMOFLUOROMETHANE (SURR)		109	%		MVP	01/06/2006 / 11:45	
TOLUENE-D8 (SURROGATE)		97.7	%		MVP	01/06/2006 / 11:45	
4-BROMOFLUOROBENZENE (SURR)		93.8	%		MVP	01/06/2006 / 11:45	
B/NA Extractables EPA 8270							
N-Nitrosodimethylamine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
Phenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
2-Chlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
2-Methyl Phenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
Hexachloroethane	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
3&4-Methyl Phenol	EPA 8270C	ND	ug/L	10	TLL	01/11/2006 / 15:35	
Nitrobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
Isophorone	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
2-Nitrophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
2,4-Dimethylphenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
bis (2-Chloroethoxy)	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
2,4-Dichlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 3 of 35



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00029

Sample: 001 MW-3
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Naphthalene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
4-Chloroaniline	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
Hexachlorobutadiene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
2-Methylnaphthalene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
2-Chloronaphthalene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
2-Nitroaniline	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
Acenaphthylene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
Dimethyl Phthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
Acenaphthene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
3-Nitroaniline	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
2,4-Dinitrophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
Dibenzofuran	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
4-Nitrophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
Fluorene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
Diethyl Phthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
4-Nitroaniline	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
Hexachlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
Pentachlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
Phenanthrene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
Anthracene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
Carbazole	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
Di-n-butylphthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
Fluoranthene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
Benzidine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 4 of 35



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00029

Sample: 001 MW-3
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Pyrene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
Benzo(a)anthracene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
Chrysene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
Di-n-octyl phthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
Benzo(a)pyrene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 15:35	
2-FLUOROPHENOL (SURR)		0.67	%		TLL	01/11/2006 / 15:35	G6
PHENOL-D5 (SURR)		0.32	%		TLL	01/11/2006 / 15:35	G6
NITROBENZENE-D5 (SURR)		72.7	%		TLL	01/11/2006 / 15:35	
2-FLUOROBIPHENYL (SURR)		79.1	%		TLL	01/11/2006 / 15:35	
2,4,6-TRIBROMOPHENOL (SURR)		3.15	%		TLL	01/11/2006 / 15:35	G6
TERPHENYL-D14 (SURR)		84.8	%		TLL	01/11/2006 / 15:35	
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
beta-BHC	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Aldrin	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Heptachlor	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
delta-BHC	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Heptachlor Epoxide	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endosulfan I	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
4,4'-DDE	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Dieldrin	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endrin	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
4,4'-DDD	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endosulfan II	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 5 of 35



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00029

Sample: 001 MW-3
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Endrin Aldehyde	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
4,4'-DDT	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endosulfan Sulfate	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Methoxychlor	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endrin Ketone	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Chlordane	EPA 8081A	ND	ug/L	1.0	NAC	01/11/2006 / 16:38	
Toxaphene	EPA 8081A	ND	ug/L	1.0	NAC	01/11/2006 / 16:38	
TCMX (SURROGATE)		130	%		NAC	01/11/2006 / 16:38	
DCB (SURROGATE)		0.00	%		NAC	01/11/2006 / 16:38	G6
PCB							
PCB-1016	EPA 8082	ND	ug/L	1.0	NAC	01/10/2006 / 1:28	
PCB-1221	EPA 8082	ND	ug/L	1.0	NAC	01/10/2006 / 1:28	
PCB-1232	EPA 8082	ND	ug/L	1.0	NAC	01/10/2006 / 1:28	
PCB-1242	EPA 8082	ND	ug/L	1.0	NAC	01/10/2006 / 1:28	
PCB-1248	EPA 8082	ND	ug/L	1.0	NAC	01/10/2006 / 1:28	
PCB-1254	EPA 8082	ND	ug/L	1.0	NAC	01/10/2006 / 1:28	
PCB-1260	EPA 8082	ND	ug/L	1.0	NAC	01/10/2006 / 1:28	
PCB-1262	EPA 8082	ND	ug/L	1.0	NAC	01/10/2006 / 1:28	
TCMX (SURROGATE)		166	%		NAC	01/10/2006 / 1:28	
DCB (SURROGATE)		92.3	%		NAC	01/10/2006 / 1:28	
Target Analyte List Metals							
Aluminum	200.7, EPA 1987	1.85	mg/L	0.150	JS	01/11/2006 / 15:54	
Antimony	200.7, EPA 1987	ND	mg/L	0.0100	JS	01/11/2006 / 15:54	
Barium	200.7, EPA 1987	0.132	mg/L	0.0100	JS	01/11/2006 / 15:54	
Arsenic	200.7, EPA 1987	ND	mg/L	0.0100	JS	01/11/2006 / 15:54	
Beryllium	200.7, EPA 1987	ND	mg/L	0.00250	JS	01/11/2006 / 15:54	
Cadmium	200.7, EPA 1987	ND	mg/L	0.00110	JS	01/11/2006 / 15:54	
Chromium	200.7, EPA 1987	0.00868	mg/L	0.00600	JS	01/11/2006 / 15:54	
Calcium	200.7, EPA 1987	147	mg/L	0.500	JS	01/11/2006 / 15:54	
Copper	200.7, EPA 1987	0.0125	mg/L	0.00500	JS	01/11/2006 / 15:54	
Cobalt	200.7, EPA 1987	ND	mg/L	0.0500	JS	01/11/2006 / 15:54	
Iron	200.7, EPA 1987	3.74	mg/L	0.100	JS	01/11/2006 / 15:54	B1
Magnesium	200.7, EPA 1987	185	mg/L	0.500	JS	01/11/2006 / 15:54	
Lead	200.7, EPA 1987	0.0168	mg/L	0.0100	JS	01/11/2006 / 15:54	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 6 of 35

Sample: 001 MW-3
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Manganese	200.7, EPA 1987	1.92	mg/L	0.00700	JS	01/11/2006 / 15:54	
Mercury	245.1, EPA 1983	ND	mg/L	0.000200	NAP	01/10/2006 / 16:19	
Nickel	200.7, EPA 1987	ND	mg/L	0.0400	JS	01/11/2006 / 15:54	
Potassium	200.7, EPA 1987	59.8	mg/L	0.500	JS	01/11/2006 / 15:54	
Sodium	200.7, EPA 1987	1240	mg/L	10.0	JS	01/11/2006 / 15:54	
Silver	200.7, EPA 1987	ND	mg/L	0.00500	JS	01/11/2006 / 15:54	
Selenium	200.7, EPA 1987	ND	mg/L	0.0200	JS	01/11/2006 / 15:54	
Zinc	200.7, EPA 1987	0.0993	mg/L	0.0500	JS	01/11/2006 / 15:54	
Thallium	200.7, EPA 1987	ND	mg/L	0.0200	JS	01/11/2006 / 15:54	
Vanadium	200.7, EPA 1987	ND	mg/L	0.0500	JS	01/11/2006 / 15:54	
608 WATER EXTRACTION		0.990			MEW	01/10/2006 / 9:19	
PCB WATER EXTRACTION		1.00			NS	01/05/2006 / 7:16	
Pesticide Water Extraction		COMPLETE			NAC	01/11/2006 / 18:16	

Sample: 002 MW-4

Collection Date: 01/03/2006 Time: 2:25:00PM
Matrix: WATER

Received Date: 01/04/2006 Time: 10:30:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics 8260							
Dichlorodifluoromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
Vinyl Chloride	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
Chloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
Bromomethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
Chloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
Trichlorofluoromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
Acrolein	EPA 8260B	ND	ug/L	25	MVP	01/06/2006 / 12:12	
Acetone	EPA 8260B	10		25	MVP	01/06/2006 / 12:12	JB
1,1-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
Iodomethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
Carbon Disulfide	EPA 8260B	ND	ug/L	25	MVP	01/06/2006 / 12:12	
Methylene Chloride	EPA 8260B	3	ug/L	5.0	MVP	01/06/2006 / 12:12	JB
Acrylonitrile	EPA 8260B	ND	ug/L	25	MVP	01/06/2006 / 12:12	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00029

Sample: 002 MW-4
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
1,1-Dichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
Vinyl Acetate	EPA 8260B	ND	ug/L	25	MVP	01/06/2006 / 12:12	
2-Butanone-(MEK)	EPA 8260B	ND	ug/L	25	MVP	01/06/2006 / 12:12	
2,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
Chloroform	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
Bromochloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
1,1-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
Carbon Tetrachloride	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
Benzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
1,2-Dichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
Trichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
1,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/L	25	MVP	01/06/2006 / 12:12	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/L	25	MVP	01/06/2006 / 12:12	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
Toluene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
Bromodichloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
1,2-Dibromoethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
2-Hexanone	EPA 8260B	ND	ug/L	25	MVP	01/06/2006 / 12:12	
1,3-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
Tetrachloroethylene	EPA 8260B	2	ug/L	5.0	MVP	01/06/2006 / 12:12	J
Dibromochloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
Chlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
Ethylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
M & P-XYLENE	EPA 8260B	ND	ug/L	10	MVP	01/06/2006 / 12:12	
O-XYLENE	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
Styrene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
Bromoform	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 8 of 35



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00029

Sample: 002 MW-4
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Isopropylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
n-Propylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
Bromobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
2-Chlorotoluene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
4-Chlorotoluene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
tert-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
sec-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
4-Isopropyltoluene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
n-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
Hexachlorobutadiene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
Naphthalene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:12	
DIBROMOFLUOROMETHANE (SURR)		111	%		MVP	01/06/2006 / 12:12	
TOLUENE-D8 (SURROGATE)		99.2	%		MVP	01/06/2006 / 12:12	
4-BROMOFLUOROBENZENE (SURR)		97.7	%		MVP	01/06/2006 / 12:12	
B/NA Extractables EPA 8270							
N-Nitrosodimethylamine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
Phenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
2-Chlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
2-Methyl Phenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 9 of 35



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00029

Sample: 002 MW-4
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Hexachloroethane	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
3&4-Methyl Phenol	EPA 8270C	ND	ug/L	11	TLL	01/11/2006 / 16:15	
Nitrobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
Isophorone	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
2-Nitrophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
2,4-Dimethylphenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
bis (2-Chloroethoxy)	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
2,4-Dichlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
Naphthalene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
4-Chloroaniline	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
Hexachlorobutadiene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
2-Methylnaphthalene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
2-Chloronaphthalene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
2-Nitroaniline	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
Acenaphthylene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
Dimethyl Phthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
Acenaphthene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
3-Nitroaniline	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
2,4-Dinitrophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
Dibenzofuran	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
4-Nitrophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
Fluorene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
Diethyl Phthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
4-Nitroaniline	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744
ND = Not Detected PQL= Practical Quantitation Limit

Page: 10 of 35



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00029

Sample: 002 MW-4
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
Hexachlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
Pentachlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
Phenanthrene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
Anthracene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
Carbazole	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
Di-n-butylphthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
Fluoranthene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
Benzdine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
Pyrene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
Benzo(a)anthracene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
Chrysene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
Di-n-octyl phthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
Benzo(a)pyrene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:15	
2-FLUOROPHENOL (SURR)		9.01	%		TLL	01/11/2006 / 16:15	G6
PHENOL-D5 (SURR)		4.17	%		TLL	01/11/2006 / 16:15	G6
NITROBENZENE-D5 (SURR)		73.9	%		TLL	01/11/2006 / 16:15	
2-FLUOROBIPHENYL (SURR)		73.1	%		TLL	01/11/2006 / 16:15	
2,4,6-TRIBROMOPHENOL (SURR)		60.3	%		TLL	01/11/2006 / 16:15	
TERPHENYL-D14 (SURR)		78.8	%		TLL	01/11/2006 / 16:15	
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
beta-BHC	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 11 of 35



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00029

Sample: 002 MW-4
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Aldrin	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Heptachlor	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
delta-BHC	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Heptachlor Epoxide	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endosulfan I	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
4,4'-DDE	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Dieldrin	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endrin	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
4,4'-DDD	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endosulfan II	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endrin Aldehyde	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
4,4'-DDT	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endosulfan Sulfate	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Methoxychlor	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endrin Ketone	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Chlordane	EPA 8081A	ND	ug/L	1.0	NAC	01/11/2006 / 16:38	
Toxaphene	EPA 8081A	ND	ug/L	1.0	NAC	01/11/2006 / 16:38	
TCMX (SURROGATE)		73.9	%		NAC	01/11/2006 / 16:38	
DCB (SURROGATE)		45.8	%		NAC	01/11/2006 / 16:38	
PCB							
PCB-1016	EPA 8082	ND	ug/L	1.0	NAC	01/10/2006 / 1:48	
PCB-1221	EPA 8082	ND	ug/L	1.0	NAC	01/10/2006 / 1:48	
PCB-1232	EPA 8082	ND	ug/L	1.0	NAC	01/10/2006 / 1:48	
PCB-1242	EPA 8082	ND	ug/L	1.0	NAC	01/10/2006 / 1:48	
PCB-1248	EPA 8082	ND	ug/L	1.0	NAC	01/10/2006 / 1:48	
PCB-1254	EPA 8082	ND	ug/L	1.0	NAC	01/10/2006 / 1:48	
PCB-1260	EPA 8082	ND	ug/L	1.0	NAC	01/10/2006 / 1:48	
PCB-1262	EPA 8082	ND	ug/L	1.0	NAC	01/10/2006 / 1:48	
TCMX (SURROGATE)		107	%		NAC	01/10/2006 / 1:48	
DCB (SURROGATE)		82.8	%		NAC	01/10/2006 / 1:48	
Target Analyte List Metals							
Aluminum	200.7, EPA 1987	0.327	mg/L	0.150	JS	01/11/2006 / 15:54	
Antimony	200.7, EPA 1987	ND	mg/L	0.0100	JS	01/11/2006 / 15:54	
Barium	200.7, EPA 1987	0.0654	mg/L	0.0100	JS	01/11/2006 / 15:54	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 12 of 35



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00029

Sample: 002 MW-4
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Arsenic	200.7, EPA 1987	ND	mg/L	0.0100	JS	01/11/2006 / 15:54	
Beryllium	200.7, EPA 1987	ND	mg/L	0.00250	JS	01/11/2006 / 15:54	
Cadmium	200.7, EPA 1987	ND	mg/L	0.00110	JS	01/11/2006 / 15:54	
Chromium	200.7, EPA 1987	ND	mg/L	0.00600	JS	01/11/2006 / 15:54	
Calcium	200.7, EPA 1987	292	mg/L	0.500	JS	01/11/2006 / 15:54	
Copper	200.7, EPA 1987	0.00714	mg/L	0.00500	JS	01/11/2006 / 15:54	
Cobalt	200.7, EPA 1987	ND	mg/L	0.0500	JS	01/11/2006 / 15:54	
Iron	200.7, EPA 1987	1.37	mg/L	0.100	JS	01/11/2006 / 15:54	B1
Magnesium	200.7, EPA 1987	129	mg/L	0.500	JS	01/11/2006 / 15:54	
Lead	200.7, EPA 1987	ND	mg/L	0.0100	JS	01/11/2006 / 15:54	
Manganese	200.7, EPA 1987	0.686	mg/L	0.00700	JS	01/11/2006 / 15:54	
Mercury	245.1, EPA 1983	ND	mg/L	0.000200	NAP	01/10/2006 / 16:19	
Nickel	200.7, EPA 1987	ND	mg/L	0.0400	JS	01/11/2006 / 15:54	
Potassium	200.7, EPA 1987	41.5	mg/L	0.500	JS	01/11/2006 / 15:54	
Sodium	200.7, EPA 1987	836	mg/L	4.00	JS	01/11/2006 / 15:54	
Silver	200.7, EPA 1987	ND	mg/L	0.00500	JS	01/11/2006 / 15:54	
Selenium	200.7, EPA 1987	ND	mg/L	0.0200	JS	01/11/2006 / 15:54	
Zinc	200.7, EPA 1987	0.0817	mg/L	0.0500	JS	01/11/2006 / 15:54	
Thallium	200.7, EPA 1987	ND	mg/L	0.0200	JS	01/11/2006 / 15:54	
Vanadium	200.7, EPA 1987	ND	mg/L	0.0500	JS	01/11/2006 / 15:54	
608 WATER EXTRACTION		0.970			MEW	01/10/2006 / 9:19	
PCB WATER EXTRACTION		1.00			NS	01/05/2006 / 7:16	
Pesticide Water Extraction		COMPLETE			NAC	01/11/2006 / 18:16	

Sample: 003 MW-6
Collection Date: 01/03/2006 Time: 11:01:00AM
Matrix: WATER

Received Date: 01/04/2006 Time: 10:30:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics 8260							
Dichlorodifluoromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
Vinyl Chloride	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
Chloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
Bromomethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 13 of 35



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00029

Sample: 003 MW-6
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Chloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
Trichlorofluoromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
Acrolein	EPA 8260B	ND	ug/L	25	MVP	01/06/2006 / 12:40	
Acetone	EPA 8260B	96	ug/L	25	MVP	01/06/2006 / 12:40	B
1,1-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
Iodomethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
Carbon Disulfide	EPA 8260B	ND	ug/L	25	MVP	01/06/2006 / 12:40	
Methylene Chloride	EPA 8260B	3	ug/L	5.0	MVP	01/06/2006 / 12:40	JB
Acrylonitrile	EPA 8260B	ND	ug/L	25	MVP	01/06/2006 / 12:40	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
1,1-Dichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
Vinyl Acetate	EPA 8260B	ND	ug/L	25	MVP	01/06/2006 / 12:40	
2-Butanone-(MEK)	EPA 8260B	10	ug/L	25	MVP	01/06/2006 / 12:40	J
2,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
Chloroform	EPA 8260B	4	ug/L	5.0	MVP	01/06/2006 / 12:40	J
Bromochloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
1,1-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
Carbon Tetrachloride	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
Benzene	EPA 8260B	4	ug/L	5.0	MVP	01/06/2006 / 12:40	J
1,2-Dichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
Trichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
1,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/L	25	MVP	01/06/2006 / 12:40	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/L	25	MVP	01/06/2006 / 12:40	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
Toluene	EPA 8260B	1	ug/L	5.0	MVP	01/06/2006 / 12:40	J
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
Bromodichloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
1,2-Dibromoethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
2-Hexanone	EPA 8260B	ND	ug/L	25	MVP	01/06/2006 / 12:40	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

Page: 14 of 35

ND = Not Detected PQL= Practical Quantitation Limit



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00029

Sample: 003 MW-6
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,3-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
Tetrachloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
Dibromochloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
Chlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
Ethylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
M & P-XYLENE	EPA 8260B	4	ug/L	5.0	MVP	01/06/2006 / 12:40	J
O-XYLENE	EPA 8260B	4	ug/L	10	MVP	01/06/2006 / 12:40	J
Styrene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
Bromoforn	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
Isopropylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
n-Propylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
Bromobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
2-Chlorotoluene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
1,3,5-Trimethylbenzene	EPA 8260B	1	ug/L	5.0	MVP	01/06/2006 / 12:40	J
4-Chlorotoluene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
tert-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
1,2,4-Trimethylbenzene	EPA 8260B	5	ug/L	5.0	MVP	01/06/2006 / 12:40	
sec-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
4-Isopropyltoluene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
n-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
Hexachlorobutadiene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
Naphthalene	EPA 8260B	23	ug/L	5.0	MVP	01/06/2006 / 12:40	B
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 12:40	
DIBROMOFLUOROMETHANE (SURR)		107	%		MVP	01/06/2006 / 12:40	
TOLUENE-D8 (SURROGATE)		99.4	%		MVP	01/06/2006 / 12:40	
4-BROMOFLUOROBENZENE (SURR)		96.3	%		MVP	01/06/2006 / 12:40	



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00029

Sample: 003 MW-6
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
B/NA Extractables EPA 8270							
N-Nitrosodimethylamine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
Phenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
2-Chlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
2-Methyl Phenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
Hexachloroethane	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
3&4-Methyl Phenol	EPA 8270C	ND	ug/L	11	TLL	01/11/2006 / 16:56	
Nitrobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
Isophorone	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
2-Nitrophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
2,4-Dimethylphenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
bis (2-Chloroethoxy)	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
2,4-Dichlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
Naphthalene	EPA 8270C	12	ug/L	5	TLL	01/11/2006 / 16:56	
4-Chloroaniline	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
Hexachlorobutadiene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
2-Methylnaphthalene	EPA 8270C	8	ug/L	5	TLL	01/11/2006 / 16:56	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
2-Chloronaphthalene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
2-Nitroaniline	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
Acenaphthylene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
Dimethyl Phthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
Acenaphthene	EPA 8270C	8	ug/L	5	TLL	01/11/2006 / 16:56	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 16 of 35



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00029

Sample: 003 MW-6
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
3-Nitroaniline	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
2,4-Dinitrophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
Dibenzofuran	EPA 8270C	3	ug/L	5	TLL	01/11/2006 / 16:56	J
2,4-Dinitrotoluene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
4-Nitrophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
Fluorene	EPA 8270C	3	ug/L	5	TLL	01/11/2006 / 16:56	J
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
Diethyl Phthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
4-Nitroaniline	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
Hexachlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
Pentachlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
Phenanthrene	EPA 8270C	3	ug/L	5	TLL	01/11/2006 / 16:56	J
Anthracene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
Carbazole	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
Di-n-butylphthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
Fluoranthene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
Benzidine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
Pyrene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
Benzo(a)anthracene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
Chrysene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
bis(2-Ethylhexyl)phthalate	EPA 8270C	1	ug/L	5	TLL	01/11/2006 / 16:56	J
Di-n-octyl phthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
Benzo(a)pyrene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 16:56	
2-FLUOROPHENOL (SURR)		43.4	%		TLL	01/11/2006 / 16:56	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00029

Sample: 003 MW-6
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PHENOL-D5 (SURR)		32.6	%		TLL	01/11/2006 / 16:56	
NITROBENZENE-D5 (SURR)		85.5	%		TLL	01/11/2006 / 16:56	
2-FLUOROBIPHENYL (SURR)		80.7	%		TLL	01/11/2006 / 16:56	
2,4,6-TRIBROMOPHENOL (SURR)		89.4	%		TLL	01/11/2006 / 16:56	
TERPHENYL-D14 (SURR)		96.4	%		TLL	01/11/2006 / 16:56	
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/L	0.06	NAC	01/11/2006 / 16:38	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/L	0.06	NAC	01/11/2006 / 16:38	
beta-BHC	EPA 8081A	ND	ug/L	0.06	NAC	01/11/2006 / 16:38	
Aldrin	EPA 8081A	ND	ug/L	0.06	NAC	01/11/2006 / 16:38	
Heptachlor	EPA 8081A	ND	ug/L	0.06	NAC	01/11/2006 / 16:38	
delta-BHC	EPA 8081A	ND	ug/L	0.06	NAC	01/11/2006 / 16:38	
Heptachlor Epoxide	EPA 8081A	ND	ug/L	0.06	NAC	01/11/2006 / 16:38	
Endosulfan I	EPA 8081A	ND	ug/L	0.06	NAC	01/11/2006 / 16:38	
4,4'-DDE	EPA 8081A	ND	ug/L	0.06	NAC	01/11/2006 / 16:38	
Dieldrin	EPA 8081A	ND	ug/L	0.06	NAC	01/11/2006 / 16:38	
Endrin	EPA 8081A	ND	ug/L	0.06	NAC	01/11/2006 / 16:38	
4,4'-DDD	EPA 8081A	ND	ug/L	0.06	NAC	01/11/2006 / 16:38	
Endosulfan II	EPA 8081A	ND	ug/L	0.06	NAC	01/11/2006 / 16:38	
Endrin Aldehyde	EPA 8081A	ND	ug/L	0.06	NAC	01/11/2006 / 16:38	
4,4'-DDT	EPA 8081A	ND	ug/L	0.06	NAC	01/11/2006 / 16:38	
Endosulfan Sulfate	EPA 8081A	ND	ug/L	0.06	NAC	01/11/2006 / 16:38	
Methoxychlor	EPA 8081A	ND	ug/L	0.06	NAC	01/11/2006 / 16:38	
Endrin Ketone	EPA 8081A	ND	ug/L	0.06	NAC	01/11/2006 / 16:38	
Chlordane	EPA 8081A	ND	ug/L	1.1	NAC	01/11/2006 / 16:38	
Toxaphene	EPA 8081A	ND	ug/L	1.1	NAC	01/11/2006 / 16:38	
TCMX (SURROGATE)		71.5	%		NAC	01/11/2006 / 16:38	
DCB (SURROGATE)		124	%		NAC	01/11/2006 / 16:38	
PCB							
PCB-1016	EPA 8082	ND	ug/L	1.2	NAC	01/10/2006 / 2:09	
PCB-1221	EPA 8082	ND	ug/L	1.2	NAC	01/10/2006 / 2:09	
PCB-1232	EPA 8082	ND	ug/L	1.2	NAC	01/10/2006 / 2:09	
PCB-1242	EPA 8082	ND	ug/L	1.2	NAC	01/10/2006 / 2:09	



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00029

Sample: 003 MW-6
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-1248	EPA 8082	ND	ug/L	1.2	NAC	01/10/2006 / 2:09	
PCB-1254	EPA 8082	ND	ug/L	1.2	NAC	01/10/2006 / 2:09	
PCB-1260	EPA 8082	ND	ug/L	1.2	NAC	01/10/2006 / 2:09	
PCB-1262	EPA 8082	ND	ug/L	1.2	NAC	01/10/2006 / 2:09	
TCMX (SURROGATE)		109	%		NAC	01/10/2006 / 2:09	
DCB (SURROGATE)		44.2	%		NAC	01/10/2006 / 2:09	
Target Analyte List Metals							
Aluminum	200.7, EPA 1987	12.2	mg/L	0.150	JS	01/11/2006 / 15:54	
Antimony	200.7, EPA 1987	ND	mg/L	0.0100	JS	01/11/2006 / 15:54	
Barium	200.7, EPA 1987	0.0991	mg/L	0.0100	JS	01/11/2006 / 15:54	
Arsenic	200.7, EPA 1987	0.0149	mg/L	0.0100	JS	01/11/2006 / 15:54	
Beryllium	200.7, EPA 1987	ND	mg/L	0.00250	JS	01/11/2006 / 15:54	
Cadmium	200.7, EPA 1987	ND	mg/L	0.00110	JS	01/11/2006 / 15:54	
Chromium	200.7, EPA 1987	0.0268	mg/L	0.00600	JS	01/11/2006 / 15:54	
Calcium	200.7, EPA 1987	48.5	mg/L	0.500	JS	01/11/2006 / 15:54	
Copper	200.7, EPA 1987	0.0403	mg/L	0.00500	JS	01/11/2006 / 15:54	
Cobalt	200.7, EPA 1987	ND	mg/L	0.0500	JS	01/11/2006 / 15:54	
Iron	200.7, EPA 1987	19.8	mg/L	0.100	JS	01/11/2006 / 15:54	B1
Magnesium	200.7, EPA 1987	3.70	mg/L	0.500	JS	01/11/2006 / 15:54	
Lead	200.7, EPA 1987	0.0752	mg/L	0.0100	JS	01/11/2006 / 15:54	
Manganese	200.7, EPA 1987	0.283	mg/L	0.00700	JS	01/11/2006 / 15:54	
Mercury	245.1, EPA 1983	0.000220	mg/L	0.000200	NAP	01/10/2006 / 16:19	
Nickel	200.7, EPA 1987	ND	mg/L	0.0400	JS	01/11/2006 / 15:54	
Potassium	200.7, EPA 1987	25.0	mg/L	0.500	JS	01/11/2006 / 15:54	
Sodium	200.7, EPA 1987	59.8	mg/L	2.00	JS	01/11/2006 / 15:54	
Silver	200.7, EPA 1987	ND	mg/L	0.00500	JS	01/11/2006 / 15:54	
Selenium	200.7, EPA 1987	ND	mg/L	0.0200	JS	01/11/2006 / 15:54	
Zinc	200.7, EPA 1987	0.407	mg/L	0.0500	JS	01/11/2006 / 15:54	
Thallium	200.7, EPA 1987	ND	mg/L	0.0200	JS	01/11/2006 / 15:54	
Vanadium	200.7, EPA 1987	0.0692	mg/L	0.0500	JS	01/11/2006 / 15:54	
608 WATER EXTRACTION		0.900			MEW	01/10/2006 / 9:19	
PCB WATER EXTRACTION		0.820			NS	01/05/2006 / 7:16	
Pesticide Water Extraction		COMPLETE			NAC	01/11/2006 / 18:16	



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00029

Sample: 004 MW-7

Collection Date: 01/03/2006 Time: 11:55:00AM

Received Date: 01/04/2006 Time: 10:30:00AM

Matrix: WATER

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics 8260							
Dichlorodifluoromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
Vinyl Chloride	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
Chloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
Bromomethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
Chloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
Trichlorofluoromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
Acrolein	EPA 8260B	ND	ug/L	25	MVP	01/06/2006 / 13:08	
Acetone	EPA 8260B	17	ug/L	25	MVP	01/06/2006 / 13:08	JB
1,1-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
Iodomethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
Carbon Disulfide	EPA 8260B	ND	ug/L	25	MVP	01/06/2006 / 13:08	
Methylene Chloride	EPA 8260B	3	ug/L	5.0	MVP	01/06/2006 / 13:08	JB
Acrylonitrile	EPA 8260B	ND	ug/L	25	MVP	01/06/2006 / 13:08	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
1,1-Dichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
Vinyl Acetate	EPA 8260B	ND	ug/L	25	MVP	01/06/2006 / 13:08	
2-Butanone-(MEK)	EPA 8260B	7	ug/L	25	MVP	01/06/2006 / 13:08	J
2,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
Chloroform	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
Bromochloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
1,1-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
Carbon Tetrachloride	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
Benzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
1,2-Dichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
Trichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
1,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/L	25	MVP	01/06/2006 / 13:08	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/L	25	MVP	01/06/2006 / 13:08	

Certifications:

MA: MA069

NY:10962

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 20 of 35



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00029

Sample: 004 MW-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
Toluene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
Bromodichloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
1,2-Dibromoethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
2-Hexanone	EPA 8260B	5	ug/L	25	MVP	01/06/2006 / 13:08	J
1,3-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
Tetrachloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
Dibromochloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
Chlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
Ethylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
M & P-XYLENE	EPA 8260B	ND	ug/L	10	MVP	01/06/2006 / 13:08	
O-XYLENE	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
Styrene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
Bromoform	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
Isopropylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
n-Propylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
Bromobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
2-Chlorotoluene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
4-Chlorotoluene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
tert-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
sec-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
4-Isopropyltoluene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
n-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00029

Sample: 004 MW-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
Hexachlorobutadiene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
Naphthalene	EPA 8260B	1	ug/L	5.0	MVP	01/06/2006 / 13:08	JB
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:08	
DIBROMOFLUOROMETHANE (SURR)		111	%		MVP	01/06/2006 / 13:08	
TOLUENE-D8 (SURROGATE)		99.6	%		MVP	01/06/2006 / 13:08	
4-BROMOFLUOROBENZENE (SURR)		97.0	%		MVP	01/06/2006 / 13:08	
B/NA Extractables EPA 8270							
N-Nitrosodimethylamine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
Phenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
2-Chlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
2-Methyl Phenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
Hexachloroethane	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
3&4-Methyl Phenol	EPA 8270C	ND	ug/L	10	TLL	01/11/2006 / 17:37	
Nitrobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
Isophorone	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
2-Nitrophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
2,4-Dimethylphenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
bis (2-Chloroethoxy)	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
2,4-Dichlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
Naphthalene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
4-Chloroaniline	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
Hexachlorobutadiene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
2-Methylnaphthalene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00029

Sample: 004 MW-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
2-Chloronaphthalene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
2-Nitroaniline	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
Acenaphthylene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
Dimethyl Phthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
Acenaphthene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
3-Nitroaniline	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
2,4-Dinitrophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
Dibenzofuran	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
4-Nitrophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
Fluorene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
Diethyl Phthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
4-Nitroaniline	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
Hexachlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
Pentachlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
Phenanthrene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
Anthracene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
Carbazole	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
Di-n-butylphthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
Fluoranthene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
Benzidine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
Pyrene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
Benzo(a)anthracene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
Chrysene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
Di-n-octyl phthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	



Customer:

Metcalf & Eddy Associates

Workorder No.

0601-00029

Sample: 004 MW-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
Benzo(a)pyrene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 17:37	
2-FLUOROPHENOL (SURR)		17.1	%		TLL	01/11/2006 / 17:37	
PHENOL-D5 (SURR)		10.4	%		TLL	01/11/2006 / 17:37	G6
NITROBENZENE-D5 (SURR)		76.7	%		TLL	01/11/2006 / 17:37	
2-FLUOROBIPHENYL (SURR)		74.2	%		TLL	01/11/2006 / 17:37	
2,4,6-TRIBROMOPHENOL (SURR)		23.0	%		TLL	01/11/2006 / 17:37	G6
TERPHENYL-D14 (SURR)		81.7	%		TLL	01/11/2006 / 17:37	
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
beta-BHC	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Aldrin	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Heptachlor	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
delta-BHC	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Heptachlor Epoxide	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endosulfan I	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
4,4'-DDE	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Dieldrin	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endrin	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
4,4'-DDD	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endosulfan II	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endrin Aldehyde	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
4,4'-DDT	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endosulfan Sulfate	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Methoxychlor	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endrin Ketone	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Chlordane	EPA 8081A	ND	ug/L	1.0	NAC	01/11/2006 / 16:38	
Toxaphene	EPA 8081A	ND	ug/L	1.0	NAC	01/11/2006 / 16:38	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 24 of 35



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00029

Sample: 004 MW-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TCMX (SURROGATE)		81.2	%		NAC	01/11/2006 / 16:38	
DCB (SURROGATE)		101	%		NAC	01/11/2006 / 16:38	
PCB							
PCB-1016	EPA 8082	ND	ug/L	1.1	NAC	01/10/2006 / 2:29	
PCB-1221	EPA 8082	ND	ug/L	1.1	NAC	01/10/2006 / 2:29	
PCB-1232	EPA 8082	ND	ug/L	1.1	NAC	01/10/2006 / 2:29	
PCB-1242	EPA 8082	ND	ug/L	1.1	NAC	01/10/2006 / 2:29	
PCB-1248	EPA 8082	ND	ug/L	1.1	NAC	01/10/2006 / 2:29	
PCB-1254	EPA 8082	ND	ug/L	1.1	NAC	01/10/2006 / 2:29	
PCB-1260	EPA 8082	ND	ug/L	1.1	NAC	01/10/2006 / 2:29	
PCB-1262	EPA 8082	ND	ug/L	1.1	NAC	01/10/2006 / 2:29	
TCMX (SURROGATE)		141	%		NAC	01/10/2006 / 2:29	
DCB (SURROGATE)		67.0	%		NAC	01/10/2006 / 2:29	
Target Analyte List Metals							
Aluminum	200.7, EPA 1987	13.3	mg/L	0.150	JS	01/11/2006 / 15:54	
Antimony	200.7, EPA 1987	ND	mg/L	0.0100	JS	01/11/2006 / 15:54	
Barium	200.7, EPA 1987	0.0893	mg/L	0.0100	JS	01/11/2006 / 15:54	
Arsenic	200.7, EPA 1987	ND	mg/L	0.0100	JS	01/11/2006 / 15:54	
Beryllium	200.7, EPA 1987	ND	mg/L	0.00250	JS	01/11/2006 / 15:54	
Cadmium	200.7, EPA 1987	ND	mg/L	0.00110	JS	01/11/2006 / 15:54	
Chromium	200.7, EPA 1987	0.0222	mg/L	0.00600	JS	01/11/2006 / 15:54	
Calcium	200.7, EPA 1987	231	mg/L	0.500	JS	01/11/2006 / 15:54	
Copper	200.7, EPA 1987	0.0240	mg/L	0.00500	JS	01/11/2006 / 15:54	
Cobalt	200.7, EPA 1987	ND	mg/L	0.0500	JS	01/11/2006 / 15:54	
Iron	200.7, EPA 1987	20.2	mg/L	0.100	JS	01/11/2006 / 15:54	B1
Magnesium	200.7, EPA 1987	49.0	mg/L	0.500	JS	01/11/2006 / 15:54	
Lead	200.7, EPA 1987	0.0404	mg/L	0.0100	JS	01/11/2006 / 15:54	
Manganese	200.7, EPA 1987	4.92	mg/L	0.00700	JS	01/11/2006 / 15:54	
Mercury	245.1, EPA 1983	0.000204	mg/L	0.000200	NAP	01/11/2006 / 14:49	
Nickel	200.7, EPA 1987	ND	mg/L	0.0400	JS	01/11/2006 / 15:54	
Potassium	200.7, EPA 1987	26.0	mg/L	0.500	JS	01/11/2006 / 15:54	
Sodium	200.7, EPA 1987	131	mg/L	2.00	JS	01/11/2006 / 15:54	
Silver	200.7, EPA 1987	ND	mg/L	0.00500	JS	01/11/2006 / 15:54	
Selenium	200.7, EPA 1987	ND	mg/L	0.0200	JS	01/11/2006 / 15:54	

Certifications:

MA: MA069

NY: 10982

CT: PH0119

RI: A45

NJ: 59744

ND = Not Detected PQL = Practical Quantitation Limit

Page: 25 of 35



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00029

Sample: 004 MW-7
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Zinc	200.7, EPA 1987	0.0942	mg/L	0.0500	JS	01/11/2006 / 15:54	
Thallium	200.7, EPA 1987	ND	mg/L	0.0200	JS	01/11/2006 / 15:54	
Vanadium	200.7, EPA 1987	ND	mg/L	0.0500	JS	01/11/2006 / 15:54	
608 WATER EXTRACTION		1.00			MEW	01/10/2006 / 9:19	
PCB WATER EXTRACTION		0.930			NS	01/05/2006 / 7:16	
Pesticide Water Extraction		COMPLETE			NAC	01/11/2006 / 18:16	

Sample: 005 MW-8

Collection Date: 01/03/2006 Time: 9:37:00AM

Received Date: 01/04/2006 Time: 10:30:00AM

Matrix: WATER

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics 8260							
Dichlorodifluoromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
Vinyl Chloride	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
Chloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
Bromomethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
Chloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
Trichlorofluoromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
Acrolein	EPA 8260B	ND	ug/L	25	MVP	01/06/2006 / 13:35	
Acetone	EPA 8260B	20	ug/L	25	MVP	01/06/2006 / 13:35	JB
1,1-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
Iodomethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
Carbon Disulfide	EPA 8260B	ND	ug/L	25	MVP	01/06/2006 / 13:35	
Methylene Chloride	EPA 8260B	3	ug/L	5.0	MVP	01/10/2006 / 16:17	JB
Acrylonitrile	EPA 8260B	ND	ug/L	25	MVP	01/06/2006 / 13:35	
Methyl-Tert-Butyl-Ether	EPA 8260B	2	ug/L	5.0	MVP	01/06/2006 / 13:35	JB
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
1,1-Dichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
Vinyl Acetate	EPA 8260B	ND	ug/L	25	MVP	01/06/2006 / 13:35	
2-Butanone-(MEK)	EPA 8260B	5	ug/L	25	MVP	01/06/2006 / 13:35	J
2,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
Chloroform	EPA 8260B	1	ug/L	5.0	MVP	01/06/2006 / 13:35	J

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 26 of 35

Sample: 005 MW-8
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Bromochloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
1,1-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
Carbon Tetrachloride	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
Benzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
1,2-Dichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
Trichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
1,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/L	25	MVP	01/06/2006 / 13:35	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/L	25	MVP	01/06/2006 / 13:35	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
Toluene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
Bromodichloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
1,2-Dibromoethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
2-Hexanone	EPA 8260B	ND	ug/L	25	MVP	01/06/2006 / 13:35	
1,3-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
Tetrachloroethylene	EPA 8260B	4	ug/L	5.0	MVP	01/06/2006 / 13:35	J
Dibromochloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
Chlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
Ethylbenzene	EPA 8260B	2	ug/L	5.0	MVP	01/06/2006 / 13:35	J
M & P-XYLENE	EPA 8260B	6	ug/L	10	MVP	01/06/2006 / 13:35	J
O-XYLENE	EPA 8260B	4	ug/L	5.0	MVP	01/06/2006 / 13:35	J
Styrene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
Bromoform	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
Isopropylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
n-Propylbenzene	EPA 8260B	1	ug/L	5.0	MVP	01/06/2006 / 13:35	J
Bromobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
2-Chlorotoluene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
1,3,5-Trimethylbenzene	EPA 8260B	4	ug/L	5.0	MVP	01/06/2006 / 13:35	J



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00029

Sample: 005 MW-8
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
4-Chlorotoluene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
tert-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
1,2,4-Trimethylbenzene	EPA 8260B	13	ug/L	5.0	MVP	01/06/2006 / 13:35	
sec-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
4-Isopropyltoluene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
n-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
Hexachlorobutadiene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
Naphthalene	EPA 8260B	8	ug/L	5.0	MVP	01/06/2006 / 13:35	B
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 13:35	
DIBROMOFLUOROMETHANE (SURR)		110	%		MVP	01/06/2006 / 13:35	
TOLUENE-D8 (SURROGATE)		98.8	%		MVP	01/06/2006 / 13:35	
4-BROMOFLUOROBENZENE (SURR)		95.0	%		MVP	01/06/2006 / 13:35	
B/NA Extractables EPA 8270							
N-Nitrosodimethylamine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
Phenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
2-Chlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
2-Methyl Phenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
Hexachloroethane	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
3,4-Methyl Phenol	EPA 8270C	ND	ug/L	10	TLL	01/11/2006 / 18:17	
Nitrobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
Isophorone	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
2-Nitrophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
2,4-Dimethylphenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	

Sample: 005 MW-8
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
bis (2-Chloroethoxy)	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
2,4-Dichlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
Naphthalene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
4-Chloroaniline	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
Hexachlorobutadiene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
2-Methylnaphthalene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
2-Chloronaphthalene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
2-Nitroaniline	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
Acenaphthylene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
Dimethyl Phthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
Acenaphthene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
3-Nitroaniline	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
2,4-Dinitrophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
Dibenzofuran	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
4-Nitrophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
Fluorene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
Diethyl Phthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
4-Nitroaniline	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
Hexachlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
Pentachlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
Phenanthrene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
Anthracene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
Carbazole	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00029

Sample: 005 MW-8
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Di-n-butylphthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
Fluoranthene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
Benzidine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
Pyrene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
Benzo(a)anthracene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
Chrysene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
Di-n-octyl phthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
Benzo(a)pyrene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 18:17	
2-FLUOROPHENOL (SURR)		0.43	%		TLL	01/11/2006 / 18:17	G6
PHENOL-D5 (SURR)		0.11	%		TLL	01/11/2006 / 18:17	G6
NITROBENZENE-D5 (SURR)		83.1	%		TLL	01/11/2006 / 18:17	
2-FLUOROBIPHENYL (SURR)		79.8	%		TLL	01/11/2006 / 18:17	
2,4,6-TRIBROMOPHENOL (SURR)		0.81	%		TLL	01/11/2006 / 18:17	G6
TERPHENYL-D14 (SURR)		87.1	%		TLL	01/11/2006 / 18:17	
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
beta-BHC	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Aldrin	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Heptachlor	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
delta-BHC	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Heptachlor Epoxide	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endosulfan I	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
4,4'-DDE	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Dieldrin	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 30 of 35



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00029

Sample: 005 MW-8
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Endrin	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
4,4'-DDD	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endosulfan II	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endrin Aldehyde	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
4,4'-DDT	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endosulfan Sulfate	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Methoxychlor	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endrin Ketone	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Chlordane	EPA 8081A	ND	ug/L	1.0	NAC	01/11/2006 / 16:38	
Toxaphene	EPA 8081A	ND	ug/L	1.0	NAC	01/11/2006 / 16:38	
TCMX (SURROGATE)		79.5	%		NAC	01/11/2006 / 16:38	
DCB (SURROGATE)		113	%		NAC	01/11/2006 / 16:38	
PCB							
PCB-1016	EPA 8082	ND	ug/L	1.1	NAC	01/10/2006 / 2:49	
PCB-1221	EPA 8082	ND	ug/L	1.1	NAC	01/10/2006 / 2:49	
PCB-1232	EPA 8082	ND	ug/L	1.1	NAC	01/10/2006 / 2:49	
PCB-1242	EPA 8082	ND	ug/L	1.1	NAC	01/10/2006 / 2:49	
PCB-1248	EPA 8082	ND	ug/L	1.1	NAC	01/10/2006 / 2:49	
PCB-1254	EPA 8082	ND	ug/L	1.1	NAC	01/10/2006 / 2:49	
PCB-1260	EPA 8082	ND	ug/L	1.1	NAC	01/10/2006 / 2:49	
PCB-1262	EPA 8082	ND	ug/L	1.1	NAC	01/10/2006 / 2:49	
TCMX (SURROGATE)		97.1	%		NAC	01/10/2006 / 2:49	
DCB (SURROGATE)		35.6	%		NAC	01/10/2006 / 2:49	
Target Analyte List Metals							
Aluminum	200.7, EPA 1987	1.92	mg/L	0.150	JS	01/11/2006 / 15:54	M1
Antimony	200.7, EPA 1987	ND	mg/L	0.0100	JS	01/11/2006 / 15:54	M2
Barium	200.7, EPA 1987	0.243	mg/L	0.0100	JS	01/11/2006 / 15:54	
Arsenic	200.7, EPA 1987	ND	mg/L	0.0100	JS	01/11/2006 / 15:54	
Beryllium	200.7, EPA 1987	ND	mg/L	0.00250	JS	01/11/2006 / 15:54	
Cadmium	200.7, EPA 1987	ND	mg/L	0.00110	JS	01/11/2006 / 15:54	
Chromium	200.7, EPA 1987	0.00731	mg/L	0.00600	JS	01/11/2006 / 15:54	
Calcium	200.7, EPA 1987	196	mg/L	0.500	JS	01/11/2006 / 15:54	
Copper	200.7, EPA 1987	0.00733	mg/L	0.00500	JS	01/11/2006 / 15:54	
Cobalt	200.7, EPA 1987	ND	mg/L	0.0500	JS	01/11/2006 / 15:54	

Certifications:

MA: MA069

NY: 10982

CT: PH0119

RI: A45

NJ: 59744

ND = Not Detected PQL = Practical Quantitation Limit

Page: 31 of 35



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00029

Sample: 005 MW-8
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Iron	200.7, EPA 1987	4.49	mg/L	0.100	JS	01/11/2006 / 15:54	B1
Magnesium	200.7, EPA 1987	26.4	mg/L	0.500	JS	01/11/2006 / 15:54	
Lead	200.7, EPA 1987	ND	mg/L	0.0100	JS	01/11/2006 / 15:54	
Manganese	200.7, EPA 1987	5.60	mg/L	0.00700	JS	01/11/2006 / 15:54	MHA
Mercury	245.1, EPA 1983	ND	mg/L	0.000200	NAP	01/11/2006 / 14:49	
Nickel	200.7, EPA 1987	ND	mg/L	0.0400	JS	01/11/2006 / 15:54	
Potassium	200.7, EPA 1987	18.3	mg/L	0.500	JS	01/11/2006 / 15:54	
Sodium	200.7, EPA 1987	1600	mg/L	10.0	JS	01/11/2006 / 15:54	
Silver	200.7, EPA 1987	ND	mg/L	0.00500	JS	01/11/2006 / 15:54	
Selenium	200.7, EPA 1987	ND	mg/L	0.0200	JS	01/11/2006 / 15:54	
Zinc	200.7, EPA 1987	ND	mg/L	0.0500	JS	01/11/2006 / 15:54	
Thallium	200.7, EPA 1987	ND	mg/L	0.0200	JS	01/11/2006 / 15:54	
Vanadium	200.7, EPA 1987	ND	mg/L	0.0500	JS	01/11/2006 / 15:54	
608 WATER EXTRACTION		0.990			MEW	01/10/2006 / 9:19	
PCB WATER EXTRACTION		0.920			NS	01/05/2006 / 7:16	
Pesticide Water Extraction		COMPLETE			NAC	01/11/2006 / 18:16	

Sample: 006 TB 010306
Collection Date: 01/03/2006
Matrix: WATER

Received Date: 01/04/2006 Time: 10:30:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics 8260							
Dichlorodifluoromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
Vinyl Chloride	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
Chloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
Bromomethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
Chloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
Trichlorofluoromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
Acrolein	EPA 8260B	ND	ug/L	25	MVP	01/06/2006 / 14:03	
Acetone	EPA 8260B	ND	ug/L	25	MVP	01/06/2006 / 14:03	
1,1-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
Iodomethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
Carbon Disulfide	EPA 8260B	ND	ug/L	25	MVP	01/06/2006 / 14:03	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 32 of 35



Customer:

Metcalf & Eddy Associates

Workorder No.

0601-00029

Sample:
(Continued)

006 TB 010306

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Methylene Chloride	EPA 8260B	6	ug/L	5.0	MVP	01/06/2006 / 14:03	B
Acrylonitrile	EPA 8260B	ND	ug/L	25	MVP	01/06/2006 / 14:03	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
1,1-Dichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
Vinyl Acetate	EPA 8260B	ND	ug/L	25	MVP	01/06/2006 / 14:03	
2-Butanone-(MEK)	EPA 8260B	ND	ug/L	25	MVP	01/06/2006 / 14:03	
2,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
Chloroform	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
Bromochloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
1,1-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
Carbon Tetrachloride	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
Benzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
1,2-Dichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
Trichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
1,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/L	25	MVP	01/06/2006 / 14:03	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/L	25	MVP	01/06/2006 / 14:03	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
Toluene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
Bromodichloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
1,2-Dibromoethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
2-Hexanone	EPA 8260B	ND	ug/L	25	MVP	01/06/2006 / 14:03	
1,3-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
Tetrachloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
Dibromochloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
Chlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
Ethylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
M & P-XYLENE	EPA 8260B	ND	ug/L	10	MVP	01/06/2006 / 14:03	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 33 of 35



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00029

Sample: 006 TB 010306
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
O-XYLENE	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
Styrene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
Bromoform	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
Isopropylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
n-Propylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
Bromobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
2-Chlorotoluene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
4-Chlorotoluene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
tert-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
sec-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
4-Isopropyltoluene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
n-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
Hexachlorobutadiene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
Naphthalene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/06/2006 / 14:03	
DIBROMOFLUOROMETHANE (SURR)		115	%		MVP	01/06/2006 / 14:03	
TOLUENE-D8 (SURROGATE)		100	%		MVP	01/06/2006 / 14:03	
4-BROMOFLUOROBENZENE (SURR)		97.2	%		MVP	01/06/2006 / 14:03	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 34 of 35



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00029

- B1 Analyte was detected in the associated method blank. Analyte concentration in the sample is greater than 10x the concentration found in the method blank.
- G6 Surrogate recovery was below acceptance limits.
- M1 The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
- M2 The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
- MHA Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).

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

Authorized By:


Robert Bell, Environmental Laboratory Manager

Date: 1-12-06

Sample Receiving Form

CLIENT: <u>MetCALF + EDDY</u>	WORKORDER: <u>0601-029</u>
CLIENTS JOB: <u>Levine Property-DDC</u>	RECEIVED BY: <u>MP/NT</u>
RECEIVED DATE: <u>1/4/06</u>	SHIPPING METHOD: <u>FedEx</u>
TEMP UPON RECEIPT: <u>3.2 °C</u>	

"No" responses must be explained in the comment section below.

Checklist	YES	NO	NA
Were custody seals on shipping container(s) intact? Check "NA" if no seals, or if containers were hand delivered.			X
Were Chain of Custody Forms included with the samples?	X		
Were Chain of Custody Forms properly filled out (ink, signed, etc.)	X		
Were all containers received in good condition (Check for breakage/leaks)?	X		
Were all containers labeled with required information (Sample Id, date, signed, analysis, preservation)?	X		
Were the correct containers used for the tests indicated?	X		
Were proper preservation techniques indicated?	X		
Were samples received within holding times? If "NO" nonconformance form is required.	X		
Were all VOA bottles checked for the presence of air bubbles? If bubbles were found please note in the comment section.	X		
Were samples in direct contact with wet ice?			
If "NO" check one: <input type="checkbox"/> Blue Ice <input type="checkbox"/> No Ice	X		
Is sample temperature recorded ?			
If "NO" check one: <input type="checkbox"/> Unable to record <input type="checkbox"/> Temp taken near samples	X		
Were pHs of samples checked and recorded on the COC forms?	X		
Did the laboratory accept samples?	X		
Will samples be subcontracted? If "yes" list subcontractor and tests in specified sections below.		X	
Subcontractor:		Date Sent Out:	
Analyses Sent:			

Login Technician: <u>(MP)</u>	Login Review:
Comments:	
<u>Full DATA Package w/ EPA methods per</u>	
<u>Nelson Adams. (MP) 1/4/06</u>	



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

Laboratory Report

Report Date 01/12/2006
Workorder No. 0601-00038

Customer: Metcalf & Eddy Associates
1140 Route 22 East
Suite 101
Bridgewater, NJ 08807

Attention: Mr. Nelson Abrams

Subject: DDC-LEVINE PROPERTY H2O 1/4/06

Sample: 001 MW-1

Collection Date: 01/04/2006 Time: 10:15:00AM

Matrix: WATER

Received Date: 01/05/2006 Time: 10:30:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics 8260							
Dichlorodifluoromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	
Vinyl Chloride	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	
Chloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	
Bromomethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	
Chloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	
Trichlorofluoromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	
Acrolein	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 5:02	
Acetone	EPA 8260B	98	ug/L	25	MVP	01/12/2006 / 5:02	
1,1-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	
Iodomethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	
Carbon Disulfide	EPA 8260B	18	ug/L	25	MVP	01/12/2006 / 5:02	J
Methylene Chloride	EPA 8260B	2	ug/L	5.0	MVP	01/12/2006 / 5:02	JB
Acrylonitrile	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 5:02	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	
1,1-Dichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	
Vinyl Acetate	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 5:02	
2-Butanone-(MEK)	EPA 8260B	28	ug/L	25	MVP	01/12/2006 / 5:02	B
2,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	
Chloroform	EPA 8260B	4	ug/L	5.0	MVP	01/12/2006 / 5:02	J
Bromochloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	
1,1-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 1 of 41



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00038

Sample: 001 MW-1
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Carbon Tetrachloride	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	
Benzene	EPA 8260B	200	ug/L	5.0	MVP	01/12/2006 / 5:02	
1,2-Dichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	
Trichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	
1,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 5:02	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 5:02	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	
Toluene	EPA 8260B	240	ug/L	5.0	MVP	01/12/2006 / 5:02	E
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	
Bromodichloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	
1,2-Dibromoethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	
2-Hexanone	EPA 8260B	11	ug/L	25	MVP	01/12/2006 / 5:02	JB
1,3-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	
Tetrachloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	
Dibromochloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	
Chlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	
Ethylbenzene	EPA 8260B	210	ug/L	5.0	MVP	01/12/2006 / 5:02	E
M & P-XYLENE	EPA 8260B	300	ug/L	10	MVP	01/12/2006 / 5:02	
O-XYLENE	EPA 8260B	130	ug/L	5.0	MVP	01/12/2006 / 5:02	
Styrene	EPA 8260B	4	ug/L	5.0	MVP	01/12/2006 / 5:02	J
Bromoform	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	
Isopropylbenzene	EPA 8260B	25	ug/L	5.0	MVP	01/12/2006 / 5:02	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	
n-Propylbenzene	EPA 8260B	14	ug/L	5.0	MVP	01/12/2006 / 5:02	
Bromobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	
2-Chlorotoluene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	
1,3,5-Trimethylbenzene	EPA 8260B	52	ug/L	5.0	MVP	01/12/2006 / 5:02	
4-Chlorotoluene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	
tert-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	
1,2,4-Trimethylbenzene	EPA 8260B	160	ug/L	5.0	MVP	01/12/2006 / 5:02	



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00038

Sample: 001 MW-1
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
sec-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	
4-Isopropyltoluene	EPA 8260B	9	ug/L	5.0	MVP	01/12/2006 / 5:02	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	
n-Butylbenzene	EPA 8260B	2	ug/L	5.0	MVP	01/12/2006 / 5:02	J
1,2-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	
Hexachlorobutadiene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	
Naphthalene	EPA 8260B	580	ug/L	5.0	MVP	01/12/2006 / 5:02	E
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:02	
DIBROMOFLUOROMETHANE (SURR)		109	%		MVP	01/12/2006 / 5:02	
TOLUENE-D8 (SURROGATE)		100.0	%		MVP	01/12/2006 / 5:02	
4-BROMOFLUOROBENZENE (SURR)		97.4	%		MVP	01/12/2006 / 5:02	
B/NA Extractables EPA 8270							
N-Nitrosodimethylamine	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
Phenol	EPA 8270C	420	ug/L	55	TLL	01/11/2006 / 18:58	
2-Chlorophenol	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
2-Methyl Phenol	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
Hexachloroethane	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
3&4-Methyl Phenol	EPA 8270C	250	ug/L	110	TLL	01/11/2006 / 18:58	
Nitrobenzene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
Isophorone	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
2-Nitrophenol	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
2,4-Dimethylphenol	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
2,4-Dichlorophenol	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 3 of 41



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00038

Sample: 001 MW-1
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Naphthalene	EPA 8270C	240	ug/L	55	TLL	01/11/2006 / 18:58	
4-Chloroaniline	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
Hexachlorobutadiene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
2-Methylnaphthalene	EPA 8270C	65	ug/L	6	TLL	01/11/2006 / 18:58	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
2-Chloronaphthalene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
2-Nitroaniline	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
Acenaphthylene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
Dimethyl Phthalate	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
Acenaphthene	EPA 8270C	28	ug/L	6	TLL	01/11/2006 / 18:58	
3-Nitroaniline	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
2,4-Dinitrophenol	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
Dibenzofuran	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
4-Nitrophenol	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
Fluorene	EPA 8270C	13	ug/L	6	TLL	01/11/2006 / 18:58	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
Diethyl Phthalate	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
4-Nitroaniline	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
Hexachlorobenzene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
Pentachlorophenol	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
Phenanthrene	EPA 8270C	19	ug/L	6	TLL	01/11/2006 / 18:58	
Anthracene	EPA 8270C	6	ug/L	6	TLL	01/11/2006 / 18:58	
Carbazole	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
Di-n-butylphthalate	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
Fluoranthene	EPA 8270C	3	ug/L	6	TLL	01/11/2006 / 18:58	
Benzidine	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 4 of 41



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00038

Sample: 001 MW-1
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Pyrene	EPA 8270C	5	ug/L	6	TLL	01/11/2006 / 18:58	J
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
Benzo(a)anthracene	EPA 8270C	2	ug/L	6	TLL	01/11/2006 / 18:58	J
Chrysene	EPA 8270C	1	ug/L	6	TLL	01/11/2006 / 18:58	J
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
Di-n-octyl phthalate	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
Benzo(a)pyrene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 18:58	
2-FLUOROPHENOL (SURR)		48.8	%		TLL	01/11/2006 / 18:58	
PHENOL-D5 (SURR)		44.9	%		TLL	01/11/2006 / 18:58	
NITROBENZENE-D5 (SURR)		31.2	%		TLL	01/11/2006 / 18:58	G6
2-FLUOROBIPHENYL (SURR)		29.2	%		TLL	01/11/2006 / 18:58	G6
2,4,6-TRIBROMOPHENOL (SURR)		78.0	%		TLL	01/11/2006 / 18:58	
TERPHENYL-D14 (SURR)		41.9	%		TLL	01/11/2006 / 18:58	G6
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
beta-BHC	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Aldrin	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Heptachlor	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
delta-BHC	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Heptachlor Epoxide	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endosulfan I	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
4,4'-DDE	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Dieldrin	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endrin	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
4,4'-DDD	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endosulfan II	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 5 of 41



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00038

Sample: 001 MW-1
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Endrin Aldehyde	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
4,4'-DDT	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endosulfan Sulfate	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Methoxychlor	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endrin Ketone	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Chlordane	EPA 8081A	ND	ug/L	1.0	NAC	01/11/2006 / 16:38	
Toxaphene	EPA 8081A	ND	ug/L	1.0	NAC	01/11/2006 / 16:38	
TCMX (SURROGATE)		74.2	%		NAC	01/11/2006 / 16:38	
DCB (SURROGATE)		86.4	%		NAC	01/11/2006 / 16:38	
PCB							
PCB-1016	EPA 8082	ND	ug/L	1.0	NAC	01/11/2006 / 20:25	
PCB-1221	EPA 8082	ND	ug/L	1.0	NAC	01/11/2006 / 20:25	
PCB-1232	EPA 8082	ND	ug/L	1.0	NAC	01/11/2006 / 20:25	
PCB-1242	EPA 8082	ND	ug/L	1.0	NAC	01/11/2006 / 20:25	
PCB-1248	EPA 8082	ND	ug/L	1.0	NAC	01/11/2006 / 20:25	
PCB-1254	EPA 8082	ND	ug/L	1.0	NAC	01/11/2006 / 20:25	
PCB-1260	EPA 8082	ND	ug/L	1.0	NAC	01/11/2006 / 20:25	
PCB-1262	EPA 8082	ND	ug/L	1.0	NAC	01/11/2006 / 20:25	
TCMX (SURROGATE)		149	%		NAC	01/11/2006 / 20:25	
DCB (SURROGATE)		99.8	%		NAC	01/11/2006 / 20:25	
Target Analyte List Metals							
Aluminum	200.7, EPA 1987	2.59	mg/L	0.150	JS	01/09/2006 / 14:51	
Antimony	200.7, EPA 1987	ND	mg/L	0.0300	JS	01/10/2006 / 16:35	
Barium	200.7, EPA 1987	1.29	mg/L	0.0100	JS	01/09/2006 / 14:51	
Arsenic	200.7, EPA 1987	0.0919	mg/L	0.0100	JS	01/09/2006 / 14:51	
Beryllium	200.7, EPA 1987	ND	mg/L	0.00250	JS	01/09/2006 / 14:51	
Cadmium	200.7, EPA 1987	ND	mg/L	0.00110	JS	01/09/2006 / 14:51	
Chromium	200.7, EPA 1987	0.0110	mg/L	0.00600	JS	01/09/2006 / 14:51	
Calcium	200.7, EPA 1987	1130	mg/L	1.50	JS	01/10/2006 / 16:35	
Copper	200.7, EPA 1987	0.0333	mg/L	0.00500	JS	01/09/2006 / 14:51	
Cobalt	200.7, EPA 1987	ND	mg/L	0.0500	JS	01/09/2006 / 14:51	
Iron	200.7, EPA 1987	3.94	mg/L	0.100	JS	01/09/2006 / 14:51	
Magnesium	200.7, EPA 1987	140	mg/L	1.50	JS	01/10/2006 / 16:35	
Lead	200.7, EPA 1987	0.0490	mg/L	0.0100	JS	01/09/2006 / 14:51	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 6 of 41

Sample: 001 MW-1
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Manganese	200.7, EPA 1987	0.0969	mg/L	0.0210	JS	01/10/2006 / 16:35	
Mercury	245.1, EPA 1983	0.000216	mg/L	0.000200	NAP	01/11/2006 / 14:49	
Nickel	200.7, EPA 1987	ND	mg/L	0.0400	JS	01/09/2006 / 14:51	
Potassium	200.7, EPA 1987	308	mg/L	0.500	JS	01/09/2006 / 14:51	
Sodium	200.7, EPA 1987	2150	mg/L	20.0	JS	01/10/2006 / 16:35	
Silver	200.7, EPA 1987	ND	mg/L	0.00500	JS	01/09/2006 / 14:51	
Selenium	200.7, EPA 1987	ND	mg/L	0.0600	JS	01/10/2006 / 16:35	
Zinc	200.7, EPA 1987	0.141	mg/L	0.0500	JS	01/09/2006 / 14:51	
Thallium	200.7, EPA 1987	ND	mg/L	0.0200	JS	01/09/2006 / 14:51	
Vanadium	200.7, EPA 1987	ND	mg/L	0.0500	JS	01/09/2006 / 14:51	
608 WATER EXTRACTION		0.990			MEW	01/10/2006 / 9:19	
PCB WATER EXTRACTION		0.990			MEW	01/10/2006 / 9:20	
Pesticide Water Extraction		COMPLETE			NAC	01/11/2006 / 18:16	

Toluene and naphthalene were detected above the instrument calibration range in the volatile fraction of the analysis. The diluted reanalysis will be included with the ASP deliverable.

Sample: 002 MW-1D

Collection Date: 01/04/2006 Time: 10:25:00AM

Matrix: WATER

Received Date: 01/05/2006 Time: 10:30:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics 8260							P5
Dichlorodifluoromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
Vinyl Chloride	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
Chloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
Bromomethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
Chloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
Trichlorofluoromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
Acrolein	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 5:30	
Acetone	EPA 8260B	120	ug/L	25	MVP	01/12/2006 / 5:30	
1,1-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
Iodomethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
Carbon Disulfide	EPA 8260B	9	ug/L	25	MVP	01/12/2006 / 5:30	J
Methylene Chloride	EPA 8260B	2	ug/L	5.0	MVP	01/12/2006 / 5:30	JB

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 7 of 41



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00038

Sample: 002 MW-1D
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Acrylonitrile	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 5:30	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
1,1-Dichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
Vinyl Acetate	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 5:30	
2-Butanone-(MEK)	EPA 8260B	26	ug/L	25	MVP	01/12/2006 / 5:30	B
2,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
Chloroform	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
Bromochloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
1,1-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
Carbon Tetrachloride	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
Benzene	EPA 8260B	190	ug/L	5.0	MVP	01/12/2006 / 5:30	
1,2-Dichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
Trichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
1,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 5:30	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 5:30	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
Toluene	EPA 8260B	220	ug/L	5.0	MVP	01/12/2006 / 5:30	E
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
Bromodichloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
1,2-Dibromoethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
2-Hexanone	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 5:30	
1,3-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
Tetrachloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
Dibromochloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
Chlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
Ethylbenzene	EPA 8260B	200	ug/L	5.0	MVP	01/12/2006 / 5:30	
M & P-XYLENE	EPA 8260B	300	ug/L	10	MVP	01/12/2006 / 5:30	
O-XYLENE	EPA 8260B	130	ug/L	5.0	MVP	01/12/2006 / 5:30	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744
ND = Not Detected PQL= Practical Quantitation Limit

Page: 8 of 41



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00038

Sample: 002 MW-1D
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Styrene	EPA 8260B	4	ug/L	5.0	MVP	01/12/2006 / 5:30	J
Bromoform	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
Isopropylbenzene	EPA 8260B	23	ug/L	5.0	MVP	01/12/2006 / 5:30	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
n-Propylbenzene	EPA 8260B	13	ug/L	5.0	MVP	01/12/2006 / 5:30	
Bromobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
2-Chlorotoluene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
1,3,5-Trimethylbenzene	EPA 8260B	49	ug/L	5.0	MVP	01/12/2006 / 5:30	
4-Chlorotoluene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
tert-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
1,2,4-Trimethylbenzene	EPA 8260B	150	ug/L	5.0	MVP	01/12/2006 / 5:30	
sec-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
4-Isopropyltoluene	EPA 8260B	8	ug/L	5.0	MVP	01/12/2006 / 5:30	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
n-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
Hexachlorobutadiene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
Naphthalene	EPA 8260B	500	ug/L	5.0	MVP	01/12/2006 / 5:30	E
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:30	
DIBROMOFLUOROMETHANE (SURR)		105	%		MVP	01/12/2006 / 5:30	
TOLUENE-D8 (SURROGATE)		96.8	%		MVP	01/12/2006 / 5:30	
4-BROMOFLUOROBENZENE (SURR)		90.6	%		MVP	01/12/2006 / 5:30	
B/NA Extractables EPA 8270							
N-Nitrosodimethylamine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
Phenol	EPA 8270C	380	ug/L	52	TLL	01/11/2006 / 19:39	
2-Chlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	



Customer:

Metcalf & Eddy Associates

Workorder No. 0601-00038

Sample: 002 MW-1D
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2,2'-oxybis(1-Chloropropane)	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
2-Methyl Phenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
Hexachloroethane	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
3&4-Methyl Phenol	EPA 8270C	240	ug/L	100	TLL	01/11/2006 / 19:39	
Nitrobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
Isophorone	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
2-Nitrophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
2,4-Dimethylphenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
2,4-Dichlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
Naphthalene	EPA 8270C	350	ug/L	52	TLL	01/11/2006 / 19:39	
4-Chloroaniline	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
Hexachlorobutadiene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
2-Methylnaphthalene	EPA 8270C	81	ug/L	5	TLL	01/11/2006 / 19:39	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
2-Chloronaphthalene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
2-Nitroaniline	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
Acenaphthylene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
Dimethyl Phthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
Acenaphthene	EPA 8270C	39	ug/L	5	TLL	01/11/2006 / 19:39	
3-Nitroaniline	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
2,4-Dinitrophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
Dibenzofuran	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
4-Nitrophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
Fluorene	EPA 8270C	19	ug/L	5	TLL	01/11/2006 / 19:39	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
Diethyl Phthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL = Practical Quantitation Limit

Page: 10 of 41



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00038

Sample: 002 MW-1D
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
4-Nitroaniline	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
Hexachlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
Pentachlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
Phenanthrene	EPA 8270C	24	ug/L	5	TLL	01/11/2006 / 19:39	
Anthracene	EPA 8270C	7	ug/L	5	TLL	01/11/2006 / 19:39	
Carbazole	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
Di-n-butylphthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
Fluoranthene	EPA 8270C	3	ug/L	5	TLL	01/11/2006 / 19:39	J
Benzidine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
Pyrene	EPA 8270C	4	ug/L	5	TLL	01/11/2006 / 19:39	J
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
Benzo(a)anthracene	EPA 8270C	2	ug/L	5	TLL	01/11/2006 / 19:39	J
Chrysene	EPA 8270C	1	ug/L	5	TLL	01/11/2006 / 19:39	J
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
Di-n-octyl phthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
Benzo(a)pyrene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 19:39	
2-FLUOROPHENOL (SURR)		43.9	%		TLL	01/11/2006 / 19:39	
PHENOL-D5 (SURR)		36.4	%		TLL	01/11/2006 / 19:39	
NITROBENZENE-D5 (SURR)		37.0	%		TLL	01/11/2006 / 19:39	
2-FLUOROBIPHENYL (SURR)		38.5	%		TLL	01/11/2006 / 19:39	G6
2,4,6-TRIBROMOPHENOL (SURR)		78.3	%		TLL	01/11/2006 / 19:39	
TERPHENYL-D14 (SURR)		43.3	%		TLL	01/11/2006 / 19:39	G6
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	

Certifications: MA: MA069 NY:10962 CT: PH0119 RI:A45 NJ: 59744
ND = Not Detected PQL= Practical Quantitation Limit

Page: 11 of 41



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00038

Sample: 002 MW-1D
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
gamma-BHC (Lindane)	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
beta-BHC	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Aldrin	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Heptachlor	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
delta-BHC	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Heptachlor Epoxide	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endosulfan I	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
4,4'-DDE	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Dieldrin	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endrin	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
4,4'-DDD	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endosulfan II	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endrin Aldehyde	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
4,4'-DDT	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endosulfan Sulfate	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Methoxychlor	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endrin Ketone	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Chlordane	EPA 8081A	ND	ug/L	1.0	NAC	01/11/2006 / 16:38	
Toxaphene	EPA 8081A	ND	ug/L	1.0	NAC	01/11/2006 / 16:38	
TCMX (SURROGATE)		75.9	%		NAC	01/11/2006 / 16:38	
DCB (SURROGATE)		70.9	%		NAC	01/11/2006 / 16:38	
PCB							
PCB-1016	EPA 8082	ND	ug/L	1.0	NAC	01/11/2006 / 20:45	
PCB-1221	EPA 8082	ND	ug/L	1.0	NAC	01/11/2006 / 20:45	
PCB-1232	EPA 8082	ND	ug/L	1.0	NAC	01/11/2006 / 20:45	
PCB-1242	EPA 8082	ND	ug/L	1.0	NAC	01/11/2006 / 20:45	
PCB-1248	EPA 8082	ND	ug/L	1.0	NAC	01/11/2006 / 20:45	
PCB-1254	EPA 8082	ND	ug/L	1.0	NAC	01/11/2006 / 20:45	
PCB-1260	EPA 8082	ND	ug/L	1.0	NAC	01/11/2006 / 20:45	
PCB-1262	EPA 8082	ND	ug/L	1.0	NAC	01/11/2006 / 20:45	
TCMX (SURROGATE)		114	%		NAC	01/11/2006 / 20:45	
DCB (SURROGATE)		71.9	%		NAC	01/11/2006 / 20:45	
Target Analyte List Metals							P3
Aluminum	200.7, EPA 1987	0.892	mg/L	0.150	JS	01/09/2006 / 14:51	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 12 of 41



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00038

Sample: 002 MW-1D
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Antimony	200.7, EPA 1987	ND	mg/L	0.0300	JS	01/10/2006 / 16:35	
Barium	200.7, EPA 1987	1.28	mg/L	0.0100	JS	01/09/2006 / 14:51	
Arsenic	200.7, EPA 1987	0.0869	mg/L	0.0100	JS	01/09/2006 / 14:51	
Beryllium	200.7, EPA 1987	ND	mg/L	0.00250	JS	01/09/2006 / 14:51	
Cadmium	200.7, EPA 1987	ND	mg/L	0.00110	JS	01/09/2006 / 14:51	
Chromium	200.7, EPA 1987	0.00642	mg/L	0.00600	JS	01/09/2006 / 14:51	
Calcium	200.7, EPA 1987	1120	mg/L	1.50	JS	01/10/2006 / 16:35	
Copper	200.7, EPA 1987	0.0241	mg/L	0.00500	JS	01/09/2006 / 14:51	
Cobalt	200.7, EPA 1987	ND	mg/L	0.0500	JS	01/09/2006 / 14:51	
Iron	200.7, EPA 1987	2.12	mg/L	0.100	JS	01/09/2006 / 14:51	
Magnesium	200.7, EPA 1987	140	mg/L	1.50	JS	01/10/2006 / 16:35	
Lead	200.7, EPA 1987	0.0362	mg/L	0.0100	JS	01/09/2006 / 14:51	
Manganese	200.7, EPA 1987	0.0756	mg/L	0.0210	JS	01/10/2006 / 16:35	
Mercury	245.1, EPA 1983	ND	mg/L	0.000200	NAP	01/11/2006 / 14:49	
Nickel	200.7, EPA 1987	ND	mg/L	0.0400	JS	01/09/2006 / 14:51	
Potassium	200.7, EPA 1987	306	mg/L	0.500	JS	01/09/2006 / 14:51	
Sodium	200.7, EPA 1987	2150	mg/L	20.0	JS	01/10/2006 / 16:35	
Silver	200.7, EPA 1987	ND	mg/L	0.00500	JS	01/09/2006 / 14:51	
Selenium	200.7, EPA 1987	ND	mg/L	0.0600	JS	01/10/2006 / 16:35	
Zinc	200.7, EPA 1987	0.124	mg/L	0.0500	JS	01/09/2006 / 14:51	
Thallium	200.7, EPA 1987	ND	mg/L	0.0200	JS	01/09/2006 / 14:51	
Vanadium	200.7, EPA 1987	ND	mg/L	0.0500	JS	01/09/2006 / 14:51	
608 WATER EXTRACTION		1.00			MEW	01/10/2006 / 9:19	
PCB WATER EXTRACTION		1.00			MEW	01/10/2006 / 9:20	
Pesticide Water Extraction		COMPLETE			NAC	01/11/2006 / 18:16	

Toluene and naphthalene were detected above the instrument calibration range in the volatile fraction of the analysis. The diluted reanalysis will be included with the ASP deliverable.

Sample: 003 MW-2
Collection Date: 01/04/2006 Time: 11:55:00AM
Matrix: WATER

Received Date: 01/05/2006 Time: 10:30:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics 8260							

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 13 of 41



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00038

Sample: 003 MW-2
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Dichlorodifluoromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
Vinyl Chloride	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
Chloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
Bromomethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
Chloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
Trichlorofluoromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
Acrolein	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 5:57	
Acetone	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 5:57	
1,1-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
Iodomethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
Carbon Disulfide	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 5:57	
Methylene Chloride	EPA 8260B	2	ug/L	5.0	MVP	01/12/2006 / 5:57	JB
Acrylonitrile	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 5:57	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
1,1-Dichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
Vinyl Acetate	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 5:57	
2-Butanone-(MEK)	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 5:57	
2,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
Chloroform	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
Bromochloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
1,1-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
Carbon Tetrachloride	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
Benzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
1,2-Dichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
Trichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
1,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 5:57	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 5:57	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
Toluene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 14 of 41



Customer:

Metcalf & Eddy Associates

Workorder No. 0601-00038

Sample: 003 MW-2
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Bromodichloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
1,2-Dibromoethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
2-Hexanone	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 5:57	
1,3-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
Tetrachloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
Dibromochloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
Chlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
Ethylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
M & P-XYLENE	EPA 8260B	ND	ug/L	10	MVP	01/12/2006 / 5:57	
O-XYLENE	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
Styrene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
Bromoform	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
Isopropylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
n-Propylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
Bromobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
2-Chlorotoluene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
4-Chlorotoluene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
tert-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
sec-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
4-Isopropyltoluene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
n-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
Hexachlorobutadiene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
Naphthalene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 15 of 41



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00038

Sample: 003 MW-2
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 5:57	
DIBROMOFLUOROMETHANE (SURR)		99.0	%		MVP	01/12/2006 / 5:57	
TOLUENE-D8 (SURROGATE)		96.5	%		MVP	01/12/2006 / 5:57	
4-BROMOFLUOROBENZENE (SURR)		91.5	%		MVP	01/12/2006 / 5:57	
B/NA Extractables EPA 8270							
N-Nitrosodimethylamine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
Phenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
2-Chlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
2-Methyl Phenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
Hexachloroethane	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
3&4-Methyl Phenol	EPA 8270C	ND	ug/L	10	TLL	01/11/2006 / 20:19	
Nitrobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
Isophorone	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
2-Nitrophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
2,4-Dimethylphenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
2,4-Dichlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
Naphthalene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
4-Chloroaniline	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
Hexachlorobutadiene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
2-Methylnaphthalene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
2-Chloronaphthalene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
2-Nitroaniline	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744
ND = Not Detected PQL= Practical Quantitation Limit

Page: 16 of 41



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00038

Sample: 003 MW-2
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Acenaphthylene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
Dimethyl Phthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
Acenaphthene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
3-Nitroaniline	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
2,4-Dinitrophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
Dibenzofuran	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
4-Nitrophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
Fluorene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
Diethyl Phthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
4-Nitroaniline	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
Hexachlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
Pentachlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
Phenanthrene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
Anthracene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
Carbazole	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
Di-n-butylphthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
Fluoranthene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
Benidine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
Pyrene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
Benzo(a)anthracene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
Chrysene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
Di-n-octyl phthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744
ND = Not Detected PQL= Practical Quantitation Limit



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00038

Sample: 003 MW-2
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Benzo(a)pyrene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 20:19	
2-FLUOROPHENOL (SURR)		23.2	%		TLL	01/11/2006 / 20:19	
PHENOL-D5 (SURR)		17.4	%		TLL	01/11/2006 / 20:19	
NITROBENZENE-D5 (SURR)		73.3	%		TLL	01/11/2006 / 20:19	
2-FLUOROBIPHENYL (SURR)		71.5	%		TLL	01/11/2006 / 20:19	
2,4,6-TRIBROMOPHENOL (SURR)		58.1	%		TLL	01/11/2006 / 20:19	
TERPHENYL-D14 (SURR)		92.6	%		TLL	01/11/2006 / 20:19	
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
beta-BHC	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Aldrin	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Heptachlor	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
delta-BHC	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Heptachlor Epoxide	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endosulfan I	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
4,4'-DDE	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Dieldrin	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endrin	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
4,4'-DDD	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endosulfan II	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endrin Aldehyde	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
4,4'-DDT	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endosulfan Sulfate	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Methoxychlor	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endrin Ketone	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Chlordane	EPA 8081A	ND	ug/L	1.0	NAC	01/11/2006 / 16:38	
Toxaphene	EPA 8081A	ND	ug/L	1.0	NAC	01/11/2006 / 16:38	
TCMX (SURROGATE)		89.3	%		NAC	01/11/2006 / 16:38	
DCB (SURROGATE)		37.0	%		NAC	01/11/2006 / 16:38	
PCB							

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 18 of 41



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00038

Sample: 003 MW-2
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-1016	EPA 8082	ND	ug/L	1.0	NAC	01/11/2006 / 21:06	
PCB-1221	EPA 8082	ND	ug/L	1.0	NAC	01/11/2006 / 21:06	
PCB-1232	EPA 8082	ND	ug/L	1.0	NAC	01/11/2006 / 21:06	
PCB-1242	EPA 8082	ND	ug/L	1.0	NAC	01/11/2006 / 21:06	
PCB-1248	EPA 8082	ND	ug/L	1.0	NAC	01/11/2006 / 21:06	
PCB-1254	EPA 8082	ND	ug/L	1.0	NAC	01/11/2006 / 21:06	
PCB-1260	EPA 8082	ND	ug/L	1.0	NAC	01/11/2006 / 21:06	
PCB-1262	EPA 8082	ND	ug/L	1.0	NAC	01/11/2006 / 21:06	
TCMX (SURROGATE)		112	%		NAC	01/11/2006 / 21:06	
DCB (SURROGATE)		80.6	%		NAC	01/11/2006 / 21:06	
Target Analyte List Metals							
Aluminum	200.7, EPA 1987	3.00	mg/L	0.150	JS	01/09/2006 / 14:51	
Antimony	200.7, EPA 1987	ND	mg/L	0.0100	JS	01/09/2006 / 14:51	
Barium	200.7, EPA 1987	0.0863	mg/L	0.0100	JS	01/09/2006 / 14:51	
Arsenic	200.7, EPA 1987	ND	mg/L	0.0100	JS	01/09/2006 / 14:51	
Beryllium	200.7, EPA 1987	ND	mg/L	0.00250	JS	01/09/2006 / 14:51	
Cadmium	200.7, EPA 1987	ND	mg/L	0.00110	JS	01/09/2006 / 14:51	
Chromium	200.7, EPA 1987	0.00965	mg/L	0.00600	JS	01/09/2006 / 14:51	
Calcium	200.7, EPA 1987	172	mg/L	0.500	JS	01/09/2006 / 14:51	
Copper	200.7, EPA 1987	0.0214	mg/L	0.00500	JS	01/09/2006 / 14:51	
Cobalt	200.7, EPA 1987	ND	mg/L	0.0500	JS	01/09/2006 / 14:51	
Iron	200.7, EPA 1987	5.08	mg/L	0.100	JS	01/09/2006 / 14:51	
Magnesium	200.7, EPA 1987	330	mg/L	0.500	JS	01/09/2006 / 14:51	
Lead	200.7, EPA 1987	0.0668	mg/L	0.0100	JS	01/09/2006 / 14:51	
Manganese	200.7, EPA 1987	0.524	mg/L	0.00700	JS	01/09/2006 / 14:51	
Mercury	245.1, EPA 1983	0.00363	mg/L	0.000200	NAP	01/11/2006 / 14:49	
Nickel	200.7, EPA 1987	ND	mg/L	0.0400	JS	01/09/2006 / 14:51	
Potassium	200.7, EPA 1987	141	mg/L	0.500	JS	01/09/2006 / 14:51	
Sodium	200.7, EPA 1987	1560	mg/L	20.0	JS	01/10/2006 / 16:35	
Silver	200.7, EPA 1987	ND	mg/L	0.00500	JS	01/09/2006 / 14:51	
Selenium	200.7, EPA 1987	ND	mg/L	0.0200	JS	01/09/2006 / 14:51	
Zinc	200.7, EPA 1987	0.143	mg/L	0.0500	JS	01/09/2006 / 14:51	
Thallium	200.7, EPA 1987	ND	mg/L	0.0200	JS	01/09/2006 / 14:51	
Vanadium	200.7, EPA 1987	ND	mg/L	0.0500	JS	01/09/2006 / 14:51	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 19 of 41



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00038

Sample: 003 MW-2
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
608 WATER EXTRACTION		1.00			MEW	01/10/2006 / 9:19	
PCB WATER EXTRACTION		1.00			MEW	01/10/2006 / 9:20	
Pesticide Water Extraction		COMPLETE			NAC	01/11/2006 / 18:16	

Sample: 004 MW-5
Collection Date: 01/04/2006 Time: 1:20:00PM
Matrix: WATER

Received Date: 01/05/2006 Time: 10:30:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics 8260							
Dichlorodifluoromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
Vinyl Chloride	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
Chloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
Bromomethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
Chloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
Trichlorofluoromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
Acrolein	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 6:25	
Acetone	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 6:25	
1,1-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
Iodomethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
Carbon Disulfide	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 6:25	
Methylene Chloride	EPA 8260B	2	ug/L	5.0	MVP	01/12/2006 / 6:25	JB
Acrylonitrile	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 6:25	
Methyl-Tert-Butyl-Ether	EPA 8260B	4	ug/L	5.0	MVP	01/12/2006 / 6:25	J
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
1,1-Dichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
Vinyl Acetate	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 6:25	
2-Butanone-(MEK)	EPA 8260B	4	ug/L	25	MVP	01/12/2006 / 6:25	JB
2,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
Chloroform	EPA 8260B	4	ug/L	5.0	MVP	01/12/2006 / 6:25	J
Bromochloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
1,1-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744
ND = Not Detected PQL= Practical Quantitation Limit

Page: 20 of 41



Customer:

Metcalf & Eddy Associates

Workorder No. 0601-00038

Sample: 004 MW-5
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Carbon Tetrachloride	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
Benzene	EPA 8260B	2	ug/L	5.0	MVP	01/12/2006 / 6:25	J
1,2-Dichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
Trichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
1,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 6:25	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 6:25	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
Toluene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
Bromodichloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
1,2-Dibromoethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
2-Hexanone	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 6:25	
1,3-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
Tetrachloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
Dibromochloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
Chlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
Ethylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
M & P-XYLENE	EPA 8260B	ND	ug/L	10	MVP	01/12/2006 / 6:25	
O-XYLENE	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
Styrene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
Bromoform	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
Isopropylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
n-Propylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
Bromobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
2-Chlorotoluene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
4-Chlorotoluene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
tert-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 21 of 41



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00038

Sample: 004 MW-5
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
sec-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
4-Isopropyltoluene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
n-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
Hexachlorobutadiene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
Naphthalene	EPA 8260B	2	ug/L	5.0	MVP	01/12/2006 / 6:25	J
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:25	
DIBROMOFLUOROMETHANE (SURR)		102	%		MVP	01/12/2006 / 6:25	
TOLUENE-D8 (SURROGATE)		95.1	%		MVP	01/12/2006 / 6:25	
4-BROMOFLUOROBENZENE (SURR)		90.5	%		MVP	01/12/2006 / 6:25	
B/NA Extractables EPA 8270							
N-Nitrosodimethylamine	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
Phenol	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
2-Chlorophenol	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
2-Methyl Phenol	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
Hexachloroethane	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
3&4-Methyl Phenol	EPA 8270C	ND	ug/L	11	TLL	01/11/2006 / 21:00	
Nitrobenzene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
Isophorone	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
2-Nitrophenol	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
2,4-Dimethylphenol	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
2,4-Dichlorophenol	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 22 of 41



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00038

Sample: 004 MW-5
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Naphthalene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
4-Chloroaniline	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
Hexachlorobutadiene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
2-Methylnaphthalene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
2-Chloronaphthalene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
2-Nitroaniline	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
Acenaphthylene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
Dimethyl Phthalate	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
Acenaphthene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
3-Nitroaniline	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
2,4-Dinitrophenol	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
Dibenzofuran	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
4-Nitrophenol	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
Fluorene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
Diethyl Phthalate	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
4-Nitroaniline	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
Hexachlorobenzene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
Pentachlorophenol	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
Phenanthrene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
Anthracene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
Carbazole	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
Di-n-butylphthalate	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
Fluoranthene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
Benzidine	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00038

Sample: 004 MW-5
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Pyrene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
Benzo(a)anthracene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
Chrysene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
Di-n-octyl phthalate	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
Benzo(a)pyrene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/L	6	TLL	01/11/2006 / 21:00	
2-FLUOROPHENOL (SURR)		1.65	%		TLL	01/11/2006 / 21:00	G6
PHENOL-D5 (SURR)		19.6	%		TLL	01/11/2006 / 21:00	
NITROBENZENE-D5 (SURR)		84.0	%		TLL	01/11/2006 / 21:00	
2-FLUOROBIPHENYL (SURR)		76.4	%		TLL	01/11/2006 / 21:00	
2,4,6-TRIBROMOPHENOL (SURR)		53.4	%		TLL	01/11/2006 / 21:00	
TERPHENYL-D14 (SURR)		90.6	%		TLL	01/11/2006 / 21:00	
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/L	0.06	NAC	01/11/2006 / 16:38	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/L	0.06	NAC	01/11/2006 / 16:38	
beta-BHC	EPA 8081A	ND	ug/L	0.06	NAC	01/11/2006 / 16:38	
Aldrin	EPA 8081A	ND	ug/L	0.06	NAC	01/11/2006 / 16:38	
Heptachlor	EPA 8081A	ND	ug/L	0.06	NAC	01/11/2006 / 16:38	
delta-BHC	EPA 8081A	ND	ug/L	0.06	NAC	01/11/2006 / 16:38	
Heptachlor Epoxide	EPA 8081A	ND	ug/L	0.06	NAC	01/11/2006 / 16:38	
Endosulfan I	EPA 8081A	ND	ug/L	0.06	NAC	01/11/2006 / 16:38	
4,4'-DDE	EPA 8081A	ND	ug/L	0.06	NAC	01/11/2006 / 16:38	
Dieldrin	EPA 8081A	ND	ug/L	0.06	NAC	01/11/2006 / 16:38	
Endrin	EPA 8081A	ND	ug/L	0.06	NAC	01/11/2006 / 16:38	
4,4'-DDD	EPA 8081A	ND	ug/L	0.06	NAC	01/11/2006 / 16:38	
Endosulfan II	EPA 8081A	ND	ug/L	0.06	NAC	01/11/2006 / 16:38	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 24 of 41



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00038

Sample: 004 MW-5
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Endrin Aldehyde	EPA 8081A	ND	ug/L	0.06	NAC	01/11/2006 / 16:38	
4,4'-DDT	EPA 8081A	ND	ug/L	0.06	NAC	01/11/2006 / 16:38	
Endosulfan Sulfate	EPA 8081A	ND	ug/L	0.06	NAC	01/11/2006 / 16:38	
Methoxychlor	EPA 8081A	ND	ug/L	0.06	NAC	01/11/2006 / 16:38	
Endrin Ketone	EPA 8081A	ND	ug/L	0.06	NAC	01/11/2006 / 16:38	
Chlordane	EPA 8081A	ND	ug/L	1.1	NAC	01/11/2006 / 16:38	
Toxaphene	EPA 8081A	ND	ug/L	1.1	NAC	01/11/2006 / 16:38	
TCMX (SURROGATE)		82.5	%		NAC	01/11/2006 / 16:38	
DCB (SURROGATE)		63.4	%		NAC	01/11/2006 / 16:38	
PCB							
PCB-1016	EPA 8082	ND	ug/L	1.1	NAC	01/11/2006 / 21:26	
PCB-1221	EPA 8082	ND	ug/L	1.1	NAC	01/11/2006 / 21:26	
PCB-1232	EPA 8082	ND	ug/L	1.1	NAC	01/11/2006 / 21:26	
PCB-1242	EPA 8082	ND	ug/L	1.1	NAC	01/11/2006 / 21:26	
PCB-1248	EPA 8082	ND	ug/L	1.1	NAC	01/11/2006 / 21:26	
PCB-1254	EPA 8082	ND	ug/L	1.1	NAC	01/11/2006 / 21:26	
PCB-1260	EPA 8082	ND	ug/L	1.1	NAC	01/11/2006 / 21:26	
PCB-1262	EPA 8082	ND	ug/L	1.1	NAC	01/11/2006 / 21:26	
TCMX (SURROGATE)		111	%		NAC	01/11/2006 / 21:26	
DCB (SURROGATE)		70.4	%		NAC	01/11/2006 / 21:26	
Target Analyte List Metals							
Aluminum	200.7, EPA 1987	19.4	mg/L	0.150	JS	01/09/2006 / 14:51	
Antimony	200.7, EPA 1987	ND	mg/L	0.0100	JS	01/09/2006 / 14:51	
Barium	200.7, EPA 1987	0.199	mg/L	0.0100	JS	01/09/2006 / 14:51	
Arsenic	200.7, EPA 1987	ND	mg/L	0.0100	JS	01/09/2006 / 14:51	
Beryllium	200.7, EPA 1987	ND	mg/L	0.00250	JS	01/09/2006 / 14:51	
Cadmium	200.7, EPA 1987	ND	mg/L	0.00110	JS	01/09/2006 / 14:51	
Chromium	200.7, EPA 1987	0.0439	mg/L	0.00600	JS	01/09/2006 / 14:51	
Calcium	200.7, EPA 1987	73.1	mg/L	0.500	JS	01/09/2006 / 14:51	
Copper	200.7, EPA 1987	0.0592	mg/L	0.00500	JS	01/09/2006 / 14:51	
Cobalt	200.7, EPA 1987	ND	mg/L	0.0500	JS	01/09/2006 / 14:51	
Iron	200.7, EPA 1987	39.0	mg/L	0.100	JS	01/09/2006 / 14:51	
Magnesium	200.7, EPA 1987	23.8	mg/L	0.500	JS	01/09/2006 / 14:51	
Lead	200.7, EPA 1987	0.0804	mg/L	0.0100	JS	01/09/2006 / 14:51	



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00038

Sample: 004 MW-5
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Manganese	200.7, EPA 1987	3.22	mg/L	0.00700	JS	01/09/2006 / 14:51	
Mercury	245.1, EPA 1983	ND	mg/L	0.000200	NAP	01/11/2006 / 14:49	
Nickel	200.7, EPA 1987	ND	mg/L	0.0400	JS	01/09/2006 / 14:51	
Potassium	200.7, EPA 1987	22.2	mg/L	0.500	JS	01/09/2006 / 14:51	
Sodium	200.7, EPA 1987	203	mg/L	2.00	JS	01/10/2006 / 16:35	
Silver	200.7, EPA 1987	ND	mg/L	0.00500	JS	01/09/2006 / 14:51	
Selenium	200.7, EPA 1987	ND	mg/L	0.0200	JS	01/09/2006 / 14:51	
Zinc	200.7, EPA 1987	0.114	mg/L	0.0500	JS	01/09/2006 / 14:51	
Thallium	200.7, EPA 1987	ND	mg/L	0.0200	JS	01/09/2006 / 14:51	
Vanadium	200.7, EPA 1987	0.0574	mg/L	0.0500	JS	01/09/2006 / 14:51	
608 WATER EXTRACTION		0.900			MEW	01/10/2006 / 9:19	
PCB WATER EXTRACTION		0.900			MEW	01/10/2006 / 9:20	
Pesticide Water Extraction		COMPLETE			NAC	01/11/2006 / 18:16	

Sample: 005 MW-9
Collection Date: 01/04/2006 Time: 8:28:00AM
Matrix: WATER

Received Date: 01/05/2006 Time: 10:30:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics 8260							
Dichlorodifluoromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
Vinyl Chloride	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
Chloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
Bromomethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
Chloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
Trichlorofluoromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
Acrolein	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 6:53	
Acetone	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 6:53	
1,1-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
Iodomethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
Carbon Disulfide	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 6:53	
Methylene Chloride	EPA 8260B	2	ug/L	5.0	MVP	01/12/2006 / 6:53	JB
Acrylonitrile	EPA 8260B	2	ug/L	25	MVP	01/12/2006 / 6:53	J
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744
ND = Not Detected PQL= Practical Quantitation Limit

Page: 26 of 41



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00038

Sample: 005 MW-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
1,1-Dichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
Vinyl Acetate	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 6:53	
2-Butanone-(MEK)	EPA 8260B	8	ug/L	25	MVP	01/12/2006 / 6:53	JB
2,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
Chloroform	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
Bromochloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
1,1-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
Carbon Tetrachloride	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
Benzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
1,2-Dichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
Trichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
1,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	4	ug/L	25	MVP	01/12/2006 / 6:53	J
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 6:53	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
Toluene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
Bromodichloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
1,2-Dibromoethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
2-Hexanone	EPA 8260B	6	ug/L	25	MVP	01/12/2006 / 6:53	JB
1,3-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
Tetrachloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
Dibromochloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
Chlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
Ethylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
M & P-XYLENE	EPA 8260B	ND	ug/L	10	MVP	01/12/2006 / 6:53	
O-XYLENE	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
Styrene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
Bromoform	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 27 of 41



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00038

Sample: 005 MW-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Isopropylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
n-Propylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
Bromobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
2-Chlorotoluene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
4-Chlorotoluene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
tert-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
sec-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
4-Isopropyltoluene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
n-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
Hexachlorobutadiene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
Naphthalene	EPA 8260B	2	ug/L	5.0	MVP	01/12/2006 / 6:53	J
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 6:53	
DIBROMOFLUOROMETHANE (SURR)		106	%		MVP	01/12/2006 / 6:53	
TOLUENE-D8 (SURROGATE)		93.6	%		MVP	01/12/2006 / 6:53	
4-BROMOFLUOROBENZENE (SURR)		91.4	%		MVP	01/12/2006 / 6:53	
B/NA Extractables EPA 8270							
N-Nitrosodimethylamine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
Phenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
2-Chlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
2-Methyl Phenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00038

Sample: 005 MW-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Hexachloroethane	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
3&4-Methyl Phenol	EPA 8270C	ND	ug/L	11	TLL	01/11/2006 / 21:40	
Nitrobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
Isophorone	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
2-Nitrophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
2,4-Dimethylphenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
2,4-Dichlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
Naphthalene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
4-Chloroaniline	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
Hexachlorobutadiene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
2-Methylnaphthalene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
2-Chloronaphthalene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
2-Nitroaniline	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
Acenaphthylene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
Dimethyl Phthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
Acenaphthene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
3-Nitroaniline	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
2,4-Dinitrophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
Dibenzofuran	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
4-Nitrophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
Fluorene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
Diethyl Phthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
4-Nitroaniline	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00038

Sample: 005 MW-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
Hexachlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
Pentachlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
Phenanthrene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
Anthracene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
Carbazole	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
Di-n-butylphthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
Fluoranthene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
Benzidine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
Pyrene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
Benzo(a)anthracene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
Chrysene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
Di-n-octyl phthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
Benzo(a)pyrene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 21:40	
2-FLUOROPHENOL (SURR)		53.4	%		TLL	01/11/2006 / 21:40	
PHENOL-D5 (SURR)		42.7	%		TLL	01/11/2006 / 21:40	
NITROBENZENE-D5 (SURR)		82.6	%		TLL	01/11/2006 / 21:40	
2-FLUOROBIPHENYL (SURR)		78.7	%		TLL	01/11/2006 / 21:40	
2,4,6-TRIBROMOPHENOL (SURR)		80.6	%		TLL	01/11/2006 / 21:40	
TERPHENYL-D14 (SURR)		90.7	%		TLL	01/11/2006 / 21:40	
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
beta-BHC	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00038

Sample: 005 MW-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Aldrin	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Heptachlor	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
delta-BHC	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Heptachlor Epoxide	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endosulfan I	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
4,4'-DDE	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Dieldrin	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endrin	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
4,4'-DDD	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endosulfan II	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endrin Aldehyde	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
4,4'-DDT	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endosulfan Sulfate	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Methoxychlor	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endrin Ketone	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Chlordane	EPA 8081A	ND	ug/L	1.0	NAC	01/11/2006 / 16:38	
Toxaphene	EPA 8081A	ND	ug/L	1.0	NAC	01/11/2006 / 16:38	
TCMX (SURROGATE)		78.7	%		NAC	01/11/2006 / 16:38	
DCB (SURROGATE)		52.9	%		NAC	01/11/2006 / 16:38	
PCB							
PCB-1016	EPA 8082	ND	ug/L	1.0	NAC	01/11/2006 / 21:46	
PCB-1221	EPA 8082	ND	ug/L	1.0	NAC	01/11/2006 / 21:46	
PCB-1232	EPA 8082	ND	ug/L	1.0	NAC	01/11/2006 / 21:46	
PCB-1242	EPA 8082	ND	ug/L	1.0	NAC	01/11/2006 / 21:46	
PCB-1248	EPA 8082	ND	ug/L	1.0	NAC	01/11/2006 / 21:46	
PCB-1254	EPA 8082	ND	ug/L	1.0	NAC	01/11/2006 / 21:46	
PCB-1260	EPA 8082	ND	ug/L	1.0	NAC	01/11/2006 / 21:46	
PCB-1262	EPA 8082	ND	ug/L	1.0	NAC	01/11/2006 / 21:46	
TCMX (SURROGATE)		112	%		NAC	01/11/2006 / 21:46	
DCB (SURROGATE)		95.9	%		NAC	01/11/2006 / 21:46	
Target Analyte List Metals							
Aluminum	200.7, EPA 1987	ND	mg/L	0.150	JS	01/09/2006 / 14:51	
Antimony	200.7, EPA 1987	ND	mg/L	0.0100	JS	01/09/2006 / 14:51	
Barium	200.7, EPA 1987	0.0886	mg/L	0.0100	JS	01/09/2006 / 14:51	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00038

Sample: 005 MW-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Arsenic	200.7, EPA 1987	ND	mg/L	0.0100	JS	01/09/2006 / 14:51	
Beryllium	200.7, EPA 1987	ND	mg/L	0.00250	JS	01/09/2006 / 14:51	
Cadmium	200.7, EPA 1987	ND	mg/L	0.00110	JS	01/09/2006 / 14:51	
Chromium	200.7, EPA 1987	ND	mg/L	0.00600	JS	01/09/2006 / 14:51	
Calcium	200.7, EPA 1987	222	mg/L	0.500	JS	01/09/2006 / 14:51	
Copper	200.7, EPA 1987	ND	mg/L	0.00500	JS	01/09/2006 / 14:51	
Cobalt	200.7, EPA 1987	ND	mg/L	0.0500	JS	01/09/2006 / 14:51	
Iron	200.7, EPA 1987	0.562	mg/L	0.100	JS	01/09/2006 / 14:51	
Magnesium	200.7, EPA 1987	556	mg/L	0.500	JS	01/09/2006 / 14:51	
Lead	200.7, EPA 1987	ND	mg/L	0.0100	JS	01/09/2006 / 14:51	
Manganese	200.7, EPA 1987	0.0301	mg/L	0.00700	JS	01/09/2006 / 14:51	
Mercury	245.1, EPA 1983	ND	mg/L	0.000200	NAP	01/11/2006 / 14:49	
Nickel	200.7, EPA 1987	ND	mg/L	0.0400	JS	01/09/2006 / 14:51	
Potassium	200.7, EPA 1987	256	mg/L	0.500	JS	01/09/2006 / 14:51	
Sodium	200.7, EPA 1987	2680	mg/L	20.0	JS	01/10/2006 / 16:35	
Silver	200.7, EPA 1987	ND	mg/L	0.00500	JS	01/09/2006 / 14:51	
Selenium	200.7, EPA 1987	ND	mg/L	0.0200	JS	01/09/2006 / 14:51	
Zinc	200.7, EPA 1987	ND	mg/L	0.0500	JS	01/09/2006 / 14:51	
Thallium	200.7, EPA 1987	ND	mg/L	0.0200	JS	01/09/2006 / 14:51	
Vanadium	200.7, EPA 1987	ND	mg/L	0.0500	JS	01/09/2006 / 14:51	
608 WATER EXTRACTION		0.960			MEW	01/10/2006 / 9:19	
PCB WATER EXTRACTION		0.960			MEW	01/10/2006 / 9:20	
Pesticide Water Extraction		COMPLETE			NAC	01/11/2006 / 18:16	

Sample: 006 FB 010406

Collection Date: 01/04/2006 Time: 8:45:00AM

Matrix: WATER

Received Date: 01/05/2006 Time: 10:30:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics 8260							
Dichlorodifluoromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
Vinyl Chloride	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
Chloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
Bromomethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 32 of 41



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00038

Sample: 006 FB 010406
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Chloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
Trichlorofluoromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
Acrolein	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 7:20	
Acetone	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 7:20	
1,1-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
Iodomethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
Carbon Disulfide	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 7:20	
Methylene Chloride	EPA 8260B	6	ug/L	5.0	MVP	01/12/2006 / 7:20	B
Acrylonitrile	EPA 8260B	20	ug/L	25	MVP	01/12/2006 / 7:20	J
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
1,1-Dichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
Vinyl Acetate	EPA 8260B	3	ug/L	25	MVP	01/12/2006 / 7:20	J
2-Butanone-(MEK)	EPA 8260B	27	ug/L	25	MVP	01/12/2006 / 7:20	B
2,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
Chloroform	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
Bromochloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
1,1-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
Carbon Tetrachloride	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
Benzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
1,2-Dichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
Trichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
1,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	16	ug/L	25	MVP	01/12/2006 / 7:20	J
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 7:20	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
Toluene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
Bromodichloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
1,2-Dibromoethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
2-Hexanone	EPA 8260B	20	ug/L	25	MVP	01/12/2006 / 7:20	JB

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744
ND = Not Detected PQL= Practical Quantitation Limit

Page: 33 of 41

Sample: 006 FB 010406
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,3-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
Tetrachloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
Dibromochloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
Chlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
Ethylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
M & P-XYLENE	EPA 8260B	ND	ug/L	10	MVP	01/12/2006 / 7:20	
O-XYLENE	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
Styrene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
Bromoform	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
Isopropylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
1,2,3-Trichloropropane	EPA 8260B	1	ug/L	5.0	MVP	01/12/2006 / 7:20	J
n-Propylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
Bromobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
2-Chlorotoluene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
4-Chlorotoluene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
tert-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
sec-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
4-Isopropyltoluene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
n-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
1,2-Dibromo-3-Chloropropane	EPA 8260B	3	ug/L	5.0	MVP	01/12/2006 / 7:20	J
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:20	
Hexachlorobutadiene	EPA 8260B	5	ug/L	5.0	MVP	01/12/2006 / 7:20	
Naphthalene	EPA 8260B	2	ug/L	5.0	MVP	01/12/2006 / 7:20	J
1,2,3-Trichlorobenzene	EPA 8260B	1	ug/L	5.0	MVP	01/12/2006 / 7:20	J
DIBROMOFLUOROMETHANE (SURR)		109	%		MVP	01/12/2006 / 7:20	
TOLUENE-D8 (SURROGATE)		96.7	%		MVP	01/12/2006 / 7:20	
4-BROMOFLUOROBENZENE (SURR)		94.4	%		MVP	01/12/2006 / 7:20	



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00038

Sample: 006 FB 010406
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
B/NA Extractables EPA 8270							
N-Nitrosodimethylamine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
Phenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
2-Chlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
2-Methyl Phenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
Hexachloroethane	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
3&4-Methyl Phenol	EPA 8270C	ND	ug/L	10	TLL	01/11/2006 / 22:21	
Nitrobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
Isophorone	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
2-Nitrophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
2,4-Dimethylphenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
2,4-Dichlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
Naphthalene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
4-Chloroaniline	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
Hexachlorobutadiene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
2-Methylnaphthalene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
2-Chloronaphthalene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
2-Nitroaniline	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
Acenaphthylene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
Dimethyl Phthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
Acenaphthene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 35 of 41



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00038

Sample: 006 FB 010406
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
3-Nitroaniline	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
2,4-Dinitrophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
Dibenzofuran	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
4-Nitrophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
Fluorene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
Diethyl Phthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
4-Nitroaniline	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
Hexachlorobenzene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
Pentachlorophenol	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
Phenanthrene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
Anthracene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
Carbazole	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
Di-n-butylphthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
Fluoranthene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
Benzidine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
Pyrene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
Benzo(a)anthracene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
Chrysene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
Di-n-octyl phthalate	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
Benzo(a)pyrene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/L	5	TLL	01/11/2006 / 22:21	
2-FLUOROPHENOL (SURR)		47.0	%		TLL	01/11/2006 / 22:21	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 38 of 41



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00038

Sample: 006 FB 010406
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PHENOL-D5 (SURR)		29.7	%		TLL	01/11/2006 / 22:21	
NITROBENZENE-D5 (SURR)		77.9	%		TLL	01/11/2006 / 22:21	
2-FLUOROBIPHENYL (SURR)		76.5	%		TLL	01/11/2006 / 22:21	
2,4,6-TRIBROMOPHENOL (SURR)		77.2	%		TLL	01/11/2006 / 22:21	
TERPHENYL-D14 (SURR)		91.2	%		TLL	01/11/2006 / 22:21	
Pesticides/PCBs							
Pesticides							
alpha-BHC	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
beta-BHC	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Aldrin	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Heptachlor	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
delta-BHC	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Heptachlor Epoxide	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endosulfan I	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
4,4'-DDE	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Dieldrin	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endrin	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
4,4'-DDD	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endosulfan II	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endrin Aldehyde	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
4,4'-DDT	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endosulfan Sulfate	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Methoxychlor	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Endrin Ketone	EPA 8081A	ND	ug/L	0.05	NAC	01/11/2006 / 16:38	
Chlordane	EPA 8081A	ND	ug/L	1.0	NAC	01/11/2006 / 16:38	
Toxaphene	EPA 8081A	ND	ug/L	1.0	NAC	01/11/2006 / 16:38	
TCMX (SURROGATE)		84.6	%		NAC	01/11/2006 / 16:38	
DCB (SURROGATE)		66.6	%		NAC	01/11/2006 / 16:38	
PCB							
PCB-1016	EPA 8082	ND	ug/L	1.0	NAC	01/11/2006 / 22:06	
PCB-1221	EPA 8082	ND	ug/L	1.0	NAC	01/11/2006 / 22:06	
PCB-1232	EPA 8082	ND	ug/L	1.0	NAC	01/11/2006 / 22:06	
PCB-1242	EPA 8082	ND	ug/L	1.0	NAC	01/11/2006 / 22:06	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL = Practical Quantitation Limit

Page: 37 of 41



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00038

Sample: 006 FB 010406
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-1248	EPA 8082	ND	ug/L	1.0	NAC	01/11/2006 / 22:06	
PCB-1254	EPA 8082	ND	ug/L	1.0	NAC	01/11/2006 / 22:06	
PCB-1260	EPA 8082	ND	ug/L	1.0	NAC	01/11/2006 / 22:06	
PCB-1262	EPA 8082	ND	ug/L	1.0	NAC	01/11/2006 / 22:06	
TCMX (SURROGATE)		113	%		NAC	01/11/2006 / 22:06	
DCB (SURROGATE)		81.5	%		NAC	01/11/2006 / 22:06	
Target Analyte List Metals							
Aluminum	200.7, EPA 1987	ND	mg/L	0.150	JS	01/09/2006 / 14:51	
Antimony	200.7, EPA 1987	ND	mg/L	0.0100	JS	01/09/2006 / 14:51	
Barium	200.7, EPA 1987	ND	mg/L	0.0100	JS	01/09/2006 / 14:51	
Arsenic	200.7, EPA 1987	ND	mg/L	0.0100	JS	01/09/2006 / 14:51	
Beryllium	200.7, EPA 1987	ND	mg/L	0.00250	JS	01/09/2006 / 14:51	
Cadmium	200.7, EPA 1987	ND	mg/L	0.00110	JS	01/09/2006 / 14:51	
Chromium	200.7, EPA 1987	ND	mg/L	0.00600	JS	01/09/2006 / 14:51	
Calcium	200.7, EPA 1987	ND	mg/L	0.500	JS	01/09/2006 / 14:51	
Copper	200.7, EPA 1987	ND	mg/L	0.00500	JS	01/09/2006 / 14:51	
Cobalt	200.7, EPA 1987	ND	mg/L	0.0500	JS	01/09/2006 / 14:51	
Iron	200.7, EPA 1987	ND	mg/L	0.100	JS	01/09/2006 / 14:51	
Magnesium	200.7, EPA 1987	ND	mg/L	0.500	JS	01/09/2006 / 14:51	
Lead	200.7, EPA 1987	ND	mg/L	0.0100	JS	01/09/2006 / 14:51	
Manganese	200.7, EPA 1987	ND	mg/L	0.00700	JS	01/09/2006 / 14:51	
Mercury	245.1, EPA 1983	ND	mg/L	0.000200	NAP	01/11/2006 / 14:49	
Nickel	200.7, EPA 1987	ND	mg/L	0.0400	JS	01/09/2006 / 14:51	
Potassium	200.7, EPA 1987	ND	mg/L	0.500	JS	01/09/2006 / 14:51	
Sodium	200.7, EPA 1987	ND	mg/L	2.00	JS	01/10/2006 / 16:35	
Silver	200.7, EPA 1987	ND	mg/L	0.00500	JS	01/09/2006 / 14:51	
Selenium	200.7, EPA 1987	ND	mg/L	0.0200	JS	01/09/2006 / 14:51	
Zinc	200.7, EPA 1987	ND	mg/L	0.0500	JS	01/09/2006 / 14:51	
Thallium	200.7, EPA 1987	ND	mg/L	0.0200	JS	01/09/2006 / 14:51	
Vanadium	200.7, EPA 1987	ND	mg/L	0.0500	JS	01/09/2006 / 14:51	
608 WATER EXTRACTION		0.980			MEW	01/10/2006 / 9:19	
PCB WATER EXTRACTION		0.980			MEW	01/10/2006 / 9:20	
Pesticide Water Extraction		COMPLETE			NAC	01/11/2006 / 18:16	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 38 of 41



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00038

Sample: 007 TB 010406

Collection Date: 01/04/2006

Matrix: WATER

Received Date: 01/05/2006 Time: 10:30:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics 8260							
Dichlorodifluoromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
Vinyl Chloride	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
Chloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
Bromomethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
Chloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
Trichlorofluoromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
Acrolein	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 7:48	
Acetone	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 7:48	
1,1-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
Iodomethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
Carbon Disulfide	EPA 8260B	30	ug/L	25	MVP	01/12/2006 / 7:48	
Methylene Chloride	EPA 8260B	9	ug/L	5.0	MVP	01/12/2006 / 7:48	B
Acrylonitrile	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 7:48	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
1,1-Dichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
Vinyl Acetate	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 7:48	
2-Butanone-(MEK)	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 7:48	
2,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
cis-1,2-Dichloroethylene	EPA 8260B	2	ug/L	5.0	MVP	01/12/2006 / 7:48	J
Chloroform	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
Bromochloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
1,1-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
Carbon Tetrachloride	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
Benzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
1,2-Dichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
Trichloroethylene	EPA 8260B	4	ug/L	5.0	MVP	01/12/2006 / 7:48	J
1,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 7:48	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 7:48	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 39 of 41

Sample: 007 TB 010406
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
Toluene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
Bromodichloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
1,2-Dibromoethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
2-Hexanone	EPA 8260B	ND	ug/L	25	MVP	01/12/2006 / 7:48	
1,3-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
Tetrachloroethylene	EPA 8260B	1	ug/L	5.0	MVP	01/12/2006 / 7:48	J
Dibromochloromethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
Chlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
Ethylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
M & P-XYLENE	EPA 8260B	ND	ug/L	10	MVP	01/12/2006 / 7:48	
O-XYLENE	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
Styrene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
Bromoform	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
Isopropylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
n-Propylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
Bromobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
2-Chlorotoluene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
4-Chlorotoluene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
tert-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
sec-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
4-Isopropyltoluene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
n-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	



Customer: Metcalf & Eddy Associates

Workorder No. 0601-00038

Sample: 007 TB 010406
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
Hexachlorobutadiene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
Naphthalene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	01/12/2006 / 7:48	
DIBROMOFLUOROMETHANE (SURR)		110	%		MVP	01/12/2006 / 7:48	
TOLUENE-D8 (SURROGATE)		93.2	%		MVP	01/12/2006 / 7:48	
4-BROMOFLUOROBENZENE (SURR)		92.2	%		MVP	01/12/2006 / 7:48	

- E Concentration exceeds the calibration range and result is semi-quantitative.
G6 Surrogate recovery was below acceptance limits.
J Estimated value. Analyte detected at a level less than the Practical Quantitation Limit (PQL) and greater than or equal to the Method Detection Limit (MDL).
P3 Sample received without chemical preservation, but preserved by the laboratory.
P5 Sample received in inappropriate sample container.

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

Authorized By:


Robert Bell, Environmental Laboratory Manager

Date: 1-12-06

Sample Receiving Form

CLIENT: METCALF + EDDY	WORKORDER: 0601-038
CLIENTS JOB: 60003815	RECEIVED BY: SB
RECEIVED DATE: 1/5/06	SHIPPING METHOD: FED Ex
TEMP UPON RECEIPT: 3.0°C	

"No" responses must be explained in the comment section below.

Checklist	YES	NO	NA
Were custody seals on shipping container(s) intact? Check "NA" if no seals, or if containers were hand delivered.			X
Were Chain of Custody Forms included with the samples?	X		
Were Chain of Custody Forms properly filled out (ink, signed, etc.)	X		
Were all containers received in good condition (Check for breakage/leaks)?	X		
Were all containers labeled with required information (Sample Id, date, signed, analysis, preservation)?	X		
Were the correct containers used for the tests indicated?	X		
Were proper preservation techniques indicated?	X		
Were samples received within holding times? If "NO" nonconformance form is required.	X		
Were all VOA bottles checked for the presence of air bubbles? If bubbles were found please note in the comment section.	X		
Were samples in direct contact with wet ice?			
If "NO" check one: <input type="checkbox"/> Blue Ice <input type="checkbox"/> No Ice	X		
Is sample temperature recorded?			
If "NO" check one: <input type="checkbox"/> Unable to record <input type="checkbox"/> Temp taken near samples	X		
Were pHs of samples checked and recorded on the COC forms?	X		
Did the laboratory accept samples?	X		
Will samples be subcontracted? If "yes" list subcontractor and tests in specified sections below.		X	
Subcontractor:		Date Sent Out:	
Analyses Sent:			

Login Technician: (MP)	Login Review:
Comments:	
VOA For Sample # MW-ID poured into HCL preserved	
VOA Per COC. METALS For MW-ID LAB Pres. with NO3	
Per COC (MP) 1/5/06. P5 Qualifier For VOC + P3 Qualifier	
For METALS (MW-ID) AT Login.	

SITE INVESTIGATION REPORT

**MOTIVA ENTERPRISES LLC / BUSHWICK CREEK INLET
KENT AVENUE BETWEEN SOUTH SHORELINE OF BUSHWICK CREEK
AND QUAY STREET
BLOCK 2590, LOT 25 & 100
BROOKLYN, NEW YORK**

**DDC PROJECT NO. – BEGS2005027
TASK NO. 3099
CONTRACT REGISTRATION NO.20040028082**

Prepared for:



**City of New York Department of Design and Construction
Bureau of Environmental and Geotechnical Services
30-30 Thomson Avenue
Fifth Floor
Long Island City, New York 11101**

PREPARED BY:



**METCALF & EDDY OF NEW YORK, INC.
1140 ROUTE 22 EAST – SUITE 101
BRIDGEWATER, NEW JERSEY 08807**

NOVEMBER 2006

WOL NOS. 3099-M&E2R-3253, 3099-M&E2R-3515, 3099-M&E2R-3923

TABLE OF CONTENTS

EXECUTIVE SUMMARY	iv
1.0 INTRODUCTION	1
1.1 SI OBJECTIVES AND SCOPE	2
1.2 SITE DESCRIPTION	3
1.2.1 Property Ownership and Use Summary	3
1.2.2 Surrounding Property Use	4
1.2.3 Site History	4
1.3 PHYSICAL AND ENVIRONMENTAL SETTING	4
1.3.1 Regional Geology	5
1.3.2 Regional Hydrogeology	6
1.4 PREVIOUS INVESTIGATIONS	8
2.0 SITE INVESTIGATION SCOPE OF WORK	9
2.1 SI FIELD WORK	9
2.2 FIELD METHODS	10
2.2.1 Air Monitoring	11
2.2.2 Soil Sampling	11
2.2.3 Sediment Sampling	12
2.2.4 Surveying	13
2.3 QUALITY ASSURANCE	13
2.4 WASTE MANAGEMENT	15
2.5 LABORATORY ANALYSIS	15
3.0 SITE GEOLOGY AND HYDROGEOLOGY	16
3.1 GEOLOGY	16
3.1.1 Fill Material	16
3.1.2 Native Soils	16
3.2 HYDROGEOLOGY	16
4.0 NYSDEC CRITERIA	17
4.1 TAGM SOIL CRITERIA	17
4.1.1 Recommended Soil Cleanup Objectives	17
4.1.2 Soil Cleanup Objectives to Protect Groundwater Quality	17
4.1.3 Eastern U.S. Background	18
4.2 STARS TCLP ALTERNATIVE GUIDANCE VALUES	18
4.3 HAZARDOUS WASTE CRITERIA - NYSDEC 6 NYCRR PART 371	18
5.0 NATURE AND EXTENT	19
5.1 SOIL ANALYTICAL RESULTS	19
5.1.1 TCL Volatile Organic Compounds	19
5.1.2 TCL Semi-Volatile Organic Compounds	20
5.1.3 Polychlorinated Biphenyls	20

TABLE OF CONTENTS

5.1.4	TAL Metals	20
5.2	SEDIMENT ANALYTICAL RESULTS	21
5.2.1	TCL Volatile Organic Compounds	21
5.2.2	TCL Semi-Volatile Organic Compounds.....	21
5.2.3	Polychlorinated Biphenyls	22
5.2.4	TAL Metals	22
5.3	WASTE CLASSIFICATION ANALYTICAL RESULTS	22
5.4	SUMMARY OF CONTAMINANT DISTRIBUTION.....	23
6.0	FATE AND TRANSPORT.....	24
6.1	SOIL AND SEDIMENTS	24
6.2	SOIL VAPOR	26
7.0	CONCEPTUAL SITE MODEL.....	27
7.1	SOILS ALONG THE BCI SHORELINE.....	27
7.2	SEDIMENTS BELOW THE BCI	28
8.0	CONCLUSIONS.....	29
9.0	REFERENCES	34

LIST OF FIGURES

- Figure 1 – Site Location on U.S.G.S. Map
- Figure 2 – Site Map with Sample Locations
- Figure 3 - Geologic Cross Sections
- Figure 4 – Site Map with Soil Sample Results
- Figure 5 – Site Map with Sediment Sample Results

LIST OF TABLES

Table 1 – Soil Analytical Results, TCL Volatile Organic Compounds

Table 2 – Soil Analytical Results, TCL Semi-Volatile Organic Compounds

Table 3 – Soil Analytical Results, PCBs

Table 4 – Soil Analytical Results, TAL Metals

Table 5 – Sediment Analytical Results, TCL Volatile Organic Compounds

Table 6 – Sediment Analytical Results, TCL Semi-Volatile Organic Compounds

Table 7 – Sediment Analytical Results, PCBs

Table 8 – Sediment Analytical Results, TAL Metals

Table 9 – Waste Classification Analytical Results

LIST OF APPENDICES

Appendix A – Site Photographs

Appendix B – Boring Logs

Appendix C – Daily Field Reports

Appendix D – Community Air Monitoring Logs

Appendix E – Chain of Custody

Appendix F – Laboratory Data Reports

EXECUTIVE SUMMARY

This Site Investigation (“SI”) report presents the findings of the subsurface site investigation conducted by Metcalf & Eddy (M&E) for the City of New York Department of Design & Construction (“DDC”) at the property identified by the New York City Office of Environmental Coordination (“OEC”) as the Bushwick Creek Inlet (“BCI”) property (the Site), which is presently owned by Motiva Enterprise LLC (“Motiva”). The Site is located along Kent Avenue between the south shoreline of the Bushwick Creek and Quay Street in the Greenpoint-Williamsburg section of the Borough of Brooklyn, New York. The site is identified by the New York City Department of Finance as Block 2950, Lots 25 & 100. Approximately one acre of the Site was donated to the Greenpoint Monitor Museum (“GMM”) for use as a future museum. Access to this property during the SI was denied by the GMM. For the purposes of this report, both the Motiva and GMM properties are defined as the Site. The SI field activities were conducted from February 21, 2006 to March 22, 2006. The purpose of the SI, as defined by the DDC and OEC was to determine the lateral and vertical extent of potential contamination in subsurface soil and sediment that may exist from the historic and current on-site and off-site operations for the proposed construction of Williamsburg Park.

Fleming –Lee Shue, Inc. (“FLS”) performed a Phase I Environmental Site Assessment (“ESA”) for the Site in November 2003 and concluded that although the Site is currently undeveloped, several structures historically existed onsite. Most notably, a ship yard and a dry dock facility were previously located on the Site and included two box docks, a mill gallery, two lumber buildings, a storage facility, and a machine shop. These buildings occupied portions of the Site from at least 1942 to sometime prior to 1966. No Phase II SI activities were previously conducted at the Site; however, a limited subsurface investigation was completed adjacent to the Site along Franklin Street/Kent Avenue. The investigation identified possible subsurface petroleum contamination and contamination related to the operation of a former manufactured gas plant (“MGP”). Prior use as a ship yard would suggest possible contamination from anti-fouling paints, petroleum, and solvents which may have been used at that time. Petroleum contamination was encountered during a subsurface investigation conducted by M&E at the

Bayside Fuel Oil Company (“BFOC”) located adjacent to the southern boundary of the Site. BFOC has been a petroleum distillery/bulk storage terminal for over 100 years. South of the BFOC is the former Brooklyn Union Gas MGP which was in operation during the turn of the 20th Century. The SI conducted by M&E at the BFOC property detected the presence of petroleum and coal tar contamination associated with the former MGP operations. Findings of the SI at BFOC are presented in the November 2006 SI Report prepared by M&E.

The DDC retained the services of drilling contractors, Aquifer Drilling and Testing (“ADT”) to advance soil borings along the BCI shoreline and Warren George to advance sediment borings within the BCI. M&E oversaw the drilling activities, collected soil and sediment samples, and obtained the services of a laboratory for sample analysis. The SI conducted by M&E consisted of the following activities:

- The review of available documents from the DDC and performance of a site visit for scoping the Site Investigation;
- The advancement of 8 soil borings along the shoreline of Bushwick Creek Inlet (“BCI”), using hollow stem auger (“HSA”) methods to depths ranging between 45 to 72 feet below ground surface (“bgs”), and the collection of 18 soil samples from borings advanced at the Site;
- The advancement of 11 sediment borings within BCI using rotary drilling methods with a drill rig mounted on a barge. The borings depths ranging between 35 to 54 feet below the mud line which was located approximately 11 to 24 feet below the deck of the barge, and the collection of 22 sediment samples from borings advanced at the Site;
- Field screening, consisting of visual and olfactory indicators and photoionization detector (“PID”) readings determined the selection of soil samples for laboratory analysis based on contaminant indicators. Laboratory analysis of the grab soil and sediment samples for Target Compound List (“TCL”) volatile organic compounds (“VOCs”), TCL semivolatile organic compounds (“SVOCs”), Polychlorinated Biphenyls (“PCBs”), and Target Analyte List Metals (“TAL Metals”), and cyanide at the direction of DDC;

- The collection of 1 composite soil sample and 1 composite water sample from sixteen 55-gallon drums containing drill cuttings and decontamination water, respectively, generated during drilling activities along the shoreline of BCI. The collection of 2 composite sediment samples and 1 composite water samples, from fifteen 55-gallon drums containing drill cuttings and decontamination water, respectively, generated during the drilling activities within BCI. The samples were analyzed for Resource Conservation and Recovery Act (“RCRA”) Hazardous Waste Characteristics including full Toxicity Characteristic Leaching Procedure (“TCLP”) analysis for the purposes of waste characterization; and,
- The presentation of a written report with a schematic drawing depicting the boring locations.

In order to evaluate the subsurface soil and sediment quality, laboratory analytical results were compared with NYSDEC regulatory standards identified in:

- Technical and Administrative Guidance Memorandum (“TAGM”) No. 4046, (Recommended Soil Cleanup Objectives [“RSCO”] and Soil Cleanup Objectives to Protect Groundwater Quality [“SCOPGQ”]).
- Spill Technology and Remediation Series (“STARS”) Memo No.1, TCLP Alternative Guidance Values; and,
- Characteristics of Hazardous Waste published in RCRA and NYSDEC Part 371.

No monitoring wells were installed for the collection of groundwater samples as part of the field sampling activities. Previous investigations conducted at the BFOC property indicated that the direction of groundwater flow from the BFOC property was towards the north and northwest.

The results of the SI along the shoreline of BCI indicate the following:

- The historic fill material observed at the boring locations along the BCI shoreline is 11 to 19 feet thick and mainly consists of sand with gravel, brick, ash and cinder fill. Though

the origin of this material can not be identified, the presence of ash and cinders in the fill is likely attributed to former industrial and residential wastes generated when the primary fuel source was coal. Ash and cinder residue was typically mixed with construction debris and sand and silt, and used to fill in low-lying areas, such as along any of the rivers and streams throughout the city. The native soil extends down from a depth of approximately 20 ft bgs and primarily consists of organic silt, sand, silts, and clayey-silt mixtures;

- Based on field screening methods and visual observations made during the field investigation program, petroleum odor and contamination was encountered in borings BC-1, BC-2, and BC-3 from depths of approximately 5 to 27 feet bgs. These borings were located along the southern boundary of BCI which abuts the BFOC. Previous environmental investigations conducted at the BFOC identified the presence of petroleum contamination within the soil;
- VOCs consisting of isopropylbenzene, n-propylbenzene, tert-butylbenzene, sec-butylbenzene, n-butylbenzene, and naphthalene were detected in 3 of the 18 soil samples collected along the shoreline of BCI in borings BC-2, BC-3, and BC-5. Naphthalene was detected at concentrations above the TAGM RSCO, TAGM SCOPGO, while the remaining compounds including naphthalene were detected above the STARS TCLP Alternative Guidance Values. The detection of elevated VOCs are likely the result of historical petroleum releases from the BFOC site and potentially from historical releases from the former MGP;
- SVOCs consisting predominantly of PAHs were detected in 6 of the 18 soil samples collected along the shoreline of BCI at concentrations above either the TAGM RSCO, TAGM SCOPGO, and/or STARS TCLP Alternative Guidance Values in borings BC-2, BC-3, BC-4 and BC-5. The detections of elevated SVOCs are likely the result of historical petroleum releases from the BFOC site and potentially from historical releases from the former MGP. The detections of SVOCs in the remaining soil borings may be attributed to both the previously identified petroleum releases at the BFOC site as well as contaminants from historic fill material placed at the Site;

- No PCBs were detected in the soil samples above the NYSDEC TAGM criteria;
- Metals consisting of arsenic, cadmium, chromium, copper, mercury, lead, nickel, and zinc were detected in 16 of the 18 soil samples above NYSDEC RSCO and Eastern U.S. Background criteria (as identified in TAGM 4046) in borings BC-1 through BC-8 collected at the Site. The elevated concentrations of metals are likely attributed to contaminants from historic fill placed at the Site;
- The detection of VOCs, and SVOCs above the NYSDEC TAGM criteria and STARS TCLP Alternative Guidance Values indicate that the soil has been impacted by petroleum releases from the BFOC operations located to the south of the Site or from contamination in historic fill material (containing ash and cinders) which typically contains elevated levels of PAHs. Though SVOCs were detected in majority of the soil samples, elevated levels of SVOCs were detected in 4 borings (BC-2, BC-3, BC-4, and BC-5). Thus, there is a limited, potential exposure risk during construction activities, especially in the areas where SVOCs were elevated;
- A limited exposure risk is also posed by metals such as arsenic, cadmium, chromium, mercury, lead, nickel, and zinc which were detected above the RSCO and Eastern U.S. Background criteria. The presence of these compounds, along with other contaminants detected below NYSDEC criteria suggests that the source of these metals is from historic fill material placed at the Site;
- One composite soil sample and 1 composite water sample were analyzed for hazardous waste characteristics including full TCLP analysis to evaluate waste characteristics of soil cuttings and equipment decontamination water generated during the SI activities. The results of the composite samples revealed no detections of compounds above RCRA hazardous waste levels. Consequently, the soil cuttings and decontamination water generated during the field investigation at the Site are considered non-hazardous for the purpose of waste classification; and,

The site is surrounded by a chain link fence on the northern, southern, and eastern sides of the Site and the East River borders the Site to the west. Since access to the Site is restricted and no

subsurface excavation activities are occurring at the Site, there are no direct pathways for contact with contaminants by local residents or employees at the Site. Additionally, there are no subsurface structures such as basements present at the Site and therefore, concentrations of VOCs in the soil gas may not pose a concern for employees at the Site. Therefore, the current condition of the Site does not appear to pose a significant health risk for local residents.

The sediment sample results of the SI activities conducted within Bushwick Creek were also compared to the NYSDEC TAGM criteria and STARS TCLP Alternative Guidance Value criteria. The results of the samples indicate the following:

- Depending upon the tides, the depth to the top of mud line ranged from approximately 11 to 24 feet below the deck of the barge. The depth of the mud ranged from 10 to 26 feet thick and mainly consisted of black organic silt, clay, and sand. The native soil extended from approximately 10 to 25 feet below the mud line and consisted of sand, gravel, and clayey-silt mixtures;
- Based on field screening and visual observations made during the field investigation, petroleum odor and contamination was encountered in borings BCS-1, BCS-2, BCS-3, BCS-4, BCS-6, BCS-9, BCS-10, and BCS-11 from depths of approximately 4 to 22 feet below the mud line. These borings are located in the eastern and western portions of the BCI;
- TCL VOCs consisting of benzene, ethylbenzene, m&p-xylene, o-xylene, isopropylbenzene, 1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene, sec-butylbenzene, n-butylbenzene, and naphthalene were detected in 8 of the 22 sediment samples above either the TAGM RSCO, TAGM SCOPGO, and/or STARS TCLP Alternative Guidance Values in borings BCS-1, BCS-2, BCS-3, BCS-5, BCS-6, BCS-8, BCS-9, and BCS-11. The detection of elevated VOCs likely the result of previously identified petroleum releases from the BFOC site, though undocumented historic discharges from the former MGP and the industrial operations along the East River may also have impacted the sediments within the creek;

- TCL SVOCs consisting of predominantly PAHs were detected in eleven of the 22 sediment samples above the TAGM RSCO, TAGM SCOPGO, and/or STARS TCLP Alternative Guidance Values in borings BCS-1 through BCS-11. The elevated levels of SVOCs were detected in the shallow samples collected from the borings. SVOCs were not detected in any of the deeper samples collected from the creek. The detections of elevated SVOCs may be attributed to petroleum releases from the BFOC and the former MGP sites, contaminants in historic fill material that may have been deposited in the creek, surface water runoff containing contaminants entering the creek, and historic impacts due to the industrial operations along the East River;
- No PCBs were detected in the sediment samples above the NYSDEC TAGM criteria;
- Metals consisting of arsenic, cadmium, chromium, copper, mercury, lead, nickel, selenium, and zinc were detected in all the sediment samples above NYSDEC RSCO and Eastern U.S. Background criteria (as identified in TAGM 4046) in borings BCS-1 through BCS-8 collected at the Site. The metals are likely attributed to contaminants in historic fill deposited in the creek, as well as undocumented discharges from historic industrial activities along the East River;
- The detections of VOCs and SVOCs above their respective NYSDEC TAGM criteria and/or STARS TCLP Alternative Guidance Value criteria indicate that the majority of the contamination detected in the sediments is likely from the known petroleum releases from the BFOC and former MGP operations. Additional sources of contamination may be a result of contaminants in historic fill material used to backfill portions of the creek, surface water runoff containing contaminants, and undocumented discharges from historic industrial activities along the East River. Since these contaminants are located underwater, they do not pose a significant health risk for local residents.
- A limited exposure risk is also posed by metals such as arsenic, cadmium, chromium, mercury, lead, nickel, and zinc which were detected above the NYSDEC TAGM criteria and Eastern U.S. Background criteria. The presence of these compounds, along with other metals detected below NYSDEC criteria suggests that the source of these metals is

likely from a combination of contaminants in historic fill material deposited in the creek as well as from petroleum contamination from adjacent properties and historic industrial operations along the East River;

- Two composite sediment sample and 1 composite water sample were analyzed for RCRA hazardous waste characteristics including full TCLP analysis to evaluate waste characteristics of soil cuttings and equipment decontamination water, respectively, generated during the SI activities. The results of the composite samples revealed no detections of compounds above RCRA hazardous waste levels. Consequently, the drilling cuttings generated from the borings advanced within the Bushwick Creek and decontamination water generated at the Site are considered non-hazardous for the purpose of waste classification; and,
- Since the sediment samples were collected at depth beneath Bushwick Creek and there are no dredging or excavation activities taking place, the creek does not appear to pose a significant health risk for local residents.

1.0 INTRODUCTION

This Site Investigation (“SI”) report presents the findings of the subsurface site investigation conducted by Metcalf & Eddy of New York, Inc. (“M&E”) for the City of New York Department of Design & Construction (“DDC”) at the property identified by the New York City Office of Environmental Coordination (“OEC”) as the Bushwick Creek Inlet (“BCI”) property (“the Site”). The Site is located along Kent Avenue between the south shoreline of Bushwick Creek and Quay Street in the Greenpoint-Williamsburg section of the Borough of Brooklyn, New York (see Figure 1). Approximately one acre of the Site was donated to the Greenpoint Monitor Museum (“GMM”) for use as a future museum. Access to this property during the SI was denied by the GMM. For the purposes of this report, both the Motiva and GMM properties are defined as the Site. The SI field activities were conducted from February 21, 2006 to March 22, 2006. The purpose of the SI, as defined by the DDC and OEC, was to evaluate the lateral and vertical extent of contamination in subsurface soil and sediment that may exist from the historic and current on-site and off-site operations for the proposed construction of Williamsburg Park. To complete this objective, a subsurface investigation consisting of the collection of 18 soil samples and 22 sediment samples were collected from the soil and sediment borings as shown on Figure 2.

The investigation was performed in general accordance with New York State Department of Environmental Conservation (“NYSDEC”) Draft DER-10 Technical Guidance for Site Investigation and Remediation dated December 2002. The investigation findings were evaluated based on the Technical and Administrative Guidance Memorandum (“TAGM”) No. 4046 and Spill Technology and Remediation Series (“STARS”) Memorandum No.1, Toxicity Characteristic Leaching Procedure (“TCLP”) Alternative Guidance Values.

Fleming –Lee Shue, Inc. (“FLS”) performed a Phase I Environmental Site Assessment (“ESA”) of the Site in November 2003 and concluded that although the Site is currently undeveloped, several structures historically existed at the Site. Most notably, a ship yard and a dry dock facility were previously located on the Site, which included two box docks, a mill gallery, two

lumber buildings, a storage facility, and a machine shop. These buildings occupied portions of the Site from at least 1942 to sometime prior to 1966.

Although no SIs were previously conducted at the Site, a subsurface investigation was conducted by EMTEQUE Corporation along Franklin Street/Kent Avenue that identified possible subsurface contamination consisting of VOCs and metals. Prior use as a ship yard suggests possible contamination from anti-fouling paints, petroleum and solvents which may have been used at that time. Petroleum contamination was also encountered during several subsurface investigations performed at Bayside Fuel Oil Company (“BFOC”) located adjacent and south of the Site, including the SI recently completed by M&E. BFOC has been a petroleum distillery/bulk storage terminal for over 100 years. South of the BFOC is the former Brooklyn Union Gas manufactured gas plant (“MGP”) which was in operation during the turn of the 20th Century. The previous environmental investigations at the BFOC property detected the presence of petroleum and coal tar contamination associated with the former MGP operations. The SI conducted by M&E at the BFOC also property detected the presence of petroleum and coal tar contamination associated with the former MGP operations. Findings of the SI at BFOC are presented in the November 2006 SI Report prepared by M&E.

Sections 1.0 through 4.0 of the SI provide an introduction and discussion of the background, historical information, area geology/hydrogeology and technical approach for the project. Sections 5.0 through 9.0 provide the nature and extent of contamination, fate and transport, conceptual site model, conclusions, and references.

1.1 SI OBJECTIVES AND SCOPE

The objective of this investigation was to assess the environmental impacts to soil and groundwater from past and current on-site and off-site activities. This also included the evaluation of potential buried underground structures which have the potential to impact the surrounding environment. The location of these underground structures is based upon information obtained from previous investigations in the area of the Site. The investigation also evaluated potential human and ecological risks from the contaminants identified at the Site. The

potential for impacts to air quality or surface water are considered minimal; therefore, these media were not investigated. In addition, the scope of the investigation assumed that the upper 4 feet of soil at the Site was contaminated with historic fill based upon the results of previous investigations conducted in the area.

The following was identified for investigation:

- (1) The lateral and vertical extent of potential surface and subsurface soil contamination from onsite storage and handling of various petroleum products at the BFOC property;
- (2) The lateral and vertical extent of potential surface and subsurface soil contamination from the former offsite MGP operation; and,
- (3) The lateral and vertical extent of potential soil and sediment contamination from onsite and offsite operations along the shoreline and within the BCI.

The data collected was also used to evaluate the general extent of environmental cleanup required for the preparation of a Cost to Cure Report as requested by the OEC.

1.2 SITE DESCRIPTION

The Site is located in the Greenpoint - Williamsburg section of the Borough of Brooklyn, New York (Figure 1). The Site is currently vacant and contains some miscellaneous trash and debris. The topography of the shoreline slopes towards the BCI. The Site is unpaved and contains fill material consisting of ash, cinders, brick, concrete, and wood fragments, along with other miscellaneous debris. Shoreline erosion control (rip-rap) consisting of large boulders is located along the shoreline adjacent to the BFOC property.

1.2.1 Property Ownership and Use Summary

The property owner for the majority of the Site is identified as Motiva Enterprises LLC on Block 2590, Lot 100 by the City of New York Department of Finance (“DOF”). The Motiva property is presently identified as a non-navigable waterway by the OEC. A portion of the site located

along Quay Street is identified as being owned by the Greenpoint Monitor Museum. The DOF identifies the property as Block 2590, Lot 25. The Greenpoint Monitor Museum property was donated by Motiva Enterprises LLC for use as a museum. M&E personnel were not allowed to collect samples on this property. For the purposes of this report, the Site will refer to both properties.

1.2.2 Surrounding Property Use

The Site is bound by the East River to the west, bulk petroleum operations of the BFOC to the south, Quay Street and property owned by the New York City Transit Authority (“NYCTA”) for vehicle maintenance to the north, and Kent Avenue and light commercial operations to the east. The Site and its immediate surroundings are zoned Low Performance Manufacturing (“M3”) by the New York City Department of Planning.

1.2.3 Site History

A review of the Sanborn Fire Insurance Maps and historic aerial photographs dating back to 1916 depict the area as vacant, undeveloped land with several small structures until approximately 1942. The Site was developed with several partial structures and two floating dry docks associated with “Liberty Dry Dock, Inc.” between 1942 and 1954. During this period of time, the Site included two box docks, a mill gallery, lumber and general storage buildings, and a machine shop. The onsite structures no longer appear on the 1965 maps and photographs. The Site appears as vacant, undeveloped land from 1965 to the present.

1.3 PHYSICAL AND ENVIRONMENTAL SETTING

The shoreline topography of the Site ranges from flat to a moderate slope towards the Bushwick Creek. The shoreline of the Site is covered with material including rip-rap and overgrown vegetation. BFOC borders the Site on the southern side and the East River border the Site to the west. Kent Avenue and Quay Street border the Site on the east and north, respectively. A sewer easement is located along the North 12th Street near the Site and terminates at the East River. Property utilized by the NYCTA is located north of the Site. Light commercial operations are located east of the Site.

The area of investigation and its immediate surroundings are zoned M3 by the City of New York Department of Planning. Adjacent industrial properties located southwest and beyond North 12th Street include Perfect Courier Limited, CitiStorage, and the NYC Department of Sanitation. Adjacent industrial properties to the east beyond Kent Avenue include a NYC Department of Environmental Protection garage, the Albest Metal Stamping Company, a lot occupied by Nations Rent construction rental equipment and a building housing Colonial Tempered Glass.

1.3.1 Regional Geology

The Cretaceous-age Atlantic Coastal Plain physiographic province is found in the extreme southeast portion of New York State (Kings, Queens, and Richmond Counties). The geology of this province is unique, in that it is not made up of rock, but consists of unconsolidated sediments. Bedrock is not exposed anywhere at the ground surface within the Coastal Plain; however, it is exposed immediately to the west and northwest on Staten Island and in the Bronx.

The surficial deposits overlying the Coastal Plain are, in order of greatest to least coverage: outwash sand and gravel, till moraine, till, kame moraine and Barrier Island. The following deposits account for approximately 1% each of the total coverage: ice contact deposits, beach, swamp and lucustrine delta.

Outwash sand and gravel covers approximately two-thirds of the south shore of Long Island, extending as far east as the Hither Hills Walking Dunes in the Town of East Hampton and westward to the border of Nassau and Queens Counties. The thickness of the outwash varies between 6 and 66 ft.

Till moraine, which accounts for approximately 20% of the areal extent of the surficial deposits, is the second most prevalent surficial deposit on Long Island. The vertical thickness of the moraines on Long Island varies from 33 to 99 feet.

Glacial till accounts for approximately 10% of the surficial deposits on Long Island. It covers the northwest coast of Nassau County, on the peninsulas and underlying the bays. It continues

this pattern eastward across the county line into the north coast of Suffolk County for about six miles, and then give way to the Harbor Hill Moraine. The thickness of glacial till on Long Island is generally from 3 to 164 feet thick.

Kame moraine deposits account for approximately 10% of the total surficial deposits on Long Island. Kame moraine is the constituent material of the Ronkonkoma Moraine for approximately the western 37 miles of its length, until it joins up with the Harbor Hill moraine near the Huntington Station. These deposits vary from 33 to 99 feet thick.

Barrier island deposits, the most extensive non-glacial sediment, account for about 5% of the total surficial deposits of the area. These Coastal Plain islands comprise nearly the entire chain of barrier islands that outline the southern coast of Long Island, from Coney Island in the west to Southampton in the east. These deposits consist of sand and gravel of variable thickness deposited under near-shore marine conditions. Their thickness is variable.

Extensive tidal wetlands are located on the leeward side of the line of barrier islands that stand off the south shore of Long Island. Swamp deposits are the last of the non-glacial surficial sediments, consisting of peat muck, organic silt and sand. They create potential land instability and are generally from 6 to 66 feet thick.

1.3.2 Regional Hydrogeology

Physiographically, Kings County is part of the Long Island Hydrogeologic System. In a roughly north-south cross section, the geology can be characterized as a wedge shaped layer of Cretaceous and Pleistocene age unconsolidated sediments, thickening to the south-southeast. Several impermeable clay layers are found within this sediment package, generally creating three distinct aquifers. Potable water is primarily withdrawn from the deepest of the aquifers in southeastern Kings County; groundwater is the sole source of drinking water in Nassau and Suffolk Counties and is protected as such in Kings County. Consolidated bedrock is of Precambrian and Paleozoic age. The thickness of the unconsolidated sequence ranges from zero to approximately 1,300 feet below ground surface from north to south. The uppermost

unconsolidated unit consists of Pleistocene glacial till and moraine deposits in the northern portion of Kings County and glaciofluvial sediments derived from melt-water of the retreating glacier to the south. These deposits constitute the Upper Glacial Aquifer.

The overlying Cretaceous age sediments are characterized by three period of deposition separated by period of erosion. The lowermost unit, known as the Raritan Formation, was deposited by streams and coalescing delta deposits. The formation has been divided into two units, the Lloyd Sand Member and a conformable overlying clay unit.

After the period of erosion, the Magothy Formation was deposited in an environment dominated by streams and coalescing deltas. The coarse basal unit indicates an environment of high energy that decreases rapidly, resulting in deposition of finer sands and silts that make up the majority of the formation.

Several episodes of Pleistocene glaciations by a southward advance from New England and the Hudson River valley eroded the Cretaceous deposits. The unconformity extends across most of Kings County between the Cretaceous deposits and the overlying sediment, represents glacial scouring and glaciofluvial activity. Evidence of ice contact with the underlying Cretaceous deposits is absent in the southern portion of Kings County, indicating the southernmost limit of the advancing ice sheets.

The oldest Pleistocene deposit, represented only on western Long Island and Kings County is Jameco Gravel (Jameco Aquifer). It is a channel filling of gravel and coarse sands which may represent a paleo Hudson River.

The terminal moraine of the last glacial advance is represented by the Harbor Mill Moraine. The Moraine trends southwest to northeast through central Kings County. The moraine deposits consist of poorly sorted silts, clays, sands and boulders and form the topographic highs in the area.

The first unconfined aquifer encountered is the upper glacial aquifer. The depth to the water table varies but generally follows topography. In areas of higher topography associated with glacial moraine deposits, the water table is as great as 100 feet below sea level. Closer to sea level, groundwater can occur at depths of 5 to 10 feet below sea level. Generally, groundwater flow follows topography, with flow from higher to lower elevations. The terminal moraine deposits act as a groundwater divide with regional flow to the north, north of the moraine and to the south, south of the moraine.

1.4 PREVIOUS INVESTIGATIONS

FLS performed a Phase I ESA of the proposed Williamsburg Park in November 2003 and made the following conclusions about this site:

- Although Tax Block 2590, Lots 25 and 100 are currently undeveloped, several structures historically existed onsite. Most notably, a ship yard and dry dock facility were previously located on the Site, which included two box docks, a mill gallery, two lumber buildings, storage, and a machine shop. This facility appeared to occupy portions of Lot 100 from at least 1942 to sometime prior to 1966.
- No Phase II investigations were historically performed at the Site; however, a limited subsurface investigation conducted along Franklin Street/ Kent Avenue adjacent to the Site identified possible subsurface petroleum contamination. Prior use as a ship yard suggests possible contamination from anti-fouling paints, petroleum, and solvents which may have been used at that time.

BFOC located adjacent and south of the Site has been developed as a petroleum distillery / bulk oil storage terminal for at least 100 years. A summary of an SI completed on this site by M&E is discussed under a separate report titled “Site Investigation Report, Bayside Fuel Oil Company, Brooklyn, New York” dated November 2006.

2.0 SITE INVESTIGATION SCOPE OF WORK

The SI fieldwork was conducted from February 21, 2006 to March 22, 2006. M&E conducted a reconnaissance of the Site and reviewed historic information sources such as Sanborn maps and other historic site engineering drawings and prior environmental assessments reports provided by DDC. The information gathered during these activities was used to determine the type of environmental sampling and the number of samples to be collected, which are specified in the Sampling and Analysis Plan (“SAP”). Based upon discussions with the DDC, the SAP was developed with assumption that the upper 4 feet of soil was contaminated due to the presence of contaminants in historic fill.

M&E prepared a Health and Safety Plan (“HASP”) to provide guidelines for their personnel health and safety during field operations. A Community Air Monitoring Plan (“CAMP”) was also prepared in accordance with the New York State Department of Public Health (“NYSDOH”) to monitor the perimeter of the work area for the health and safety of the surrounding community.

The following sections generally describe the methods used for the sampling in accordance with the DDC approved work plan. Detailed field procedures are provided in the Work Plan. AmeriSci Laboratory of Boston, Massachusetts is a New York State approved laboratory that conducted soil and groundwater sample analyses. Onshore drilling services were provided by Aquifer Drilling and Testing, Inc. (“ADT”) of New Hyde Park, New York. Off-shore drilling within Bushwick Creek was conducted by Warren George, Inc. of Jersey City, New Jersey.

2.1 SI FIELD WORK

The SI field work included:

- Advancement of 8 soil borings utilizing a track mounted hollow stem auger drill rig (BC-1 through BC-8);

- Advancement of 11 sediment borings using rotary drilling methods with a drill rig mounted on a barge (BCS-1 through BCS-11);
- Containment of drill cuttings and decontamination water into sixteen 55-gallon drums; and,
- Survey of all soil and sediment boring locations.

The following samples were collected from each of these investigation points.

- 18 soil samples were collected from the 8 soil boring locations.
- 22 sediment samples were collected from the 11 sediment boring locations; and,
- 3 composite waste classification soil and 2 composite water sample were collected from the drill cuttings and water generated during the field program for the purposes of waste classification.

Additional soil borings and samples were originally proposed on the property owned by GMM. However, GMM denied M&E access to their property.

An air-monitoring program was conducted in accordance with the provisions of the HASP and the CAMP during all intrusive activities. The air-monitoring program included the collection of real-time air quality data and data for airborne volatile organic compounds (“VOCs”) and particulates. No exceedances of the air monitoring action levels were measured at the perimeter of the work zone during the entire SI field program. No exceedances of worker health and safety action levels were measured during the entire SI field program.

2.2 FIELD METHODS

The SI consisted of both soil and sediment sampling elements. Each element included numerous soil and sediment samples obtained from soil and sediment borings advanced during the field activities. The locations of each soil and sediment boring are shown on Figure 2. All relevant field data were recorded in the field log and boring logs. Boring logs are included in Appendix

B and daily field reports are provided in Appendix C. Air monitoring logs are provided in Appendix D.

2.2.1 Air Monitoring

Perimeter air monitoring was conducted in accordance with the approved HASP. The objective of the perimeter air monitoring was to prevent migration of potential airborne compounds of concern to the downwind community (i.e., off-site receptors, including residences and businesses and on-site workers not involved with the site field activities).

Perimeter air monitoring was performed continuously during drilling activity. A perimeter air quality station was setup downwind of each boring location. A Thermo Electron OVM 580B photoionization detector (“PID”) was used to monitor the levels of organic vapors in the ambient air and a Thermo Electron MIE pDR-1000 DATA RAM dust monitor was used to monitor for respirable dust particles during the field work. Each instrument was calibrated every morning before start of work. The PID and DATA RAM readings were collected manually every 15 minutes during drilling operations. At no time during this SI activities did the VOC or the dust monitor levels at the perimeter of the work area exceed the action levels specified in the CAMP.

2.2.2 Soil Sampling

Eight soil borings were advanced using a track mounted drill rig equipped with hollow stem augers as part of the SI. The augers were equipped with center plugs to control the sub-water table sediments from rising inside the auger flights and hampering collection of representative soil samples. Augers with a minimum inside diameter of 4 ½ inches were used to advance all boring locations. The objective of these borings was to evaluate subsurface conditions. At each boring location, logged soils using continuous split spoon samples to a depth of 70 feet below ground surface (“bgs”), screened with a PID, and visual and olfactory observations were noted in accordance with the SAP. Eighteen soil samples were collected from the 8 soil borings advanced at the Site. A minimum of 2 soil samples were collected from each boring location for laboratory analysis. One soil sample was collected from each boring from soils potentially impacted by petroleum/MGP contamination. A second sample was collected from potentially

clean (non-impacted) material. Soil borings were advanced below the groundwater table in order to visually assess if contamination exists as a result of historic on-site or off-site operations. Soil samples were analyzed for Target Compound List (“TCL”) VOCs, TCL semivolatile organic compounds (“SVOCs”), Polychlorinated Biphenyls (“PCBs”), Target Analyte Metals (“TAL”) and cyanide. Completed boreholes were backfilled to grade using cement-bentonite grout. The drill cuttings from each boring location were contained within 55-gallon drums for offsite disposal.

2.2.3 Sediment Sampling

Eleven sediment borings were advanced using a drill rig mounted on a barge within the BCI as part of this SI. Drive and wash drilling techniques were used to advance the sediment borings. This method used a metal casing having a nominal diameter large enough to allow placement of a split spoon sampler for the collection of sediment samples. The casing was advanced by using a 300-pound weight falling about 30 inches with number of blows recorded. When the casing was advanced to the required depth and samples were collected, the casing was advanced to the next sampling depth by use of a roller bit with washing apparatus. No oil, grease, or drilling fluids were introduced into the casing. All washing was performed with water from the BCI.

At each sediment boring location, continuous split spoon samples were advanced to a depth of 70 feet below barge surface (“bbs”), logged by a qualified scientist, screened with a PID, and visual and olfactory observations were noted in accordance with the SAP. Twenty-two samples were collected from the 11 sediment borings advanced at the Site. A minimum of 2 soil samples were collected from each boring location for laboratory analysis. One sample was collected from each boring from sediment potentially impacted by petroleum or MGP contamination. A second sample was collected from potentially clean (non-impacted) material. The samples collected from these boring locations were analyzed for TCL VOCs, TCL SVOCs, PCBs, TAL metals, and cyanide. Completed boreholes along the shoreline of the Bushwick Creek were backfilled to grade using cement-bentonite grout. Borings advanced within the Bushwick Creek were allowed to fill in once the drill rods were removed. The drill cuttings from each boring location were contained within 55-gallon drums for offsite disposal.

2.2.4 Surveying

At the conclusion of the SI field activities, a New York State-licensed land surveyor from the DDC located the soil and sediment borings along the shoreline and within the BCI. The survey was conducted to A-2 standards of accuracy, with an approximate horizontal and vertical precision of +/- 0.02 feet. Point coordinates were referenced to the New York State Plane Coordinate System (East Zone, NAD 83) as determined by differential GPS observations. These boring locations were also field located relative to fixed site features.

Borings advanced within the BCI were located using both a portable GPS unit and surveyed measurements provided by the DDC.

2.3 QUALITY ASSURANCE

Sample labeling, handling, and chain-of-custody requirements were consistent with the protocol for this level of investigation and previous assignments of this nature performed for the DDC. Compliance with these procedures was monitored by the field geologist. Samples were collected in containers compatible with the intended analysis and properly preserved. Typical requirements for analytical parameters utilized on the project with respect to the type of container, preservation method, and maximum holding time between collection and analysis were specified by the analytical method and the analytical laboratory.

Once collected, the sample volumes were placed in clean sampling containers provided by the analytical laboratory. The bottles were wiped, tape was placed over the lid and label, and the bottles were labeled as noted below:

- Site name;
- Unique sample identification number;
- Sampling date and time;
- Initials of person obtaining the sample; and,
- Method of sample preservation.

The sample containers were then transferred to coolers filled with ice to maintain the proper preservation temperature of 4°C. Proper chain of custody procedures followed during this investigation included:

- Identification of samples on sample labels and COC form;
- Preparation of a single chain-of-custody form for each sample delivery group (“SDG”);
- Accurate logging of sample collection depths, times, conditions, and proposed analysis on the chain-of-custody forms, on sample labels, and in the field notebook;
- Signing of the chain-of custody by the appropriate sampling personnel or team leader;
- Initialing any changes/corrections made on sample chain-of-custody or labels by the team leader; and,
- Maintenance of samples in coolers sealed with chain-of-custody tape initialed by the team leader at a location close to the work site to prevent tampering.

The chain-of-custody form was completed with the sample transfer dates and signatures of all the individuals responsible for sample collection, shipment, and receipt. The chain-of-custody form was filled out in ink. There were no instances where chain-of-custody procedures were violated during this investigation. Disposable gloves or plastic trowels/scoops were used to collect analytical samples for submission to the laboratory. Therefore, field decontamination of sampling tools was not required. Chain-of-custody forms are presented in Appendix E.

QA/QC samples were collected as part of this investigation as requested by the DDC. Two (2) duplicate samples, two (2) field blank samples, and one (1) trip blank samples were collected during the field investigation activities. Internal laboratory QA/QC samples included method blanks, surrogate spikes, laboratory duplicates, and laboratory control spikes, and matrix spike/matrix spike duplicates. The laboratory selected matrix spike and matrix spike duplicate samples from among the field samples for QA/QC analysis.

The analytical laboratory used for this project was AmeriSci Laboratory, a NYS DOH approved laboratory located in Boston, Massachusetts. The laboratory reported that the cooler temperatures upon delivery were within the U.S. Environmental Protection Agency’s protocol of 4°C, +/- 2°C.

2.4 WASTE MANAGEMENT

Soil cuttings, decontaminated water, personnel protection equipment (“PPE”), and other materials generated during the SI were placed in DOT approved 55-gallon drums and stored the waste on-site for testing and disposal. Composite samples from drums containing soil and water were collected and analyzed for waste classification purposes. Upon receipt of the laboratory results, the drillers (ADT) were provided with the results in order to arrange for the transportation and offsite disposal of the drums. The drums generated from the onshore activities were transported by Rapid Waste Disposal, Inc. of Huntington Station, New York. The drums generated from the sediment boring activities were transported by Clean Venture Inc. of Elizabeth, New Jersey.

2.5 LABORATORY ANALYSIS

The analytical parameters for the samples collected during the SI were selected based upon evaluation of former and current site operations, the likely presence of historic fill, and the likelihood of disturbance/contact of soil and/or groundwater during proposed construction activities. The following parameters and corresponding analytical methods were selected for analysis of subsurface samples:

Analytical Parameters	Analytical Methods
TCL VOCs	8260
TCL SVOCs	8270
PCBs	8082
Cyanide	9010
TAL Metals	6010B/7000

3.0 SITE GEOLOGY AND HYDROGEOLOGY

This section documents the site geology and hydrogeology beneath the BCI and is based on specific soil and sediment boring data collected during the SI.

3.1 GEOLOGY

Two major stratigraphic units were identified during the SI drilling program which include, in order of increasing depth, fill and native soil. Bedrock was not encountered during this investigation.

3.1.1 Fill Material

Based on the current SI performed at the Site along the shoreline of BCI, the subsurface consists of a layer of fill material ranging from a depth of 11 to 19 feet below grade. The fill generally consists of sand and silty sand with crushed stone, wood, concrete, ash, cinders, and brick. The thickness of the fill decreases from south to north at the Site. Fill was encountered in each of the soil borings.

3.1.2 Native Soils

Along the shoreline of BCI, the fill is underlain by black organic silt ranging in thickness from 4 to 15 feet. The strata below the black organic silt consists of alternating strata of fine sandy silts and silty clays to approximately 60 to 70 feet below grade, after which point a gray to reddish brown stiff silty clay occurs. However, within the BCI, the organic silt layer extends to a depth of 10 to 26 feet from the mud line which is approximately 10 to 15 feet below the water line. A layer of sandy silts and silty clays is present under the organic silty layer to a depth of 36 to 54 feet below the mud line, at which point reddish brown stiff silty clay occurs.

3.2 HYDROGEOLOGY

The Site hydrogeology is discussed in terms of closest surface water body (East River) and the groundwater aquifers located beneath the Site. Based on information obtained from a review of previous SIs conducted on the BFOC property, groundwater occurs from 5 to 10 feet below grade and flows in a westerly direction towards the East River.

4.0 NYSDEC CRITERIA

4.1 TAGM SOIL CRITERIA

The analytical results of the soil samples were compared to the criteria published by the NYSDEC for soils in the NYSDEC TAGM 4046 Determination of Soil Cleanup Objectives and Cleanup Levels dated January 1994 and amended December 20, 2000. TAGM 4046 provides guidance for remedial actions at NYSDEC Inactive Hazardous Waste and Spill sites based on health-related concerns and available clean-up technologies. Attainment of the TAGM criteria will, at a minimum, eliminate all significant threats to human health and/or the environment.

4.1.1 Recommended Soil Cleanup Objectives

New York State has not promulgated soil standards, but Recommended Soil Cleanup Objectives (“RSCOs”) have been established under the NYSDEC TAGM 4046 Determination of Soil Cleanup Objectives and Cleanup Levels. Soils analytical results were compared to the TAGM RSCOs in order to establish cleanup levels.

4.1.2 Soil Cleanup Objectives to Protect Groundwater Quality

The TAGM Soil Cleanup Objectives to Protect Groundwater Quality (“SCOPGQ”) criteria is based upon the theory that contaminated soil and groundwater are in direct contact. There is a concern over the protectiveness of TAGM levels when contaminated soil is within three (3) to five (5) feet of groundwater. TAGM states that the criteria is based upon the ability of organic matter in soil to adsorb organic chemicals and that it predicts the maximum amount of contamination that may remain in the soil so that leachate from the contaminated soil will not impact groundwater. The SCOPGQ criteria do not apply to inorganic compounds.

Although the Site is in an area that likely contains brackish groundwater and is not classified as a groundwater use area, assessment of potential groundwater contamination could forecast potential issues related to the collection and discharge of groundwater during construction dewatering. In addition, contaminants detected above these criteria were compared to the groundwater sample results to assess if the historic fill has impacted groundwater quality.

4.1.3 Eastern U.S. Background

The Eastern U.S. Background criteria are limited to metals and were developed based upon NYSDEC's averaging of numerical reference material in 1984, which presented varying concentrations of metals across the United States. The Eastern U.S. Background criteria serve as default limits for those contaminants not listed with a TAGM RSCO and provide an indication of typical background concentrations of metals.

4.2 STARS TCLP ALTERNATIVE GUIDANCE VALUES

The NYSDEC's STARS Memorandum No.1, Petroleum Contaminated Soil Guidance Policy dated 1992 provides guidance for specific petroleum-related VOCs and SVOCs, odor, and other nuisance factors, and provides TCLP Alternative Guidance Values for waste classification purposes. The STARS guidance also provides the NYSDEC's statewide criteria for re-use of petroleum contaminated soil. The STARS guidance was retained since DDC may elect to re-use the excavated soils elsewhere.

4.3 HAZARDOUS WASTE CRITERIA - NYSDEC 6 NYCRR PART 371

Composite samples collected from soil cuttings, sediment cuttings and decontamination water generated during the SI were analyzed for Resource Conservation and Recovery Act ("RCRA") hazardous waste characteristics including full TCLP analysis to evaluate waste characteristics as identified in 6 New York Code, Rules and Regulations ("NYCRR") Part 371. If the results of the samples are found to be below the criteria identified in 6 NYCRR Part 371, the sample and corresponding material generated during the SI were considered non-hazardous for waste disposal purposes.

5.0 NATURE AND EXTENT

This section discusses the degree and extent of petroleum contamination and chemical constituents detected during the SI field activities at the Site. The samples locations with exceedance are shown in boxes on Figures 4 and 5. The nature and extent of the chemical constituents is determined by the geologic conditions, groundwater flow patterns, historical use, processes, and structures located at the Site. Three soil borings (BC-1, BC-2, and BC-3) and four sediment soil borings (BCS-1, BCS-2, BCS-4, and BCS-9) exhibited petroleum odors, while 1 sediment boring (BCS-11) exhibited creosote odors. These physical descriptions were recorded and are presented on the boring logs included in Appendix B. In addition to physical observations, this section also discusses the analytical results of the soil and sediment samples collected during the SI activities. Tables 1 to 4 summarize the soil analytical results and tables 5 to 8 summarize the sediment analytical results. Appendices B, C, D, E, and F include the boring logs, daily field reports, community air monitoring data logs, chain of custody forms, and laboratory data reports, respectively.

5.1 SOIL ANALYTICAL RESULTS

The analytical results were compared to the NYSDEC TAGM RSCO, the NYSDEC TAGM SCOPGQ, the NYSDEC Eastern United States Background Concentrations as identified in the NYSDEC TAGM 4046 criteria dated January 24, 1994 and amended in December 2000, and the STARS TCLP Alternative Guidance Value identified in the STARS Memorandum Soil Guidance Policy dated August 1992. A discussion of the analytical results based on specific parameters is provided in the following subsections. A summary of the analytical results for the soil samples collected from the onshore soil borings is provided in Tables 1 through 4. The laboratory data packages are included in Appendix G.

5.1.1 TCL Volatile Organic Compounds

TCL VOCs were detected in 3 of the 18 soil samples that exceeded the NYSDEC cleanup criteria or the STARS TCLP Alternative Guidance Values. Acetone was detected above the TAGM RSCO, while m&p xylene, o-xylene, 1, 3, 5-trimethylbenzene, 1, 2, 4-trimethylbenzene, isopropylbenzene, n-propylbenzene, tert-butylbenzene, sec-butylbenzene, and n-butylbenzene,

were detected above the STARS Alternative Guidance Values. Naphthalene was detected above the TAGM RSCO, TAGM SCOPGQ, and STARS TCLP Alternative Guidance Value, but was also detected in one of the laboratory QA/QC blanks and as such may be the result of cross-contamination. The remaining VOCs were detected at concentrations below the NYSDEC TAGM and STARS TCLP Alternative Guidance Values, or were not detected above the laboratory's method detection limits ("MDLs"). A summary of the VOC results is provided in Table 1.

5.1.2 TCL Semi-Volatile Organic Compounds

TCL SVOCs were detected in 6 of 18 soil samples that exceeded either the NYSDEC TAGM RSCO and SCOPGO criteria or the STARS Alternative Guidance Values. Specifically, the PAH compounds naphthalene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, and dibenzo(a,h)anthracene were detected above the TAGM RSCOs. Naphthalene, benzo(a)anthracene, chrysene, benzo(b)fluoranthene, and benzo(k)fluoranthene were detected above the TAGM SCOPGO. PAH compounds naphthalene, acenaphthylene, acenaphthene, fluorene, phenanthrene, anthracene, fluoranthene, pyrene, benzo(a)anthracene, chrysene, indeno (1,2,3-cd)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, dibenzo(a,h)Anthracene, and benzo(g,h,i) perylene were detected above the STARS TCLP Alternative Guidance Values. The remaining SVOCs were not detected above TAGM RSCOs, SCOPGQs, STARS TCLP Alternative Guidance Values, or the laboratory's MDLs. A summary of the SVOC results is provided in Table 2.

5.1.3 Polychlorinated Biphenyls

PCBs were detected at concentrations below TAGM RSCO and SCOPGQ criteria in the soil samples collected at the Site. A summary of the PCB results is provided in Table 3.

5.1.4 TAL Metals

TAL metals were detected in 16 of 18 soil samples that exceeded either the NYSDEC TAGM RSCO or the Eastern USA Background Criteria. Arsenic, cadmium, chromium, copper, mercury, nickel, selenium and zinc were detected above the TAGM RSCO in the soil samples collected at the Site. Arsenic, cadmium, copper, lead, mercury, and zinc were detected above the

TAGM Eastern USA Background Criteria. The remaining TAL metals antimony, aluminum, barium, beryllium, calcium, iron, cobalt, lead, magnesium, manganese, vanadium, potassium, silver, sodium, and thallium, as well as cyanide were detected below the TAGM RSCO and TAGM Eastern USA Background criteria. A summary of the TAL metals results is provided in Table 4.

5.2 SEDIMENT ANALYTICAL RESULTS

Similar to the soil sample results, the sediment sample analytical results are also compared to the NYSDEC TAGM RSCO, the NYSDEC TAGM SCOPGQ, the TAGM Eastern United States Background, and the STARS TCLP Alternative Guidance Value. A discussion of the analytical results based on specific parameters is provided in the following subsections. A summary of the analytical results for sediment samples is provided in Tables 5 through 8. The laboratory data packages are included in Appendix G.

5.2.1 TCL Volatile Organic Compounds

TCL VOCs were detected in 12 of the 22 sediment samples that exceeded the NYSDEC cleanup criteria or the STARS TCLP Alternative Guidance Values. Acetone, 1,2,4 trimethylbenzene and naphthalene were detected above TAGM RSCOs and acetone and naphthalene were detected above the TAGM SCOPGQ. Benzene, Ethylbenzene, m&p xylene, o-xylene, isopropylbenzene, 1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene, sec-butylbenzene, n-butylbenzene, and naphthalene were detected above the STARS TCLP Alternative Guidance Values. The remaining VOCs were detected at concentrations below the NYSDEC TAGM and STARS TCLP Alternative Guidance Values, or were not detected above the laboratory's MDLs. A summary of the VOC results is provided in Table 5.

5.2.2 TCL Semi-Volatile Organic Compounds

TCL SVOCs were detected in 11 of 22 sediment samples that exceeded either the NYSDEC TAGM RSCO and SCOPGQ criteria or the STARS TCLP Alternative Guidance Values. The PAH compounds naphthalene, 2-methyl naphthalene, phenanthrene, di-n-butylphthalate, benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, and

dibenzo(a,h)anthracene were detected above the TAGM RSCO criteria. Naphthalene, 2-methyl naphthalene, di-n-butylphthalate, benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(k)fluoranthene, and benzo(a)pyrene, were detected above the TAGM SCOPGQ. PAH compounds naphthalene, 2-methyl naphthalene, acenaphthylene, acenaphthene, fluorene, phenanthrene, fluoranthene, pyrene, benzo(a)anthracene, chrysene, indeno (1,2,3-cd)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, dibenzo(a,h)anthracene, and benzo(g,h,i) perylene were detected above the STARS TCLP Alternative Guidance Values. The remaining SVOCs were not detected above TAGM RSCOs, SCOPGQs, STARS TCLP Alternative Guidance Values, or the laboratory's MDLs. A summary of the SVOC results is provided in Table 6.

5.2.3 Polychlorinated Biphenyls

PCBs were detected at concentrations below TAGM RSCO and SCOPGQ criteria in the sediment and soil samples collected at the Site. A summary of the PCB results is provided in Table 7.

5.2.4 TAL Metals

TAL metals were detected in all 22 sediment samples that exceeded either the NYSDEC TAGM RSCO or the TAGM Eastern USA Background Criteria. Arsenic, cadmium, chromium, copper, lead, mercury, nickel, selenium, and zinc were detected above the TAGM RSCO in the soil samples collected at the Site. Arsenic, barium, cadmium, chromium, copper, lead, magnesium, mercury, nickel, selenium, sodium, and zinc were detected above the TAGM Eastern USA Background Criteria. The remaining TAL metals antimony, aluminum, beryllium, calcium, iron, cobalt, manganese, vanadium, potassium, silver, sodium, and thallium, as well as cyanide were detected below the TAGM RSCO and TAGM Eastern USA Background criteria. A summary of the TAL metals results is provided in Table 8.

5.3 WASTE CLASSIFICATION ANALYTICAL RESULTS

One composite soil sample and 1 composite water sample from the drums generated during the advancement of soil borings along the shoreline of the Site and 2 composite sediment samples and 1 composite water samples from drums generated during the advancement of sediment

borings within the Bushwick Creek were analyzed for RCRA Characteristics including Full TCLP analysis. The results of the composite samples did not detect any compounds above the laboratory's MDLs. Based upon the laboratory results, the soils and sediment at the Site are considered non-hazardous for the purposes of waste classification. A summary of waste classification analytical results is provided in Table 9.

5.4 SUMMARY OF CONTAMINANT DISTRIBUTION

Based upon the field and analytical results obtained during the field investigation activities along the shoreline of BCI, the southern portion of the site along the BFOC property has been impacted by historic petroleum releases from their operations. The soil borings logs from BC-1, BC-2, and BC-3 indicate that petroleum/fuel oil contamination extends to depths of approximately 23 to 27 feet bgs which suggests that contamination has migrated from an off-site source such as the BFOC. A review of the soil boring logs suggests that the petroleum contamination detected in these 3 soil borings is limited in its lateral extent. The logs from adjacent soil borings do not indicate the presence of any visual contamination other than the presence of historic fill.

The field and analytical results obtained during the site investigation within the BCI indicate that predominantly the eastern and western portions of the BCI sediments are impacted by petroleum contamination from BFOC. The petroleum contamination within the eastern portion of BCI in the vicinity of sediment borings BCS-1 to 4 extends to a depth of 10 to 22 feet below the mud line. Depending on the tidal influence within BCI, the mud line is approximately at a depth of 16 to 24 feet below water level. Similarly, the petroleum contamination within the western portion of BCI in the vicinity of sediment borings BCS-6 and BCS-9 to BCS-11 extends to a depth of 12 to 22 feet below the mud line. The logs from adjacent sediment borings BCS-5, BCS-7 and BCS-8 located in the center of the BCI do not indicate the presence of any visual contamination.

6.0 FATE AND TRANSPORT

This section provides an analysis and discussion of the data presented in the previous sections to provide a general interpretation of the interaction between the physical and chemical processes that characterize the impacts at the Site. Through an understanding of sources, migration, pathways, and potential receptors, the potential need for remedial actions to protect human health and/or environment can be evaluated.

The following analysis takes into account the physical characteristics and surroundings of the Site, the groundwater hydrology, the site geology, the site history, the nature of the chemical compounds encountered during the sampling and analysis programs, and any apparent trends in the distribution of these materials on or adjacent to the Site. This section provides a discussion of the physical, chemical, and biological characteristics of compounds of concern (“COCs”), and a discussion of the sources, migration pathways, and receptors for these COCs associated with the Site. COCs are defined as those constituents that are present within each media at concentrations exceeding the applicable standards and generally include PAHs, arsenic, mercury, cadmium, and chromium.

The environmental media that may serve as pathways for COC migration are subsurface soil, sediments, and groundwater.

6.1 SOIL AND SEDIMENTS

PAHs and metals were identified as COCs in soils and sediments. The COCs can potentially migrate through the subsurface soil/sediment by volatilization, sorption, and solubility. Each migration pathway, as it relates to the COCs identified in subsurface soil/sediment at the Site, is discussed below.

- **Volatilization:** PAHs and metals do not readily volatilize, with the exception of naphthalene. Consequently, they are not as readily transported as soil gas. Therefore, volatilization of these compounds is not a major pathway at the Site that would affect the indoor air quality should future development include the construction of buildings.

- **Sorption:** This is usually defined as a reversible binding of a chemical to a solid matrix. However, there is evidence that there is a partially irreversible component related to the time that the compound has been sorbed to a soil matrix (GEI Consultants, 2003). Sorption of PAHs and metals limits the fraction available for other fate processes such as volatilization and solubility. PAHs exhibit varying degree of binding affinity to organic matter and soil particles; this affinity is dependent upon their individual molecular structures. In general, the heavier molecular PAHs (e.g., benzo(a)pyrene) are strongly sorbed, whereas the lighter PAHs (e.g., naphthalene) are less strongly sorbed (GEI Consultants, 2003). Therefore, the higher molecular weight PAHs are expected to remain sorbed to soils, while the lighter-end PAHs may be desorbed and transported by other mechanisms. Metals may remain sorbed to the soils and sediments depending on the metals oxidation-reduction conditions and the availability of anions that the metals could bind with. Metals that do not remain sorbed to soils could be available for transport through the groundwater system in solution.
- **Fugitive Dust:** COCs sorbed to soil particulates along the shoreline of the BCI could be transported as fugitive dust if exposed to wind erosion.
- **Solubility:** PAHs have varying degree of solubility. The lighter PAHs are more soluble while the heavier PAHs are less soluble and typically do not dissolve into groundwater. Since fuel oil contamination was encountered at or below the groundwater table or below the Site and lighter PAHs are COCs in soils, dissolution of these COCs from soil to groundwater represents a migration pathway at the Site. Shallow groundwater containing dissolved PAHs could be discharging into the East River and the Bushwick Creek. Metals in the subsurface soils could dissolve and continue to leach to the groundwater system. However, the solubility of metals is highly dependent upon the oxidation-reduction conditions of the aquifer, the valance state of the specific metal, and the availability of anions that the metals could bind with to become immobile. Dissolution of metals in the soils and transport in the dissolved state through the groundwater system is not considered to be a major transport mechanism.

In summary, the PAHs associated with the Site will be relatively persistent in the soil matrix and associated with historic fill (i.e. ash, cinders, coal) and petroleum contamination. This is primarily due to their generally low water solubility and high sorption to soils. Metals in soil are anticipated to be relatively persistent. Thus, the contaminants will not easily leach into the groundwater.

6.2 SOIL VAPOR

The evaluation of soil vapors was not conducted as part of this investigation since the scope of the project was an initial evaluation of the Site and the proposed end use of the property was a park. Thus, it was assumed that any potential volatilization would not adversely affect outdoor air quality. Should any structures be placed at the Site, the potential exists for any volatilization from organic compounds to be a potential pathway to indoor air. Based upon the results of the soil and sediment samples, this potential seems unlikely, with the exception of the southern portion of the Site along the shoreline of Bushwick Creek where minimal concentrations of VOCs were detected. If future construction in the southwestern portion of the Site should include a basement, soil vapor sampling should be performed to evaluate the potential impacts to the building occupants.

7.0 CONCEPTUAL SITE MODEL

This section discusses the conceptual site model as it pertains to the nature of the physical observations of historic fill and petroleum/fuel oil contamination, sheen and odors, migration pathways and receptors.

7.1 SOILS ALONG THE BCI SHORELINE

The data collected during this SI indicate that while the Site contains contaminated historic fill, there is an area of contamination that is associated with petroleum hydrocarbons located along the southern boundary of the Site in the location of soil borings BC-1, BC-2 and BC-3. This area has been impacted by petroleum releases from the bulk petroleum storage operations at BFOC located to the south of the Site.

The contaminants detected at the Site were introduced to the environment by a variety of means including fill mixed with ash and cinders that was brought to the Site, and documented discharges of petroleum from the operations at BFOC. These contaminants can vaporize, run-off in surface water, and/or percolate into the overburden soils. Surface water run-off at the site will tend to mirror the topography and flow overland eastward towards the East River. SVOCs and metals are more likely to be transported via run-off than VOCs. VOCs tend to partition into the vapor phase whereas the SVOCs and metals are sorbed to the soil particles and suspend in groundwater which discharges into the BCI and the East River.

Based upon the contamination detected in soil borings installed along the southern portion of the BCI and the Site's physical setting, there are 3 receptors that could be impacted as follows:

- Impacts to surface waters of the BCI and the East River;
- Impacts to human receptors from direct dermal contact, ingestion, and inhalation; and,
- Impacts of petroleum contamination to groundwater.

The BCI and the East River may be impacted through several means of transport including surface water runoff from the Site which could potentially contain contaminated sediments,

contaminated fill material carried by the wind, and discharges of contaminated groundwater flowing towards the surface waters of the BCI and the East River.

Human receptors may be exposed to contaminants via dermal contact and ingestion through swimming or wading in the BCI or the East River or through contact with the historic fill by digging or other invasive activities at the Site. Exposure by inhalation of dust blown from contaminated areas also provides an additional path to human receptors.

No monitoring wells were installed at the Site to check for groundwater quality. Based on the soil and sediment samples collected at the Site, groundwater may be impacted by petroleum contamination encountered in the subsurface soils along the southern portion of BCI.

7.2 SEDIMENTS BELOW THE BCI

Based upon the contamination detected in sediment borings installed within the eastern and western portion of BCI, there are 2 receptors that could be impacted as follows:

- Impacts to the surface waters of the BCI and the East River; and,
- Impacts to human receptors from direct dermal contact, ingestion, and inhalation.

The BCI and the East River may be impacted from the leaching of contaminants from the sediments and subsurface soils within the BCI, along with contaminated groundwater discharging contaminants to both surface water bodies.

Human receptors may be exposed to contaminants via dermal contact and ingestion through swimming or wading in the BCI and the East River or through contact with contaminated sediments by activities such as dredging. No dredging is performed at the Site.

8.0 CONCLUSIONS

The results of the SI along the shoreline of BCI indicate the following:

- The historic fill material observed at the boring locations along the BCI shoreline is 11 to 19 feet thick and mainly consists of sand with gravel, brick, ash and cinder fill. Though the origin of this material can not be identified, the presence of ash and cinders in the fill is likely attributed to former industrial and residential wastes generated when the primary fuel source was coal. Ash and cinder residue was typically mixed with construction debris and sand and silt, and used to fill in low-lying areas, such as along any of the rivers and streams throughout the city. The native soil extends down from a depth of approximately 20 ft bgs and primarily consists of organic silt, sand, silts, and clayey-silt mixtures;
- Based on field screening methods and visual observations made during the field investigation program, petroleum odor and contamination was encountered in borings BC-1, BC-2, and BC-3 from depths of approximately 5 to 27 feet bgs. These borings were located along the southern boundary of BCI which abuts the BFOC. Previous environmental investigations conducted at the BFOC identified the presence of petroleum contamination within the soil;
- VOCs consisting of isopropylbenzene, n-propylbenzene, tert-butylbenzene, sec-butylbenzene, n-butylbenzene, and naphthalene were detected in three (3) of the 18 soil samples collected along the shoreline of BCI in borings BC-2, BC-3, and BC-5. Naphthalene was detected at concentrations above the TAGM RSCO, TAGM SCOPGQ, while the remaining compounds including naphthalene were detected above the STARS TCLP Alternative Guidance Values. The detection of elevated VOCs are likely the result of historical petroleum releases from the BFOC site and potentially from historical releases from the former MGP;
- SVOCs consisting predominantly of PAHs were detected in 6 of the 18 soil samples collected along the shoreline of BCI at concentrations above either the TAGM RSCO,

TAGM SCOPGO, and/or STARS TCLP Alternative Guidance Values in borings BC-2, BC-3, BC-4 and BC-5. The detections of elevated SVOCs are likely the result of historical petroleum releases from the BFOC site and potentially from historical releases from the former MGP. The detections of SVOCs in the remaining soil borings may be attributed to both the previously identified petroleum releases at the BFOC site as well as contaminants from historic fill material placed at the Site;

- No PCBs were detected in the soil samples above the NYSDEC TAGM criteria;
- Metals consisting of arsenic, cadmium, chromium, copper, mercury, lead, nickel, and zinc were detected in 16 of the 18 soil samples above NYSDEC RSCO and Eastern U.S. Background criteria (as identified in TAGM 4046) in borings BC-1 through BC-8 collected at the Site. The elevated concentrations of metals are likely attributed to contaminants from historic fill placed at the Site;
- The detection of VOCs, and SVOCs above the NYSDEC TAGM criteria and STARS TCLP Alternative Guidance Values indicate that the soil has been impacted by petroleum releases from the BFOC operations located to the south of the Site or from contamination in historic fill material (consisting of ash and cinders) which typically contains elevated levels of PAHs. Though SVOCs were detected in majority of the soil samples, elevated levels of SVOCs were detected in 4 borings (BC-2, BC-3, BC-4, and BC-5). Thus, there is a limited, potential exposure risk during construction activities, especially in the areas where SVOCs were elevated;
- A limited exposure risk is also posed by metals such as arsenic, cadmium, chromium, mercury, lead, nickel, and zinc which were detected above the RSCO and Eastern U.S. Background criteria. The presence of these compounds, along with other contaminants detected below NYSDEC criteria suggests that the source of these metals is from historic fill material placed at the Site;
- One composite soil sample and 1 composite water sample were analyzed for hazardous waste characteristics including full TCLP analysis to evaluate waste characteristics of soil cuttings and equipment decontamination water generated during the SI activities. The

results of the composite samples revealed no detections of compounds above RCRA hazardous waste levels. Consequently, the soil cuttings and decontamination water generated during the field investigation at the Site are considered non-hazardous for the purpose of waste classification; and,

The site is surrounded by a chain link fence on the northern, southern, and eastern sides of the Site and the East River borders the Site to the west. Since access to the Site is restricted and no subsurface excavation activities are occurring at the Site, there are no direct pathways for contact with contaminants by local residents or employees at the Site. Additionally, there are no subsurface structures such as basements present at the Site and therefore, concentrations of VOCs in the soil gas may not pose a concern for employees at the Site. Therefore, the current condition of the Site does not appear to pose a significant health risk for local residents.

The sediment sample results of the SI activities conducted within Bushwick Creek were also compared to the NYSDEC TAGM criteria and STARS TCLP Alternative Guidance Value criteria. The results of the samples indicate the following:

- Depending upon the tides, the depth to the top of mud line ranged from approximately 11 to 24 feet below the deck of the barge. The depth of the mud ranged from 10 to 26 feet thick and mainly consisted of black organic silt, clay, and sand. The native soil extended from approximately 10 to 25 feet below the mud line and consisted of sand, gravel, and clayey-silt mixtures;
- Based on field screening and visual observations made during the field investigation, petroleum odor and contamination was encountered in borings BCS-1, BCS-2, BCS-3, BCS-4, BCS-6, BCS-9, BCS-10, and BCS-11 from depths of approximately 4 to 22 feet below the mud line. These borings are located in the eastern and western portions of the BCI;
- TCL VOCs consisting of benzene, ethylbenzene, m&p-xylene, o-xylene, isopropylbenzene, 1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene, sec-butylbenzene, n-

butylbenzene, and naphthalene were detected in 8 of the 22 sediment samples above either the TAGM RSCO, TAGM SCOPGQ, and/or STARS TCLP Alternative Guidance Values in borings BCS-1, BCS-2, BCS-3, BCS-5, BCS-6, BCS-8, BCS-9, and BCS-11. The detection of elevated VOCs likely the result of previously identified petroleum releases from the BFOC site, though undocumented historic discharges from the former MGP and the industrial operations along the East River may also have impacted the sediments within the creek;

- TCL SVOCs consisting of predominantly PAHs were detected in eleven of the 22 sediment samples above the TAGM RSCO, TAGM SCOPGO, and/or STARS TCLP Alternative Guidance Values in borings BCS-1 through BCS-11. The elevated levels of SVOCs were detected in the shallow samples collected from the borings. SVOCs were not detected in any of the deeper samples collected from the creek. The detections of elevated SVOCs may be attributed to petroleum releases from the BFOC and the former MGP sites, contaminants in historic fill material that may have been deposited in the creek, surface water runoff containing contaminants entering the creek, and historic impacts due to the industrial operations along the East River;
- No PCBs were detected in the sediment samples above the NYSDEC TAGM criteria;
- Metals consisting of arsenic, cadmium, chromium, copper, mercury, lead, nickel, selenium, and zinc were detected in all the sediment samples above NYSDEC RSCO and Eastern U.S. Background criteria (as identified in TAGM 4046) in borings BCS-1 through BCS-8 collected at the Site. The metals are likely attributed to contaminants in historic fill deposited in the creek, as well as undocumented discharges from historic industrial activities along the East River;
- The detections of VOCs and SVOCs above their respective NYSDEC TAGM criteria and/or STARS TCLP Alternative Guidance Value criteria indicate that the majority of the contamination detected in the sediments is likely from the known petroleum releases from the BFOC and former MGP operations. Additional sources of contamination may be a result of contaminants in historic fill material used to backfill portions of the creek,

surface water runoff containing contaminants, and undocumented discharges from historic industrial activities along the East River. Since these contaminants are located underwater, they do not pose a significant health risk for local residents.

- A limited exposure risk is also posed by metals such as arsenic, cadmium, chromium, mercury, lead, nickel, and zinc which were detected above the NYSDEC TAGM criteria and TAGM Eastern U.S. Background Criteria. The presence of these compounds, along with other metals detected below NYSDEC criteria suggests that the source of these metals is likely from a combination of historic fill material as well as from contamination from adjacent properties and historic industrial operations along the East River;
- Two composite sediment sample and 1 composite water sample were analyzed for RCRA hazardous waste characteristics including full TCLP analysis to evaluate waste characteristics of soil cuttings and equipment decontamination water, respectively, generated during the SI activities. The results of the composite samples revealed no detections of compounds above RCRA hazardous waste levels. Consequently, the drilling cuttings generated from the borings advanced within the Bushwick Creek and decontamination water generated at the Site are considered non-hazardous for the purpose of waste classification; and,
- Since the sediment samples were collected at depth beneath Bushwick Creek and there are no dredging or excavation activities taking place, the creek does not appear to pose a significant health risk for local residents.

9.0 REFERENCES

ATC Associates, Inc. *Summary of the Hydrogeology of the Five Boroughs of New York City*,
September 2003

GEI Consultants, Inc. *Draft Remedial Investigation Report, Carroll Gardens/Public Place*,
Brooklyn, New, December 2003

Fleming-Lee Shue, *Phase I Environmental Site Assessment Report – Proposed Williamsburg
Park, Brooklyn, New, December 2003*

FIGURES

APPENDIX A

SITE PHOTOGRAPHS

APPENDIX B

BORING LOGS

APPENDIX C

DAILY FIELD REPORTS

APPENDIX D

COMMUNITY AIR MONITORING DATA LOGS

APPENDIX E

CHAIN OF CUSTODY

APPENDIX F

LABORATORY DATA REPORTS

TABLES

TABLE 1

SOIL ANALYTICAL RESULTS

VOLATILE ORGANIC COMPOUNDS

TABLE 2
SOIL ANALYTICAL RESULTS
SEMI-VOLATILE ORGANIC COMPOUNDS

TABLE 3

SOIL ANALYTICAL RESULTS

POLYCHLORINATED BIPHENYLS

TABLE 4
SOIL ANALYTICAL RESULTS
TARGET ANALYTE LIST METALS

TABLE 5

SEDIMENT ANALYTICAL RESULTS

VOLATILE ORGANIC COMPOUNDS

TABLE 6

SEDIMENT ANALYTICAL RESULTS

SEMI-VOLATILE ORGANIC COMPOUNDS

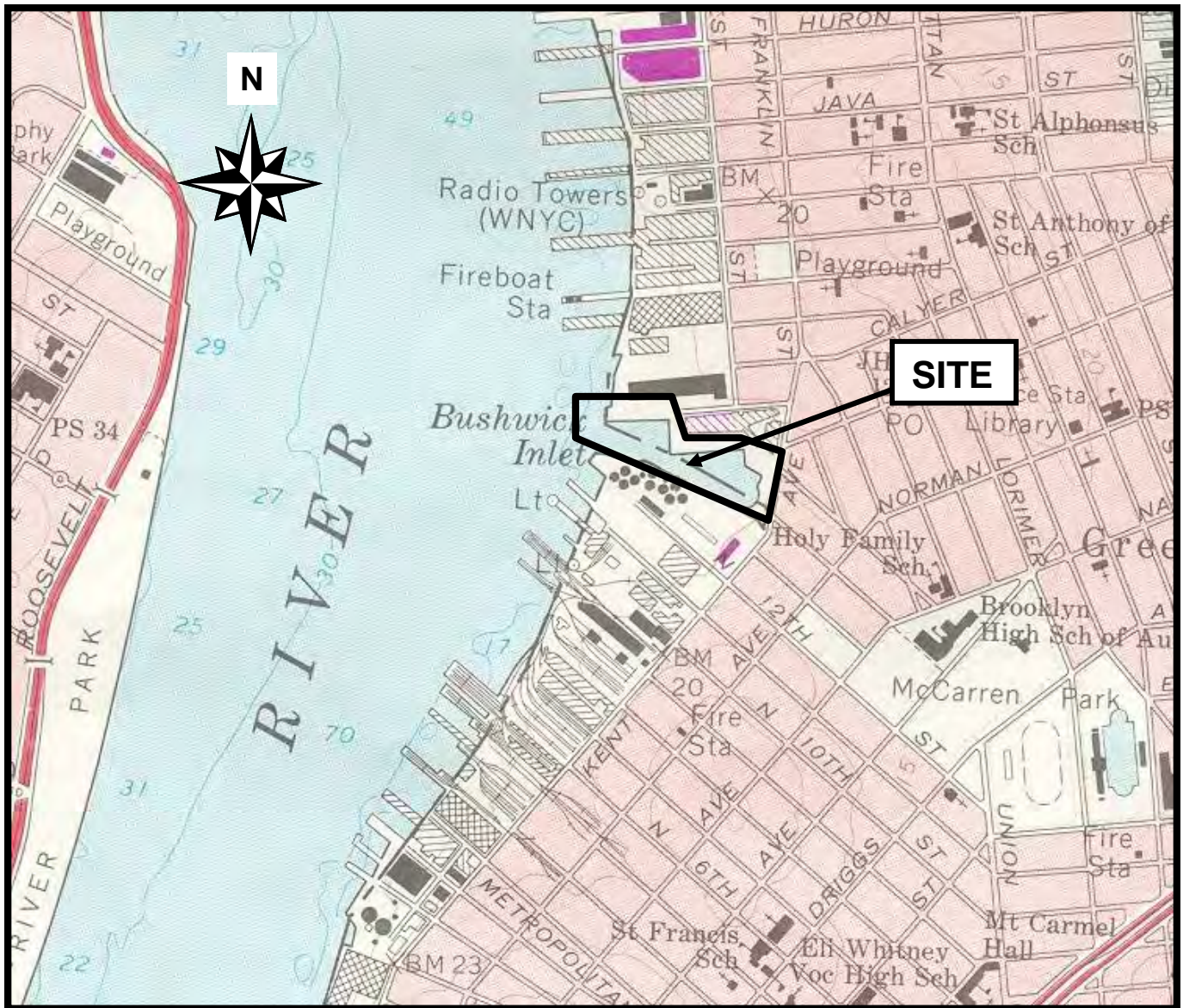
TABLE 7

SEDIMENT ANALYTICAL RESULTS

POLYCHLORINATED BIPHENYLS

TABLE 8
SEDIMENT ANALYTICAL RESULTS
TARGET ANALYTE LIST METALS

TABLE 9
WASTE CLASSIFICATION
ANALYTICAL RESULTS

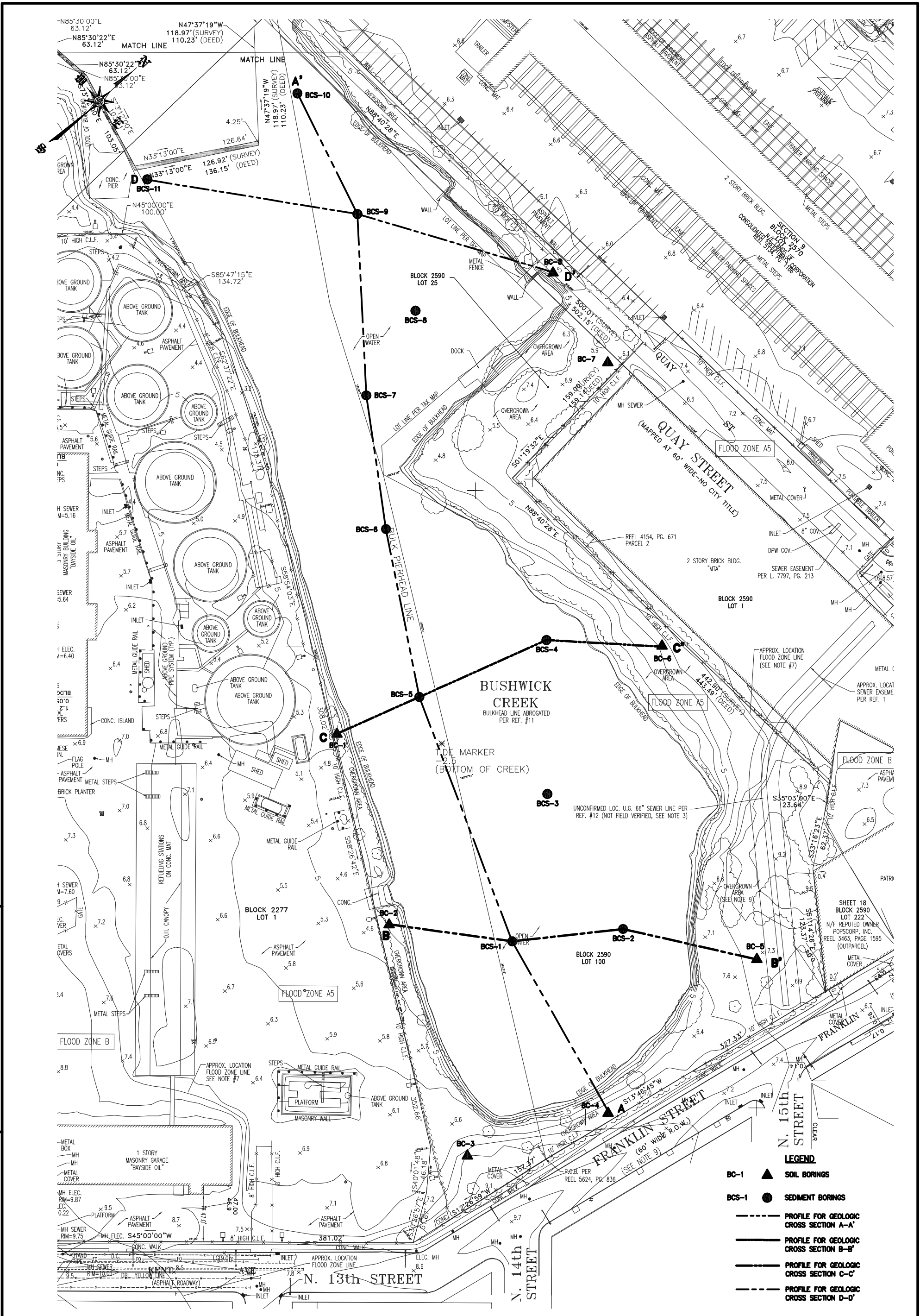


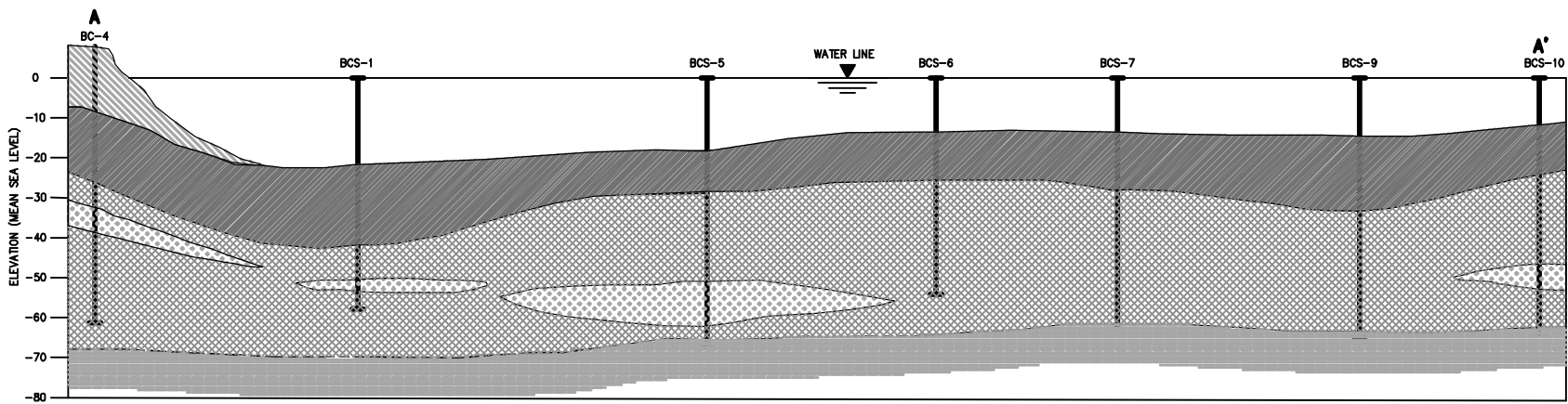
Brooklyn, NY
7.5 Minute U.S.G.S. Quadrangle – 1967, photorevised 1979

METCALF & EDDY | **AECOM**

WOL NOS. 3099-M&E2R-3252
3099-M&E2R-3515
3099-M&E2R-3923

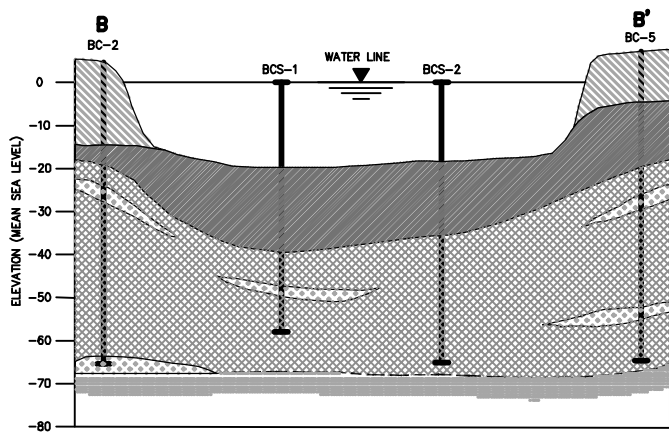
Figure 1
Site Location Map
Motiva Enterprises LLC/Bushwick Creek Inlet
86 Kent Avenue
Brooklyn, New York





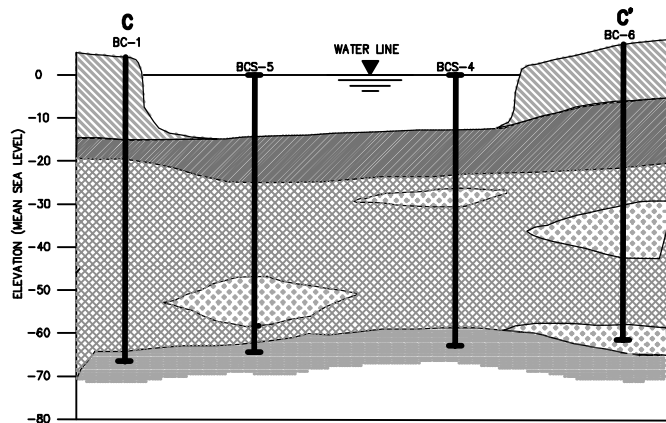
GEOLOGIC CROSS SECTION
A-A'

SCALE: HORIZONTAL 1"=60'
VERTICAL 1"=20'



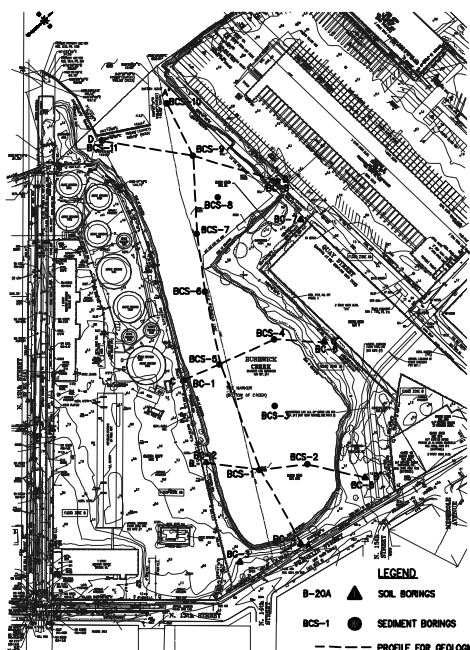
GEOLOGIC CROSS SECTION
B-B'

SCALE: HORIZONTAL 1"=60'
VERTICAL 1"=20'



GEOLOGIC CROSS SECTION
C-C'

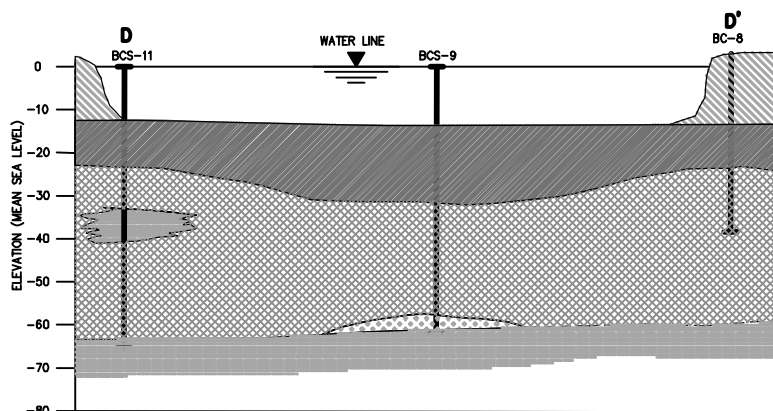
SCALE: HORIZONTAL 1"=60'
VERTICAL 1"=20'



SITE PLAN
SCALE: 1"=200'

LEGEND

- HISTORIC FILL CONSISTING OF GRAY TO BLACK SAND, ASH, CINDERS AND DEBRIS
- BLACK ORGANIC SILT
- BROWN TO GRAY FINE TO COARSE SAND TRACE TO SOME SILT
- BROWN TO GRAY CLAYEY SAND, SILTY CLAY OR SILT
- RED/WHITE CLAY TRACE TO SOME SILT
- INFERRED GEOLOGIC CONTACT



GEOLOGIC CROSS SECTION
D-D'

SCALE: HORIZONTAL 1"=60'
VERTICAL 1"=20'

METCALF & EDDY | AECOM

DESIGNED BY:
E. ACS
DRAWN BY:
B. PAPA
DEPT. CHECK:
S. MUSTHYALA
PROJ. CHECK:
N. ABRAMS

SCALE:

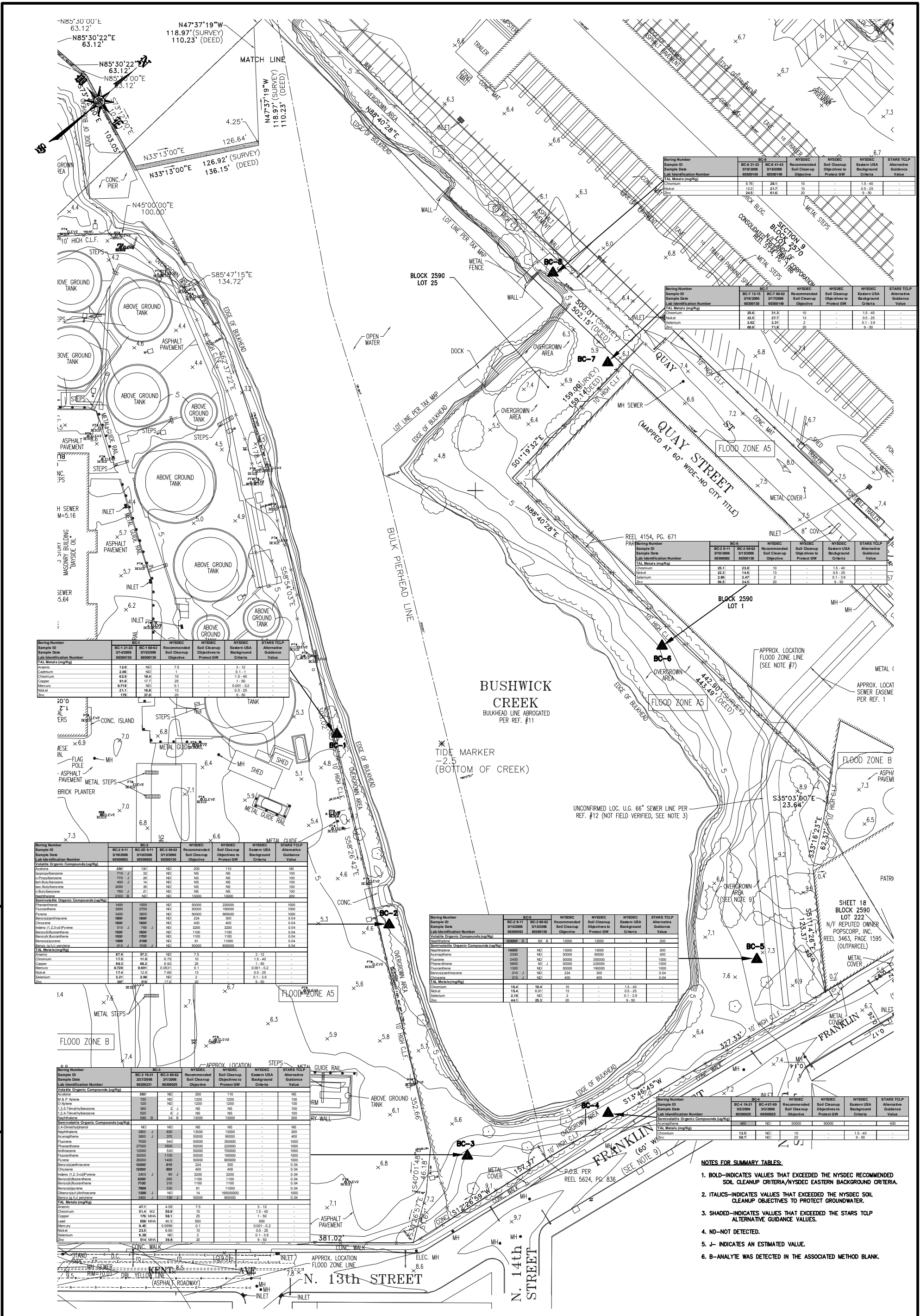
AS NOTED

UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

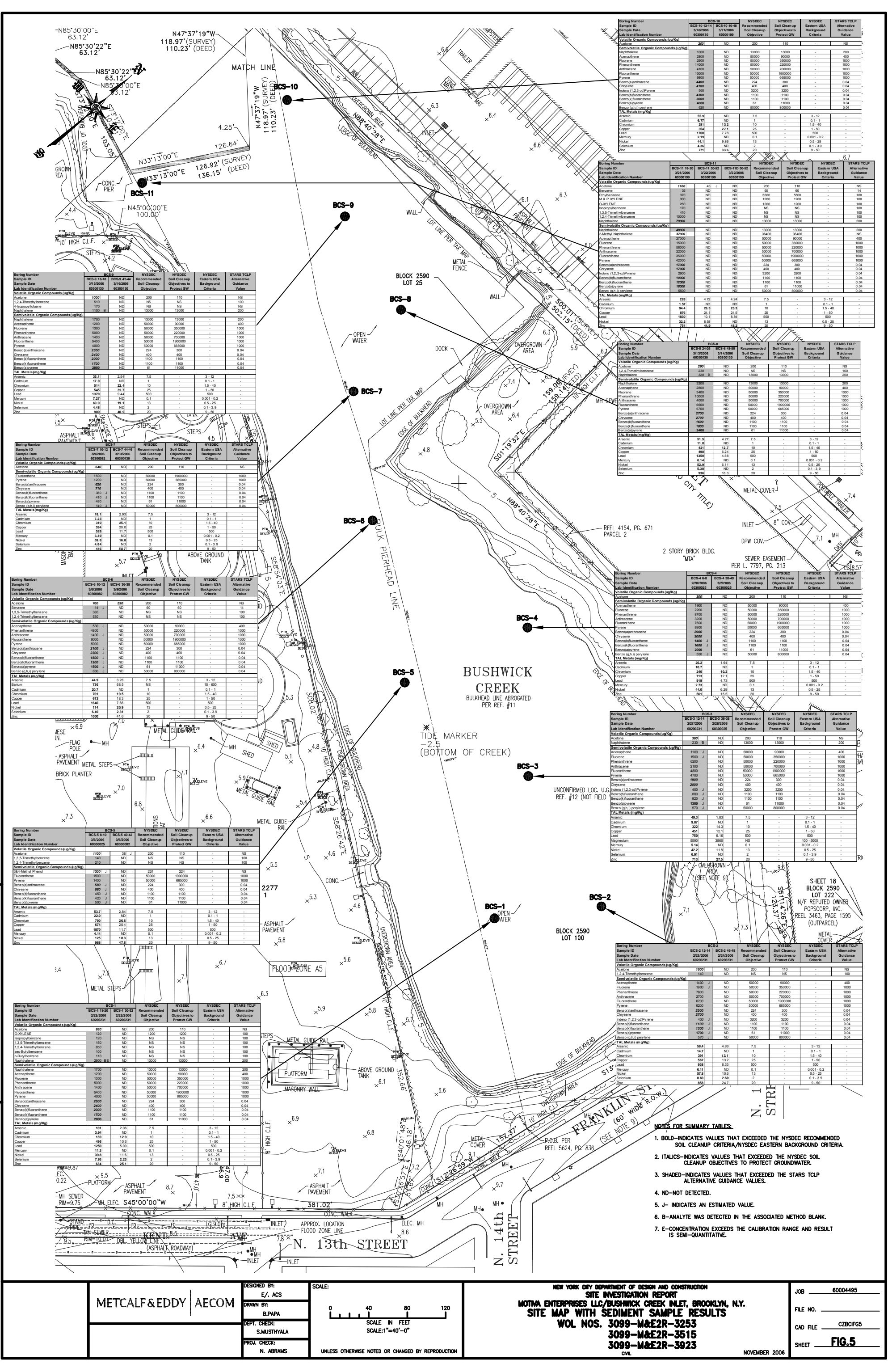
NEW YORK CITY DEPARTMENT OF DESIGN AND CONSTRUCTION
SITE INVESTIGATION REPORT
MOTVA ENTERPRISES LLC/BUSHWICK CREEK INLET, BROOKLYN, N.Y.
GEOLOGIC CROSS SECTIONS
WOL NOS. 3099-M&E2R-3253
3099-M&E2R-3515
3099-M&E2R-3923
CIVIL

JOB 60004495
FILE NO.
CAD FILE CZBCIFG3
SHEET **FIG. 3**

NOVEMBER 2006



- NOTES FOR SUMMARY TABLES:
1. BOLD-INDICATES VALUES THAT EXCEEDED THE NYSDC RECOMMENDED SOIL CLEANUP CRITERIA/NYSDC EASTERN BACKGROUND CRITERIA.
 2. ITALICS-INDICATES VALUES THAT EXCEEDED THE NYSDC SOIL CLEANUP OBJECTIVES TO PROTECT GROUNDWATER.
 3. SHADED-INDICATES VALUES THAT EXCEEDED THE STARS TCLP ALTERNATIVE GUIDANCE VALUES.
 4. ND-NOT DETECTED.
 5. J- INDICATES AN ESTIMATED VALUE.
 6. B-ANALYTE WAS DETECTED IN THE ASSOCIATED METHOD BLANK.



Boring Number	Sample ID	Sample Date	Lab Identification Number	Volatiles Organic Compounds (ug/Kg)	Semivolatile Organic Compounds (ug/Kg)	TAL Metals (mg/Kg)	NYSDEC Recommended Soil Cleanup Objectives to Protect GW	NYSDEC Eastern USA Background Criteria	STARS TCLP Alternative Guidance Value
BCS-9	16	3/15/2006	6030019	1000	ND	1000	110	-	NS
Volatiles Organic Compounds (ug/Kg)									
Semi-volatile Organic Compounds (ug/Kg)									
TAL Metals (mg/Kg)									

Boring Number	Sample ID	Sample Date	Lab Identification Number	Volatiles Organic Compounds (ug/Kg)	Semivolatile Organic Compounds (ug/Kg)	TAL Metals (mg/Kg)	NYSDEC Recommended Soil Cleanup Objectives to Protect GW	NYSDEC Eastern USA Background Criteria	STARS TCLP Alternative Guidance Value
BCS-7	10	3/15/2006	6030019	440	ND	200	110	-	NS
Volatiles Organic Compounds (ug/Kg)									
Semi-volatile Organic Compounds (ug/Kg)									
TAL Metals (mg/Kg)									

Boring Number	Sample ID	Sample Date	Lab Identification Number	Volatiles Organic Compounds (ug/Kg)	Semivolatile Organic Compounds (ug/Kg)	TAL Metals (mg/Kg)	NYSDEC Recommended Soil Cleanup Objectives to Protect GW	NYSDEC Eastern USA Background Criteria	STARS TCLP Alternative Guidance Value
BCS-6	10	3/15/2006	6030019	760	ND	200	110	-	NS
Volatiles Organic Compounds (ug/Kg)									
Semi-volatile Organic Compounds (ug/Kg)									
TAL Metals (mg/Kg)									

Boring Number	Sample ID	Sample Date	Lab Identification Number	Volatiles Organic Compounds (ug/Kg)	Semivolatile Organic Compounds (ug/Kg)	TAL Metals (mg/Kg)	NYSDEC Recommended Soil Cleanup Objectives to Protect GW	NYSDEC Eastern USA Background Criteria	STARS TCLP Alternative Guidance Value
BCS-8	9	3/15/2006	6030019	1100	ND	200	110	-	NS
Volatiles Organic Compounds (ug/Kg)									
Semi-volatile Organic Compounds (ug/Kg)									
TAL Metals (mg/Kg)									

Boring Number	Sample ID	Sample Date	Lab Identification Number	Volatiles Organic Compounds (ug/Kg)	Semivolatile Organic Compounds (ug/Kg)	TAL Metals (mg/Kg)	NYSDEC Recommended Soil Cleanup Objectives to Protect GW	NYSDEC Eastern USA Background Criteria	STARS TCLP Alternative Guidance Value
BCS-1	15	3/15/2006	6030019	890	ND	200	110	-	NS
Volatiles Organic Compounds (ug/Kg)									
Semi-volatile Organic Compounds (ug/Kg)									
TAL Metals (mg/Kg)									

Boring Number	Sample ID	Sample Date	Lab Identification Number	Volatiles Organic Compounds (ug/Kg)	Semivolatile Organic Compounds (ug/Kg)	TAL Metals (mg/Kg)	NYSDEC Recommended Soil Cleanup Objectives to Protect GW	NYSDEC Eastern USA Background Criteria	STARS TCLP Alternative Guidance Value
BCS-10	15	3/15/2006	6030019	200	ND	200	110	-	NS
Volatiles Organic Compounds (ug/Kg)									
Semi-volatile Organic Compounds (ug/Kg)									
TAL Metals (mg/Kg)									

Boring Number	Sample ID	Sample Date	Lab Identification Number	Volatiles Organic Compounds (ug/Kg)	Semivolatile Organic Compounds (ug/Kg)	TAL Metals (mg/Kg)	NYSDEC Recommended Soil Cleanup Objectives to Protect GW	NYSDEC Eastern USA Background Criteria	STARS TCLP Alternative Guidance Value
BCS-11	15	3/15/2006	6030019	1100	ND	200	110	-	NS
Volatiles Organic Compounds (ug/Kg)									
Semi-volatile Organic Compounds (ug/Kg)									
TAL Metals (mg/Kg)									

Boring Number	Sample ID	Sample Date	Lab Identification Number	Volatiles Organic Compounds (ug/Kg)	Semivolatile Organic Compounds (ug/Kg)	TAL Metals (mg/Kg)	NYSDEC Recommended Soil Cleanup Objectives to Protect GW	NYSDEC Eastern USA Background Criteria	STARS TCLP Alternative Guidance Value
BCS-8	15	3/15/2006	6030019	290	ND	200	110	-	NS
Volatiles Organic Compounds (ug/Kg)									
Semi-volatile Organic Compounds (ug/Kg)									
TAL Metals (mg/Kg)									

Boring Number	Sample ID	Sample Date	Lab Identification Number	Volatiles Organic Compounds (ug/Kg)	Semivolatile Organic Compounds (ug/Kg)	TAL Metals (mg/Kg)	NYSDEC Recommended Soil Cleanup Objectives to Protect GW	NYSDEC Eastern USA Background Criteria	STARS TCLP Alternative Guidance Value
BCS-4	15	3/15/2006	6030019	300	ND	200	110	-	NS
Volatiles Organic Compounds (ug/Kg)									
Semi-volatile Organic Compounds (ug/Kg)									
TAL Metals (mg/Kg)									

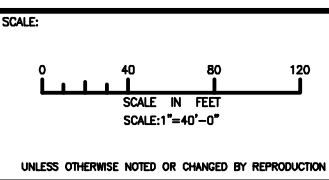
Boring Number	Sample ID	Sample Date	Lab Identification Number	Volatiles Organic Compounds (ug/Kg)	Semivolatile Organic Compounds (ug/Kg)	TAL Metals (mg/Kg)	NYSDEC Recommended Soil Cleanup Objectives to Protect GW	NYSDEC Eastern USA Background Criteria	STARS TCLP Alternative Guidance Value
BCS-3	15	3/15/2006	6030019	300	ND	200	110	-	NS
Volatiles Organic Compounds (ug/Kg)									
Semi-volatile Organic Compounds (ug/Kg)									
TAL Metals (mg/Kg)									

Boring Number	Sample ID	Sample Date	Lab Identification Number	Volatiles Organic Compounds (ug/Kg)	Semivolatile Organic Compounds (ug/Kg)	TAL Metals (mg/Kg)	NYSDEC Recommended Soil Cleanup Objectives to Protect GW	NYSDEC Eastern USA Background Criteria	STARS TCLP Alternative Guidance Value
BCS-2	15	3/15/2006	6030019	1600	ND	200	110	-	NS
Volatiles Organic Compounds (ug/Kg)									
Semi-volatile Organic Compounds (ug/Kg)									
TAL Metals (mg/Kg)									

- NOTES FOR SUMMARY TABLES:
- BOLD-INDICATES VALUES THAT EXCEEDED THE NYSDEC RECOMMENDED SOIL CLEANUP CRITERIA/NYSDEC EASTERN BACKGROUND CRITERIA.
 - ITALICS-INDICATES VALUES THAT EXCEEDED THE STARS TCLP ALTERNATIVE GUIDANCE VALUES.
 - SHADED-INDICATES VALUES THAT EXCEEDED THE STARS TCLP ALTERNATIVE GUIDANCE VALUES.
 - ND-NOT DETECTED.
 - J- INDICATES AN ESTIMATED VALUE.
 - B-ANALYTE WAS DETECTED IN THE ASSOCIATED METHO BLANK.
 - E-CONCENTRATION EXCEEDS THE CALIBRATION RANGE AND RESULT IS SEMI-QUANTITATIVE.

METCALF & EDDY | AECOM

DESIGNED BY:
E. ACS
DRAWN BY:
B.PAPA
DEPI. CHECK:
S.MUSTHYALA
PROJ. CHECK:
N. ABRAMS



NEW YORK CITY DEPARTMENT OF DESIGN AND CONSTRUCTION
SITE INVESTIGATION REPORT
MOTNA ENTERPRISES LLC/BUSHWICK CREEK INLET, BROOKLYN, N.Y.
SITE MAP WITH SEDIMENT SAMPLE RESULTS
WOL NOS. 3099-M&E2R-3253
3099-M&E2R-3515
3099-M&E2R-3923
CIVIL
NOVEMBER 2006

JOB: 60004495
FILE NO.:
CAD FILE: CZBCFG5
SHEET: FIG.5

Table 1
Summary of Analytical Results - Soil
Volatile Organic Compounds (VOCs)
Bushwick Creek Inlet Site Investigation

Boring Number	BC-1	BC-1	BC-2	BC-2	BC-2	NYSDEC	NYSDEC	STARS TCLP
Sample ID	BC-1 21-23	BC-1 60-62	BC-2 9-11	BC-2D 9-11	BC-2 60-62	Recommended	Soil Cleanup	Alternative
Sample Date	3/14/2006	3/15/2006	3/10/2006	3/10/2006	3/13/2006	Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60300130	60300130	60300082	60300082	60300130	Objective	Protect GW	Value
Volatile Organic Compounds (ug/Kg)								
Acetone	ND	ND	250	130	ND	200	110	NS
Carbon Disulfide	ND	ND	67	ND	ND	2700	2700	NS
Toluene	ND	ND	ND	ND	ND	1500	1500	100
2-Hexanone	ND	ND	ND	ND	ND	10000	10000	NS
Ethylbenzene	ND	ND	ND	4 J	ND	5500	5500	100
M & P Xylene	ND	ND	ND	16 J	ND	1200	1200	100
O-Xylene	ND	ND	ND	5 J	ND	1200	1200	100
Styrene	ND	ND	ND	ND	ND	10000	10000	NS
Isopropylbenzene	ND	ND	710 J	32	ND	2300	2300	100
n-Propylbenzene	ND	ND	770 J	29	ND	3700	3700	100
1,3,5-Trimethylbenzene	ND	ND	ND	8 J	ND	3300	3300	100
tert-Butylbenzene	ND	ND	490 J	14	ND	10000	11000	100
1,2,4-Trimethylbenzene	ND	ND	13	51	ND	10000	13000	100
sec-Butylbenzene	ND	ND	2000	39	ND	10000	11000	100
4-Isopropyltoluene	ND	ND	750 J	ND	ND	10000	10000	NS
n-Butylbenzene	ND	ND	780 J	21	ND	10000	12000	100
Naphthalene	ND	ND	2100 B	ND	ND	13000	13000	200

Table 1
Summary of Analytical Results - Soil
Volatile Organic Compounds (VOCs)
Bushwick Creek Inlet Site Investigation

Boring Number	BC-3	BC-3	BC-4	BC-4	BC-5	NYSDEC	NYSDEC	STARS TCLP
Sample ID	BC-3 19-21	BC-3 60-62	BC-4 19-21	BC-4 67-69	BC-5 17-19	Recommended	Soil Cleanup	Alternative
Sample Date	2/27/2006	3/1/2006	3/2/2006	3/3/2006	3/6/2006	Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60200231	60300025	60300025	60300025	60300082	Objective	Protect GW	Value
Volatile Organic Compounds (ug/Kg)								
Acetone	550	ND	ND	ND	74	200	110	NS
Carbon Disulfide	ND	ND	ND	ND	ND	2700	2700	NS
Toluene	ND	ND	ND	ND	2 J	1500	1500	100
2-Hexanone	ND	ND	ND	ND	ND	10000	10000	NS
Ethylbenzene	36	ND	ND	ND	6 J	5500	5500	100
M & P Xylene	150	ND	ND	ND	16 J	1200	1200	100
O-Xylene	120	ND	ND	ND	10 J	1200	1200	100
Styrene	ND	ND	ND	ND	3 J	10000	10000	NS
Isopropylbenzene	35	ND	ND	ND	2 J	2300	2300	100
n-Propylbenzene	30	ND	ND	ND	ND	3700	3700	100
1,3,5-Trimethylbenzene	390	2 J	ND	ND	19	3300	3300	100
tert-Butylbenzene	ND	ND	ND	ND	ND	10000	11000	100
1,2,4-Trimethylbenzene	520	6 J	ND	ND	41	10000	13000	100
sec-Butylbenzene	ND	ND	ND	ND	ND	10000	11000	100
4-Isopropyltoluene	140	3 J	ND	ND	9 J	10000	10000	NS
n-Butylbenzene	16 J	ND	ND	ND	ND	10000	12000	100
Naphthalene	590 B	34 B	ND	ND	120000 B	13000	13000	200

Table 1
Summary of Analytical Results - Soil
Volatile Organic Compounds (VOCs)
Bushwick Creek Inlet Site Investigation

Boring Number	BC-5	BC-6	BC-6	BC-7	BC-7	NYSDEC	NYSDEC	STARS TCLP
Sample ID	BC-5 55-57	BC-6 19-21	BC-6 60-62	BC-7 13-15	BC-7 60-62	Recommended	Soil Cleanup	Alternative
Sample Date	3/7/2006	3/8/2006	3/9/2006	3/16/2006	3/17/2006	Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60300082	60300082	60300082	60300130	60300149	Objective	Protect GW	Value
Volatile Organic Compounds (ug/Kg)								
Acetone	ND	ND	ND	ND J	ND	200	110	NS
Carbon Disulfide	ND	ND	ND	ND	ND	2700	2700	NS
Toluene	ND	ND	ND	ND	ND	1500	1500	100
2-Hexanone	ND	ND	47	ND	ND	10000	10000	NS
Ethylbenzene	ND	ND	ND	ND	ND	5500	5500	100
M & P Xylene	ND	ND	ND	ND	5 J	1200	1200	100
O-Xylene	ND	ND	ND	ND	ND	1200	1200	100
Styrene	ND	ND	ND	ND	ND	10000	10000	NS
Isopropylbenzene	ND	ND	ND	ND	ND	2300	2300	100
n-Propylbenzene	ND	ND	ND	ND	ND	3700	3700	100
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	3300	3300	100
tert-Butylbenzene	ND	ND	ND	ND	ND	10000	11000	100
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	10000	13000	100
sec-Butylbenzene	ND	ND	ND	ND	ND	10000	11000	100
4-Isopropyltoluene	ND	ND	ND	ND	ND	10000	10000	NS
n-Butylbenzene	ND	ND	ND	ND	ND	10000	12000	100
Naphthalene	69 B	ND	ND	ND	ND	13000	13000	200

Table 1
Summary of Analytical Results - Soil
Volatile Organic Compounds (VOCs)
Bushwick Creek Inlet Site Investigation

Boring Number	BC-8	BC-8	NYSDEC	NYSDEC	STARS TCLP
Sample ID	BC-8 31-33	BC-8 41-43	Recommended	Soil Cleanup	Alternative
Sample Date	3/18/2006	3/18/2006	Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60300149	60300149	Objective	Protect GW	Value
Volatile Organic Compounds (ug/Kg)					
Acetone	ND	ND	200	110	NS
Carbon Disulfide	ND	ND	2700	2700	NS
Toluene	ND	ND	1500	1500	100
2-Hexanone	ND	ND	10000	10000	NS
Ethylbenzene	ND	ND	5500	5500	100
M & P Xylene	4 J	ND	1200	1200	100
O-Xylene	ND	ND	1200	1200	100
Styrene	ND	ND	10000	10000	NS
Isopropylbenzene	ND	ND	2300	2300	100
n-Propylbenzene	ND	ND	3700	3700	100
1,3,5-Trimethylbenzene	ND	ND	3300	3300	100
tert-Butylbenzene	ND	ND	10000	11000	100
1,2,4-Trimethylbenzene	ND	ND	10000	13000	100
sec-Butylbenzene	ND	ND	10000	11000	100
4-Isopropyltoluene	ND	ND	10000	10000	NS
n-Butylbenzene	ND	ND	10000	12000	100
Naphthalene	ND	ND	13000	13000	200

Notes:

- (1) Bold - Indicates value that exceeded the NYSDEC TAGM 4046 Recommended Soil Cleanup Objectives.
- (2) Italic - Indicates value that exceeded the NYSDEC TAGM 4046 Soil Cleanup Objectives to Protect Groundwater
- (3) Shaded - Indicates value that exceeded the STARS TCLP Alternative Guidance Value.
- (4) ND - Non-detected above laboratory method detection limit.
- (5) NS - No Standard.
- (6) B - Indicates the analyte was found in the blank.
- (7) J - Indicates an estimated value.

Table 2
Summary of Analytical Results - Soil
Semi-volatile Organic Compounds (SVOCs)
Bushwick Creek Inlet Site Investigation

Boring Number Sample ID Sample Date Lab Identification Number	BC-1 BC-1 21-23 3/14/2006 60300130	BC-1 BC-1 60-62 3/15/2006 60300130	BC-2 BC-2 9-11 3/10/2006 60300082	BC-2 BC-2D 9-11 3/10/2006 60300082	BC-2 BC-2 60-62 3/13/2006 60300130	NYSDEC Recommended Soil Cleanup Objective	NYSDEC Soil Cleanup Objectives to Protect GW	STARS TCLP Alternative Guidance Value
Semivolatile Organic Compounds (ug/Kg)								
2,4-Dimethylphenol	ND	ND	ND	ND	ND	50000	50000	NS
Naphthalene	ND	ND	ND	ND	ND	13000	13000	200
2-Methyl Naphthalene	ND	ND	ND	250 J	ND	36400	36400	NS
Acenaphthylene	ND	ND	ND	ND	ND	50000	103000	NS
Acenaphthene	ND	ND	ND	ND	ND	50000	92000	400
Dibenzofuran	ND	ND	ND	ND	ND	6200	6200	NS
Fluorene	ND	ND	ND	ND	ND	50000	365000	1000
Phenanthrene	ND	ND	1400	1500	ND	50000	218000	1000
Anthracene	ND	ND	510 J	570 J	ND	50000	700000	1000
Carbazole	ND	ND	ND	ND	ND	50000	50000	NS
Fluoranthene	210	ND	3000	2700	ND	50000	1900000	1000
Pyrene	210	ND	3400	3800	ND	50000	665000	1000
Benzo(a)anthracene	ND J	ND	1800	1800	ND	224	2800	0.04
Chrysene	ND J	ND	1600	1600	ND	400	400	0.04
bis(2-Ethylhexyl)phthalate	ND J	ND	320 J	ND	ND	50000	435000	NS
Indeno (1,2,3-cd)Pyrene	ND	ND	510 J	760 J	ND	3200	3200	0.04
Benzo(b)fluoranthene	ND J	ND	1500	1600	ND	220	1100	0.04
Benzo(k)fluoranthene	ND J	ND	1500	1700	ND	220	1100	0.04
Benzo(a)pyrene	ND J	ND	1800	2100	ND	61	11000	0.04
Dibenzo(a,h)Anthracene	ND	ND	ND	330 J	ND	14	165000000	1000
Benzo (g,h,i) perylene	ND	ND	810 J	1000 J	ND	50000	8000000	0.04

Table 2
Summary of Analytical Results - Soil
Semi-volatile Organic Compounds (SVOCs)
Bushwick Creek Inlet Site Investigation

Boring Number Sample ID Sample Date Lab Identification Number	BC-3 BC-3 19-21 2/27/2006 60200231	BC-3 BC-3 60-62 3/1/2006 60300025	BC-4 BC-4 19-21 3/2/2006 60300025	BC-4 BC-4 67-69 3/3/2006 60300025	BC-5 BC-5 17-19 3/6/2006 60300082	NYSDEC Recommended Soil Cleanup Objective	NYSDEC Soil Cleanup Objectives to Protect GW	STARS TCLP Alternative Guidance Value
Semivolatile Organic Compounds (ug/Kg)								
2,4-Dimethylphenol	ND	ND	ND	ND	410 J	50000	50000	NS
Naphthalene	3800 J	830	ND	ND	14000	13000	13000	200
2-Methyl Naphthalene	3800 J	1300	600	ND	4100	36400	36400	NS
Acenaphthylene	ND	99 J	ND	ND	ND	50000	103000	NS
Acenaphthene	3600 J	370	460	ND	2300	50000	92000	400
Dibenzofuran	ND	130 J	ND	ND	2200	6200	6200	NS
Fluorene	7000	540	240	ND	2400	50000	365000	1000
Phenanthrene	27000	1600	81 J	ND	5800	50000	218000	1000
Anthracene	12000	530	ND	ND	680 J	50000	700000	1000
Carbazole	ND	ND	180 J	ND	9000	50000	50000	NS
Fluoranthene	30000	1100	ND	ND	1300	50000	1900000	1000
Pyrene	26000	1400	ND	ND	940 J	50000	665000	1000
Benzo(a)anthracene	12000	510	ND	ND	210 J	224	2800	0.04
Chrysene	12000	550	ND	ND	210 J	400	400	0.04
bis(2-Ethylhexyl)phthalate	ND	97 J	64 J	71 J	ND	50000	435000	NS
Indeno (1,2,3-cd)Pyrene	2400 J	95 J	ND	ND	ND	3200	3200	0.04
Benzo(b)fluoranthene	6300	260	ND	ND	ND	220	1100	0.04
Benzo(k)fluoranthene	7100	310	ND	ND	ND	220	1100	0.04
Benzo(a)pyrene	7800	330	ND	ND	ND	61	11000	0.04
Dibenzo(a,h)Anthracene	1200 J	ND	ND	ND	ND	14	165000000	1000
Benzo (g,h,i) perylene	3400 J	130 J	ND	ND	ND	50000	8000000	0.04

Table 2
Summary of Analytical Results - Soil
Semi-volatile Organic Compounds (SVOCs)
Bushwick Creek Inlet Site Investigation

Boring Number Sample ID Sample Date Lab Identification Number	BC-5 BC-5 55-57 3/7/2006 60300082	BC-6 BC-6 19-21 3/8/2006 60300082	BC-6 BC-6 60-62 3/9/2006 60300082	BC-7 BC-7 13-15 3/16/2006 60300130	BC-7 BC-7 60-62 3/17/2006 60300149	NYSDEC Recommended Soil Cleanup Objective	NYSDEC Soil Cleanup Objectives to Protect GW	STARS TCLP Alternative Guidance Value
Semivolatile Organic Compounds (ug/Kg)								
2,4-Dimethylphenol	ND	ND	ND	ND	ND	50000	50000	NS
Naphthalene	ND	ND	ND	ND	ND	13000	13000	200
2-Methyl Naphthalene	ND	ND	ND	ND	ND	36400	36400	NS
Acenaphthylene	ND	ND	ND	ND	ND	50000	103000	NS
Acenaphthene	ND	ND	ND	ND	ND	50000	92000	400
Dibenzofuran	ND	ND	ND	ND	ND	6200	6200	NS
Fluorene	ND	ND	ND	ND	ND	50000	365000	1000
Phenanthrene	60 J	ND	ND	ND	ND	50000	218000	1000
Anthracene	ND	ND	ND	ND	ND	50000	700000	1000
Carbazole	ND	ND	ND	ND	ND	50000	50000	NS
Fluoranthene	ND	ND	ND	ND	ND	50000	1900000	1000
Pyrene	ND	ND	ND	ND	ND	50000	665000	1000
Benzo(a)anthracene	ND	ND	ND	ND	ND	224	2800	0.04
Chrysene	ND	ND	ND	ND	ND	400	400	0.04
bis(2-Ethylhexyl)phthalate	ND	ND	ND	ND	1100	50000	435000	NS
Indeno (1,2,3-cd)Pyrene	ND	ND	ND	ND	ND	3200	3200	0.04
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	220	1100	0.04
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	220	1100	0.04
Benzo(a)pyrene	ND	ND	ND	ND	ND	61	11000	0.04
Dibenzo(a,h)Anthracene	ND	ND	ND	ND	ND	14	165000000	1000
Benzo (g,h,i) perylene	ND	ND	ND	ND	ND	50000	8000000	0.04

Table 2
Summary of Analytical Results - Soil
Semi-volatile Organic Compounds (SVOCs)
Bushwick Creek Inlet Site Investigation

Boring Number Sample ID Sample Date Lab Identification Number	BC-8 BC-8 31-33 3/18/2006 60300149	BC-8 BC-8 41-43 3/18/2006 60300149	NYSDEC Recommended Soil Cleanup Objective	NYSDEC Soil Cleanup Objectives to Protect GW	STARS TCLP Alternative Guidance Value
Semivolatile Organic Compounds (ug/Kg)					
2,4-Dimethylphenol	ND	ND	50000	50000	NS
Naphthalene	ND	ND	13000	13000	200
2-Methyl Naphthalene	ND	ND	36400	36400	NS
Acenaphthylene	ND	ND	50000	103000	NS
Acenaphthene	ND	ND	50000	92000	400
Dibenzofuran	ND	ND	6200	6200	NS
Fluorene	ND	ND	50000	365000	1000
Phenanthrene	ND	ND	50000	218000	1000
Anthracene	ND	ND	50000	700000	1000
Carbazole	ND	ND	50000	50000	NS
Fluoranthene	ND	ND	50000	1900000	1000
Pyrene	ND	ND	50000	665000	1000
Benzo(a)anthracene	ND	ND	224	2800	0.04
Chrysene	ND	ND	400	400	0.04
bis(2-Ethylhexyl)phthalate	1800	700	50000	435000	NS
Indeno (1,2,3-cd)Pyrene	ND	ND	3200	3200	0.04
Benzo(b)fluoranthene	ND	ND	220	1100	0.04
Benzo(k)fluoranthene	ND	ND	220	1100	0.04
Benzo(a)pyrene	ND	ND	61	11000	0.04
Dibenzo(a,h)Anthracene	ND	ND	14	165000000	1000
Benzo (g,h,i) perylene	ND	ND	50000	8000000	0.04

Notes:

- (1) Bold - Indicates value that exceeded the NYSDEC TAGM 4046 Recommended Soil Cleanup Objectives.
- (2) Italic - Indicates value that exceeded the NYSDEC TAGM 4046 Soil Cleanup Objectives to Protect Groundwater
- (3) Shaded - Indicates value that exceeded the STARS TCLP Alternative Guidance Value.
- (4) ND - Non-detected above laboratory method detection limit.
- (5) NS - No Standard.
- (6) B - Indicates the analyte was found in the blank.
- (7) J - Indicates an estimated value.

Table 3
Summary of Analytical Results - Soil
Polychlorinated Biphenyls (PCBs)
Bushwick Creek Inlet Site Investigation

Boring Number	BC-1	BC-1	BC-2	BC-2	BC-2	NYSDEC Recommended	NYSDEC	STARS TCLP
Sample ID	BC-1 21-23	BC-1 60-62	BC-2 9-11	BC-2D 9-11	BC-2 60-62	Soil Cleanup	Soil Cleanup	Alternative
Sample Date	3/14/2006	3/15/2006	3/10/2006	3/10/2006	3/13/2006	Objectives	Objectives to	Guidance
Lab Identification Number	60300130	60300130	60300082	60300082	60300130	Objectives	Protect GW	Value
Polychlorinated Biphenyls (PCBs) (ug/Kg)								
PCB-1260	130	ND	ND	ND	ND	10000	10000	NS

Boring Number	BC-3	BC-3	BC-4	BC-4	BC-5	NYSDEC Recommended	NYSDEC	STARS TCLP
Sample ID	BC-3 19-21	BC-3 60-62	BC-4 19-21	BC-4 67-69	BC-5 17-19	Soil Cleanup	Soil Cleanup	Alternative
Sample Date	2/27/2006	3/1/2006	3/2/2006	3/3/2006	3/6/2006	Objectives	Objectives to	Guidance
Lab Identification Number	60200231	60300025	60300025	60300025	60300082	Objectives	Protect GW	Value
Polychlorinated Biphenyls (PCBs) (ug/Kg)								
PCB-1260	ND	ND	ND	ND	ND	10000	10000	NS

Boring Number	BC-5	BC-6	BC-6	BC-7	BC-7	NYSDEC Recommended	NYSDEC	STARS TCLP
Sample ID	BC-5 55-57	BC-6 19-21	BC-6 60-62	BC-7 13-15	BC-7 60-62	Soil Cleanup	Soil Cleanup	Alternative
Sample Date	3/7/2006	3/8/2006	3/9/2006	3/16/2006	3/17/2006	Objectives	Objectives to	Guidance
Lab Identification Number	60300082	60300082	60300082	60300130	60300149	Objectives	Protect GW	Value
Polychlorinated Biphenyls (PCBs) (ug/Kg)								
PCB-1260	ND	ND	ND	ND	ND	10000	10000	NS

Table 3
Summary of Analytical Results - Soil
Polychlorinated Biphenyls (PCBs)
Bushwick Creek Inlet Site Investigation

Boring Number Sample ID Sample Date Lab Identification Number	BC-8 BC-8 31-33 3/18/2006 60300149	BC-8 BC-8 41-43 3/18/2006 60300149	NYSDEC Recommended Soil Cleanup Objectives	NYSDEC Soil Cleanup Objectives to Protect GW	STARS TCLP Alternative Guidance Value
Polychlorinated Biphenyls (PCBs) (ug/Kg)					
PCB-1260	ND	ND	10000	10000	NS

Notes:

- (1) Bold - Indicates value that exceeded the NYSDEC TAGM 4046 Recommended Soil Cleanup Objectives.
- (2) Italic - Indicates value that exceeded the NYSDEC TAGM 4046 Soil Cleanup Objectives to Protect Groundwater
- (3) Shaded - Indicates value that exceeded the STARS TCLP Alternative Guidance Value.
- (4) ND - Non-detected above laboratory method detection limit.
- (5) NS - No Standard.
- (6) B - Indicates the analyte was found in the blank.
- (7) J - Indicates an estimated value.

Table 4
Summary of Analytical Results - Soil
Target Analyte List Metals
Bushwick Creek Inlet Site Investigation

Boring Number	BC-1	BC-1	BC-2	BC-2	BC-2	NYSDEC	NYSDEC
Sample ID	BC-1 21-23	BC-1 60-62	BC-2 9-11	BC-2D 9-11	BC-2 60-62	Recommended	Eastern USA
Sample Date	3/14/2006	3/15/2006	3/10/2006	3/10/2006	3/13/2006	Soil Cleanup	Background
Lab Identification Number	60300130	60300130	60300082	60300082	60300130	Objective	Criteria
TAL Metals (mg/Kg)							
Aluminum	7100	7160	4590	4840	2980 MHA	NS	33000
Arsenic	12.0	ND	87.9	57.3	ND	7.5	3 - 12
Barium	95.9	68.2	114	77.7	35.2	NS	15 - 600
Beryllium	0.391	0.512	ND	ND	ND	1.6	0 - 1.75
Cadmium	2.06	ND	0.795	0.661	ND	1	0.1 - 1
Chromium	62.9	18.4	17.5	11.9	6.75	10	1.5 - 40
Calcium	2170	9040	15200	23400	10000	NS	130 - 35000
Iron	23200 B1	14600 B1	27800 B1	24500 B1	7910 B1 MHA	NS	2000 - 550000
Cobalt	ND	7.08	ND	ND	ND	NS	2.5 - 60
Copper	91.0	17.7	99.3	69.2	6.92	25	1 - 50
Lead	366	6.74	477	330	3.27	500	500
Magnesium	3160	6180	3140	7140	4720	NS	100 - 5000
Manganese	209	327	309	197	185	NS	50 - 50000
Mercury	0.719	ND	0.720	0.691	0.0531	0.1	0.001 - 0.2
Nickel	21.1	16.8	17.4	12.8	7.66	13	0.5 - 25
Vanadium	30.4	21.6	23.8	18.5	8.80	NS	1 - 300
Selenium	ND	ND	3.21	2.90	ND	2	0.1 - 3.9
Potassium	1230	2660	879	791	654	NS	8500 - 43000
Silver	1.59	ND	ND	ND	ND	NS	NS
Sodium	850	708	2670	2410	402	NS	6000 - 8000
Thallium	ND	2.56	ND	ND	ND	NS	NS
Zinc	179	37.0	387	316	17.6	20	9 - 50
Total Cyanide	ND	ND	ND	0.73	ND	NS	NS

Table 4
Summary of Analytical Results - Soil
Target Analyte List Metals
Bushwick Creek Inlet Site Investigation

Boring Number	BC-3	BC-3	BC-4	BC-4	BC-5	NYSDEC	NYSDEC
Sample ID	BC-3 19-21	BC-3 60-62	BC-4 19-21	BC-4 67-69	BC-5 17-19	Recommended	Eastern USA
Sample Date	2/27/2006	3/1/2006	3/2/2006	3/3/2006	3/6/2006	Soil Cleanup	Background
Lab Identification Number	60200231	60300025	60300025	60300025	60300082	Objective	Criteria
TAL Metals (mg/Kg)							
Aluminum	11700 MHA	1940	5900	1970	9010	NS	33000
Arsenic	47.1	4.09	ND	ND	5.80	7.5	3 - 12
Barium	170 M1	12.8	81.9	13.4	24.2	NS	15 - 600
Beryllium	0.392	ND	ND	ND	0.403	1.6	0 - 1.75
Cadmium	0.814	ND	ND	ND	ND	1	0.1 - 1
Chromium	51.4 M2	50.9	12.5	6.87	16.4	10	1.5 - 40
Calcium	7120	3410	2010	2430	54400	NS	130 - 35000
Iron	31000 MHA	14200	9970 B1	6840 B1	16600 B1	NS	2000 - 550000
Cobalt	9.73	ND	ND	ND	5.91	NS	2.5 - 60
Copper	176 MHA	58.1	9.76	5.72	13.3	25	1 - 50
Lead	658 MHA	40.5	4.88	ND	16.2	500	500
Magnesium	4440	1590	2700	1660	3860	NS	100 - 5000
Manganese	233 M1	248	136	111	218	NS	50 - 50000
Mercury	9.45	0.0956	ND	ND	0.158	0.1	0.001 - 0.2
Nickel	23.5	6.60	11.3	5.04	15.4	13	0.5 - 25
Vanadium	31.3	12.3	13.5	7.46	19.2	NS	1 - 300
Selenium	6.38	ND	ND	ND	2.19	2	0.1 - 3.9
Potassium	2350	384	792	391	1920	NS	8500 - 43000
Silver	2.33	ND	ND	ND	ND	NS	NS
Sodium	3590	ND	499	ND	1070	NS	6000 - 8000
Thallium	ND	ND	ND	ND	ND	NS	NS
Zinc	514 MHA	39.8	58.7	15.4	44.1	20	9 - 50
Total Cyanide	ND	ND	ND	ND	ND	NS	NS

Table 4
Summary of Analytical Results - Soil
Target Analyte List Metals
Bushwick Creek Inlet Site Investigation

Boring Number	BC-5	BC-6	BC-6	BC-7	BC-7	NYSDEC	NYSDEC
Sample ID	BC-5 55-57	BC-6 19-21	BC-6 60-62	BC-7 13-15	BC-7 60-62	Recommended	Eastern USA
Sample Date	3/7/2006	3/8/2006	3/9/2006	3/16/2006	3/17/2006	Soil Cleanup	Background
Lab Identification Number	60300082	60300082	60300082	60300130	60300149	Objective	Criteria
TAL Metals (mg/Kg)							
Aluminum	2610	12900	7520 MHA	13300	15000	NS	33000
Arsenic	1.39	6.17	1.63	6.91	2.48	7.5	3 - 12
Barium	17.2	30.7	55.3	32.1	66.2	NS	15 - 600
Beryllium	ND	0.576	0.429	0.668	0.843	1.6	0 - 1.75
Cadmium	ND	ND	ND	ND	ND	1	0.1 - 1
Chromium	10.4	25.1	23.0	25.6	31.3	10	1.5 - 40
Calcium	1810	1990	6550	2310	2260	NS	130 - 35000
Iron	14200 B1	23900 B1	21500 B1 MHA	23900 B1	29400 B1	NS	2000 - 550000
Cobalt	ND	8.60	7.25	8.90	14.3	NS	2.5 - 60
Copper	9.03	11.7	17.6	12.7	27.1	25	1 - 50
Lead	3.62	9.25	6.49	12.2	14.5	500	500
Magnesium	1490	6210	4400	6270	4760	NS	100 - 5000
Manganese	179	382	357 MHA	409	504	NS	50 - 50000
Mercury	ND	ND	ND	ND	ND	0.1	0.001 - 0.2
Nickel	6.91	22.3	14.6	22.5	27.7	13	0.5 - 25
Vanadium	17.1	28.8	33.1	29.9	39.3	NS	1 - 300
Selenium	ND	2.86	2.47	2.62	2.31	2	0.1 - 3.9
Potassium	434	2970	2150	3140	2650	NS	8500 - 43000
Silver	ND	ND	ND	ND	ND	NS	NS
Sodium	ND	1780	189	1420	417	NS	6000 - 8000
Thallium	ND	ND	ND	ND	ND	NS	NS
Zinc	25.3	56.5	34.5	60.0	71.8	20	9 - 50
Total Cyanide	ND	ND	ND	ND	ND	NS	NS

Table 4
Summary of Analytical Results - Soil
Target Analyte List Metals
Bushwick Creek Inlet Site Investigation

Boring Number Sample ID Sample Date Lab Identification Number	BC-8 BC-8 31-33 3/18/2006 60300149	BC-8 BC-8 41-43 3/18/2006 60300149	NYSDEC Recommended Soil Cleanup Objective	NYSDEC Eastern USA Background Criteria
Aluminum	3240	17100 MHA	NS	33000
Arsenic	ND	ND	7.5	3 - 12
Barium	14.1	176	NS	15 - 600
Beryllium	ND	0.591	1.6	0 - 1.75
Cadmium	ND	ND	1	0.1 - 1
Chromium	8.76	28.1	10	1.5 - 40
Calcium	2330	17400 M2	NS	130 - 35000
Iron	7870 B1	26300 B1 MHA	NS	2000 - 550000
Cobalt	ND	10.6	NS	2.5 - 60
Copper	7.22	26.3 M1	25	1 - 50
Lead	3.82	7.93	500	500
Magnesium	2710	<i>8560</i>	NS	100 - 5000
Manganese	132	509 MHA	NS	50 - 50000
Mercury	ND	ND	0.1	0.001 - 0.2
Nickel	12.0	21.7	13	0.5 - 25
Vanadium	9.77	37.8	NS	1 - 300
Selenium	ND	ND	2	0.1 - 3.9
Potassium	633	4770	NS	8500 - 43000
Silver	ND	ND	NS	NS
Sodium	303	853	NS	6000 - 8000
Thallium	ND	6.75	NS	NS
Zinc	24.5	61.6	20	9 - 50
Total Cyanide	ND	ND	NS	NS

Notes:

- (1) Bold - Indicates value that exceeded the NYSDEC TAGM 4046 Recommended Soil Cleanup Objectives.
- (2) Italic - Indicates value that exceeded the NYSDEC TAGM 4046 Eastern USA Background Criteria.
- (3) ND - Non-detected above laboratory method detection limit.
- (4) NS - No Standard.
- (5) B1 - Analyte was detected in the associated method blank. Analyte concentration in the sample is greater than 10x the concentration found in the method blank.
- (6) M2 - The MS and/or MSD were below the acceptance limits due to sample matrix interference.
- (7) MHA - Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information.

Table 5
Summary of Analytical Results - Sediment
Volatile Organic Compounds (VOCs)
Bushwick Creek Inlet Site Investigation

Boring Number Sample ID Sample Date Lab Identification Number	BCS-1 BCS-1 18-20 2/22/2006 60200231	BCS-1 BCS-1 30-32 2/22/2006 60200231	BCS-2 BCS-2 12-14 2/23/2006 60200231	BCS-2 BCS-2 46-48 2/24/2006 60200231	BCS-3 BCS-3 12-14 2/27/2006 60200231	NYSDEC Recommended Soil Cleanup Objective	NYSDEC Soil Cleanup Objectives to Protect GW	STARS TCLP Alternative Guidance Value
Volatile Organic Compounds (ug/Kg)								
Acetone	930	ND	1600	ND	360	200	110	NS
Carbon Disulfide	ND	ND	ND	ND	72 J	2700	2700	NS
Methylene Chloride	ND	ND	ND	ND	ND	100	100	NS
2-Butanone-(MEK)	ND	ND	400	ND	ND	NS	NS	NS
Benzene	ND	ND	ND	ND	ND	60	60	14
Toluene	ND	ND	ND	ND	ND	1500	1500	100
Ethylbenzene	72	ND	6 J	ND	ND	5500	5500	100
M & P XYLENE	49 J	ND	14 J	ND	7 J	1200	1200	100
O-XYLENE	120	ND	38	ND	9 J	1200	1200	100
Isopropylbenzene	120	ND	45	ND	22	2300	2300	100
n-Propylbenzene	88	ND	20	ND	11 J	3700	3700	100
1,3,5-Trimethylbenzene	150	ND	63	ND	ND	3300	3300	100
1,2,4-Trimethylbenzene	850	ND	140	ND	ND	10000	13000	100
sec-Butylbenzene	100	ND	73	ND	26	10000	11000	100
4-Isopropyltoluene	420	ND	70	ND	20	10000	10000	NS
n-Butylbenzene	110	ND	34	ND	19	10000	12000	100
Naphthalene	2900 B,E	ND	160 B	ND	230 B	13000	13000	200

Table 5
Summary of Analytical Results - Sediment
Volatile Organic Compounds (VOCs)
Bushwick Creek Inlet Site Investigation

Boring Number	BCS-3	BCS-4	BCS-4	BCS-5	BCS-5	NYSDEC	NYSDEC	STARS TCLP
Sample ID	BCS-3 36-38	BCS-4 6-8	BCS-4 38-40	BCS-5 8-10	BCS-5 40-42	Recommended	Soil Cleanup	Alternative
Sample Date	2/28/2006	2/28/2006	3/2/2006	3/3/2006	3/6/2006	Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60300025	60300025	60300025	60300025	60300082	Objective	Protect GW	Value
Volatile Organic Compounds (ug/Kg)								
Acetone	ND	300	ND	1100	38 J	200	110	NS
Carbon Disulfide	ND	ND	ND	380	ND	2700	2700	NS
Methylene Chloride	5 J	9 J	ND	16 J	ND	100	100	NS
2-Butanone-(MEK)	ND	100 J	ND	350 J	ND	NS	NS	NS
Benzene	ND	ND	ND	ND	ND	60	60	14
Toluene	ND	ND	ND	ND	ND	1500	1500	100
Ethylbenzene	ND	ND	ND	ND	ND	5500	5500	100
M & P XYLENE	ND	ND	ND	51 J	ND	1200	1200	100
O-XYLENE	ND	ND	ND	66 J	ND	1200	1200	100
Isopropylbenzene	ND	ND	ND	34 J	ND	2300	2300	100
n-Propylbenzene	ND	ND	ND	ND	ND	3700	3700	100
1,3,5-Trimethylbenzene	ND	ND	ND	140	ND	3300	3300	100
1,2,4-Trimethylbenzene	ND	ND	ND	210	ND	10000	13000	100
sec-Butylbenzene	ND	ND	ND	40 J	ND	10000	11000	100
4-Isopropyltoluene	ND	ND	ND	ND	ND	10000	10000	NS
n-Butylbenzene	ND	ND	ND	ND	ND	10000	12000	100
Naphthalene	ND	ND	ND	74 J,B	6 J,B	13000	13000	200

Table 5
Summary of Analytical Results - Sediment
Volatile Organic Compounds (VOCs)
Bushwick Creek Inlet Site Investigation

Boring Number Sample ID Sample Date Lab Identification Number	BCS-6 BCS-6 10-12 3/6/2006 60300082	BCS-6 BCS-6 36-38 3/9/2006 60300082	BCS-7 BCS-7 10-12 3/9/2006 60300082	BCS-7 BCS-7 44-46 3/13/2006 60300130	BCS-8 BCS-8 24-26 3/13/2006 60300130	NYSDEC Recommended Soil Cleanup Objective	NYSDEC Soil Cleanup Objectives to Protect GW	STARS TCLP Alternative Guidance Value
Volatile Organic Compounds (ug/Kg)								
Acetone	760	530	640	ND	290	200	110	NS
Carbon Disulfide	63 J	ND	160	ND	ND	2700	2700	NS
Methylene Chloride	ND	ND	ND	ND	ND	100	100	NS
2-Butanone-(MEK)	ND	70	170	ND	ND J	NS	NS	NS
Benzene	14 J	ND	ND	ND	ND	60	60	14
Toluene	ND	ND	ND	ND	ND	1500	1500	100
Ethylbenzene	36	ND	ND	ND	25	5500	5500	100
M & P XYLENE	98	2 J	ND	ND	ND	1200	1200	100
O-XYLENE	48	ND	ND	ND	76	1200	1200	100
Isopropylbenzene	66	ND	ND	ND	20	2300	2300	100
n-Propylbenzene	57	ND	ND	ND	ND	3700	3700	100
1,3,5-Trimethylbenzene	380	ND	39	ND	39	3300	3300	100
1,2,4-Trimethylbenzene	530	ND	57	ND	230	10000	13000	100
sec-Butylbenzene	58	ND	13 J	ND	ND J	10000	11000	100
4-Isopropyltoluene	110	ND	ND	ND	37	10000	10000	NS
n-Butylbenzene	48	ND	ND	ND	ND J	10000	12000	100
Naphthalene	160 B	3 J,B	ND	ND	320 B	13000	13000	200

Table 5
Summary of Analytical Results - Sediment
Volatile Organic Compounds (VOCs)
Bushwick Creek Inlet Site Investigation

Boring Number Sample ID Sample Date Lab Identification Number	BCS-8 BCS-8 48-50 3/14/2006 60300130	BCS-9 BCS-9 16-18 3/15/2006 60300130	BCS-9 BCS-9 42-44 3/16/2006 60300130	BCS-10 BCS-10 12-14 3/16/2006 60300130	BCS-10 BCS-10 46-48 3/21/2006 60300199	NYSDEC Recommended Soil Cleanup Objective	NYSDEC Soil Cleanup Objectives to Protect GW	STARS TCLP Alternative Guidance Value
Volatile Organic Compounds (ug/Kg)								
Acetone	ND	1000	ND	200	ND	200	110	NS
Carbon Disulfide	ND	ND	ND	ND	ND	2700	2700	NS
Methylene Chloride	ND	ND	ND	ND	ND	100	100	NS
2-Butanone-(MEK)	ND	310	ND	ND	ND	NS	NS	NS
Benzene	ND	ND	ND	ND	ND	60	60	14
Toluene	ND	ND	ND	ND	ND	1500	1500	100
Ethylbenzene	ND	23	ND	ND	ND	5500	5500	100
M & P XYLENE	ND	ND	ND	ND	ND	1200	1200	100
O-XYLENE	ND	94	ND	ND	ND	1200	1200	100
Isopropylbenzene	ND	91	ND	37	ND	2300	2300	100
n-Propylbenzene	ND	55	ND	30	ND	3700	3700	100
1,3,5-Trimethylbenzene	ND	80	ND	16	ND	3300	3300	100
1,2,4-Trimethylbenzene	ND	510	ND	16	ND	10000	13000	100
sec-Butylbenzene	ND	79	ND	54	ND	10000	11000	100
4-Isopropyltoluene	ND	170	ND	ND	ND	10000	10000	NS
n-Butylbenzene	ND	88	ND	47	ND	10000	12000	100
Naphthalene	ND	1100 B	ND	ND	ND	13000	13000	200

Table 5
Summary of Analytical Results - Sediment
Volatile Organic Compounds (VOCs)
Bushwick Creek Inlet Site Investigation

Boring Number	BCS-11	BCS-11	BCS-11	NYSDEC	NYSDEC	STARS TCLP
Sample ID	BCS-11 18-20	BCS-11 50-52	BCS-11D 50-52	Recommended	Soil Cleanup	Alternative
Sample Date	3/21/2006	3/22/2006	3/22/2006	Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60300199	60300199	60300199	Objective	Protect GW	Value
Volatile Organic Compounds (ug/Kg)						
Acetone	1100	43 J	ND	200	110	NS
Carbon Disulfide	ND	ND	ND	2700	2700	NS
Methylene Chloride	17 J, B	ND	ND	100	100	NS
2-Butanone-(MEK)	ND	ND	ND	NS	NS	NS
Benzene	35	ND	ND	60	60	14
Toluene	32	ND	ND	1500	1500	100
Ethylbenzene	370	ND	ND	5500	5500	100
M & P XYLENE	300	ND	ND	1200	1200	100
O-XYLENE	260	ND	ND	1200	1200	100
Isopropylbenzene	170	ND	ND	2300	2300	100
n-Propylbenzene	90	ND	ND	3700	3700	100
1,3,5-Trimethylbenzene	410	ND	ND	3300	3300	100
1,2,4-Trimethylbenzene	10000	ND	ND	10000	13000	100
sec-Butylbenzene	36	ND	ND	10000	11000	100
4-Isopropyltoluene	310	ND	ND	10000	10000	NS
n-Butylbenzene	ND	ND	ND	10000	12000	100
Naphthalene	79000	ND	ND	13000	13000	200

Notes:

- (1) Bold - Indicates value that exceeded the NYSDEC TAGM 4046 Recommended Soil Cleanup Objectives.
- (2) Italic - Indicates value that exceeded the NYSDEC TAGM 4046 Soil Cleanup Objectives to Protect Groundwater.
- (3) Shaded - Indicates value that exceeded the STARS TCLP Alternative Guidance Value.
- (4) ND - Non-detected above laboratory method detection limit.
- (5) NS - No Standard.
- (6) B - Indicates the analyte was found in the blank.
- (7) J - Indicates an estimated value.

Table 6
Summary of Analytical Results - Sediment
Semi-volatile Organic Compounds (SVOCs)
Bushwick Creek Inlet Site Investigation

Boring Number	BCS-1	BCS-1	BCS-2	BCS-2	BCS-3	NYSDEC	NYSDEC	STARS TCLP
Sample ID	BCS-1 18-20	BCS-1 30-32	BCS-2 12-14	BCS-2 46-48	BCS-3 12-14	Recommended	Soil Cleanup	Alternative
Sample Date	2/22/2006	2/22/2006	2/23/2006	2/24/2006	2/27/2006	Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60200231	60200231	60200231	60200231	60200231	Objective	Protect GW	Value
Semivolatile Organic Compounds (ug/Kg)								
3&4-Methyl Phenol	ND	ND	ND	ND	ND	224	224	NS
Naphthalene	22000	ND	ND	ND	ND	13000	13000	200
2-Methyl Naphthalene	36000	ND	2100	ND	1600 J	36400	36400	NS
Acenaphthylene	8400	ND	650 J	ND	510 J	50000	103000	NS
Acenaphthene	29000	ND	1400 J	ND	1100 J	50000	92000	400
Dibenzofuran	4400	ND	ND	ND	ND	6200	6200	NS
Fluorene	37000	ND	1900 J	ND	1500 J	50000	365000	1000
Phenanthrene	50000	ND	7600	ND	6200	50000	218000	1000
Anthracene	31000	ND	2700	ND	2100	50000	700000	1000
Carbazole	ND	ND	ND	ND	ND	50000	50000	NS
Di-n-butylphthalate	ND	ND	ND	ND	ND	8100	8100	NS
Fluoranthene	33000	ND	6700	ND	4800	50000	1900000	1000
Pyrene	37000	ND	6200	ND	4700	50000	665000	1000
Benzo(a)anthracene	29000	ND	2500	ND	1900	224	2800	0.04
Chrysene	29000	ND	2700	ND	2000	400	400	0.04
bis(2-Ethylhexyl)phthalate	ND	110 JB	1300 J,B	ND	ND	50000	435000	NS
Indeno (1,2,3-cd)Pyrene	2800 J	ND	430 J	ND	400 J	3200	3200	0.04
Benzo(b)fluoranthene	9000	ND	1100 J	ND	880 J	220	1100	0.04
Benzo(k)fluoranthene	14000	ND	1300 J	ND	920 J	220	1100	0.04
Benzo(a)pyrene	22000	ND	1700 J	ND	1300 J	61	11000	0.04
Dibenzo(a,h)Anthracene	1500 J	ND	ND	ND	ND	14	165000000	1000
Benzo (g,h,i) perylene	4600	ND	570 J	ND	570 J	50000	8000000	0.04

Table 6
Summary of Analytical Results - Sediment
Semi-volatile Organic Compounds (SVOCs)
Bushwick Creek Inlet Site Investigation

Boring Number	BCS-3	BCS-4	BCS-4	BCS-5	BCS-5	NYSDEC	NYSDEC	STARS TCLP
Sample ID	BCS-3 36-38	BCS-4 6-8	BCS-4 38-40	BCS-5 8-10	BCS-5 40-42	Recommended	Soil Cleanup	Alternative
Sample Date	2/28/2006	2/28/2006	3/2/2006	3/3/2006	3/6/2006	Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60300025	60300025	60300025	60300025	60300082	Objective	Protect GW	Value
Semivolatile Organic Compounds (ug/Kg)								
3&4-Methyl Phenol	ND	ND	ND	1300 J	ND	224	224	NS
Naphthalene	ND	ND	ND	ND	ND	13000	13000	200
2-Methyl Naphthalene	ND	730 J	ND	370 J	ND	36400	36400	NS
Acenaphthylene	ND	720 J	ND	ND	ND	50000	103000	NS
Acenaphthene	ND	1900	ND	ND	ND	50000	92000	400
Dibenzofuran	ND	560 J	ND	ND	ND	6200	6200	NS
Fluorene	ND	2200	ND	240 J	ND	50000	365000	1000
Phenanthrene	ND	8700	ND	990 J	ND	50000	218000	1000
Anthracene	ND	3200	ND	290 J	ND	50000	700000	1000
Carbazole	ND	ND	ND	ND	ND	50000	50000	NS
Di-n-butylphthalate	ND	ND	ND	ND	ND	8100	8100	NS
Fluoranthene	ND	7500	ND	1500	ND	50000	1900000	1000
Pyrene	ND	8900	ND	1400	ND	50000	665000	1000
Benzo(a)anthracene	ND	2900	ND	580 J	ND	224	2800	0.04
Chrysene	ND	3000	ND	680 J	ND	400	400	0.04
bis(2-Ethylhexyl)phthalate	ND	1200 J	45 J	4800	ND	50000	435000	NS
Indeno (1,2,3-cd)Pyrene	ND	390 J	ND	ND	ND	3200	3200	0.04
Benzo(b)fluoranthene	ND	1400 J	ND	450 J	ND	220	1100	0.04
Benzo(k)fluoranthene	ND	1600 J	ND	420 J	ND	220	1100	0.04
Benzo(a)pyrene	ND	2000	ND	500 J	ND	61	11000	0.04
Dibenzo(a,h)Anthracene	ND	ND	ND	ND	ND	14	165000000	1000
Benzo (g,h,i) perylene	ND	550 J	ND	ND	ND	50000	8000000	0.04

Table 6
Summary of Analytical Results - Sediment
Semi-volatile Organic Compounds (SVOCs)
Bushwick Creek Inlet Site Investigation

Boring Number	BCS-6	BCS-6	BCS-7	BCS-7	BCS-8	NYSDEC	NYSDEC	STARS TCLP
Sample ID	BCS-6 10-12	BCS-6 36-38	BCS-7 10-12	BCS-7 44-46	BCS-8 24-26	Recommended	Soil Cleanup	Alternative
Sample Date	3/6/2006	3/9/2006	3/9/2006	3/13/2006	3/13/2006	Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60300082	60300082	60300082	60300130	60300130	Objective	Protect GW	Value
Semivolatile Organic Compounds (ug/Kg)								
3&4-Methyl Phenol	ND	ND	ND	ND	ND	224	224	NS
Naphthalene	ND	ND	ND	ND	3200	13000	13000	200
2-Methyl Naphthalene	980 J	ND	93 J	ND	5500	36400	36400	NS
Acenaphthylene	ND	ND	160 J	ND	1000	50000	103000	NS
Acenaphthene	530 J	ND	ND	ND	2800	50000	92000	400
Dibenzofuran	ND	ND	ND	ND	620	6200	6200	NS
Fluorene	890 J	ND	140 J	ND	3400	50000	365000	1000
Phenanthrene	4800	ND	660	ND	10000	50000	218000	1000
Anthracene	1400 J	ND	280 J	ND	4000	50000	700000	1000
Carbazole	ND	ND	ND	ND	ND	50000	50000	NS
Di-n-butylphthalate	ND	ND	ND	ND	9000	8100	8100	NS
Fluoranthene	6000	ND	1500	ND	6600	50000	1900000	1000
Pyrene	5900	ND	1200	ND	6700	50000	665000	1000
Benzo(a)anthracene	2100 J	ND	620	ND	2700	224	2800	0.04
Chrysene	2300 J	ND	710	ND	2700	400	400	0.04
bis(2-Ethylhexyl)phthalate	6700	ND	3400	ND	ND	50000	435000	NS
Indeno (1,2,3-cd)Pyrene	ND	ND	ND	ND	ND	3200	3200	0.04
Benzo(b)fluoranthene	1500 J	ND	380 J	ND	1600	220	1100	0.04
Benzo(k)fluoranthene	1300 J	ND	410 J	ND	1800	220	1100	0.04
Benzo(a)pyrene	1500 J	ND	480	ND	2400	61	11000	0.04
Dibenzo(a,h)Anthracene	ND	ND	ND	ND	ND	14	165000000	1000
Benzo (g,h,i) perylene	660 J	ND	140 J	ND	ND	50000	8000000	0.04

Table 6
Summary of Analytical Results - Sediment
Semi-volatile Organic Compounds (SVOCs)
Bushwick Creek Inlet Site Investigation

Boring Number	BCS-8	BCS-9	BCS-9	BCS-10	BCS-10	NYSDEC	NYSDEC	STARS TCLP
Sample ID	BCS-8 48-50	BCS-9 16-18	BCS-9 42-44	BCS-10 12-14	BCS-10 46-48	Recommended	Soil Cleanup	Alternative
Sample Date	3/14/2006	3/15/2006	3/16/2006	3/16/2006	3/21/2006	Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60300130	60300130	60300130	60300130	60300199	Objective	Protect GW	Value
Semivolatile Organic Compounds (ug/Kg)								
3&4-Methyl Phenol	ND	ND	ND	ND	ND	224	224	NS
Naphthalene	ND	1700	ND	1000	ND	13000	13000	200
2-Methyl Naphthalene	ND	1300	ND	4200	ND	36400	36400	NS
Acenaphthylene	ND	420	ND	830	ND	50000	103000	NS
Acenaphthene	ND	1200	ND	2800	ND	50000	92000	400
Dibenzofuran	ND	540	ND	1100	ND	6200	6200	NS
Fluorene	ND	1300	ND	2900	ND	50000	365000	1000
Phenanthrene	ND	5000	ND	14000	ND	50000	218000	1000
Anthracene	ND	1400	ND	4100	ND	50000	700000	1000
Carbazole	ND	ND	ND	3700	ND	50000	50000	NS
Di-n-butylphthalate	ND	ND	ND	ND	ND	8100	8100	NS
Fluoranthene	ND	5400	ND	13000	ND	50000	1900000	1000
Pyrene	ND	4000	ND	9800	ND	50000	665000	1000
Benzo(a)anthracene	ND	2300	ND	4400	ND	224	2800	0.04
Chrysene	ND	2400	ND	4100	ND	400	400	0.04
bis(2-Ethylhexyl)phthalate	ND	1200	ND	ND	170 J, B	50000	435000	NS
Indeno (1,2,3-cd)Pyrene	ND	ND	ND	560	ND	3200	3200	0.04
Benzo(b)fluoranthene	ND	2000	ND	4300	ND	220	1100	0.04
Benzo(k)fluoranthene	ND	1700	ND	3600	ND	220	1100	0.04
Benzo(a)pyrene	ND	2000	ND	4600	ND	61	11000	0.04
Dibenzo(a,h)Anthracene	ND	ND	ND	ND	ND	14	165000000	1000
Benzo (g,h,i) perylene	ND	ND	ND	620	ND	50000	8000000	0.04

Table 6
Summary of Analytical Results - Sediment
Semi-volatile Organic Compounds (SVOCs)
Bushwick Creek Inlet Site Investigation

Boring Number	BCS-11	BCS-11	BCS-11	NYSDEC	NYSDEC	STARS TCLP
Sample ID	BCS-11 18-20	BCS-11 50-52	BCS-11D 50-52	Recommended	Soil Cleanup	Alternative
Sample Date	3/21/2006	3/22/2006	3/22/2006	Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60300199	60300199	60300199	Objective	Protect GW	Value
Semivolatile Organic Compounds (ug/Kg)						
3&4-Methyl Phenol	ND	ND	ND	224	224	NS
Naphthalene	48000	ND	ND	13000	13000	200
2-Methyl Naphthalene	37000	ND	ND	36400	36400	NS
Acenaphthylene	4100	ND	ND	50000	103000	NS
Acenaphthene	27000	ND	ND	50000	92000	400
Dibenzofuran	3100	ND	ND	6200	6200	NS
Fluorene	15000	ND	ND	50000	365000	1000
Phenanthrene	58000	ND	ND	50000	218000	1000
Anthracene	22000	ND	ND	50000	700000	1000
Carbazole	ND	ND	ND	50000	50000	NS
Di-n-butylphthalate	ND	ND	ND	8100	8100	NS
Fluoranthene	35000	ND	ND	50000	1900000	1000
Pyrene	42000	ND	ND	50000	665000	1000
Benzo(a)anthracene	17000	ND	ND	224	2800	0.04
Chrysene	17000	ND	ND	400	400	0.04
bis(2-Ethylhexyl)phthalate	ND	ND	ND	50000	435000	NS
Indeno (1,2,3-cd)Pyrene	2900	ND	ND	3200	3200	0.04
Benzo(b)fluoranthene	10000	ND	ND	220	1100	0.04
Benzo(k)fluoranthene	12000	ND	ND	220	1100	0.04
Benzo(a)pyrene	18000	ND	ND	61	11000	0.04
Dibenzo(a,h)Anthracene	470	ND	ND	14	165000000	1000
Benzo (g,h,i) perylene	5500	ND	ND	50000	8000000	0.04

Notes:

- (1) Bold - Indicates value that exceeded the NYSDEC TAGM 4046 Recommended Soil Cleanup Objectives.
- (2) Italic - Indicates value that exceeded the NYSDEC TAGM 4046 Soil Cleanup Objectives to Protect Groundwater.
- (3) Shaded - Indicates value that exceeded the STARS TCLP Alternative Guidance Value.
- (4) ND - Non-detected above laboratory method detection limit.
- (5) NS - No Standard.
- (6) B - Indicates the analyte was found in the blank.
- (7) J - Indicates an estimated value.

Table 7
Summary of Analytical Results - Sediment
Polychlorinated Biphenyls (PCBs)
Bushwick Creek Inlet Site Investigation

Boring Number Sample ID Sample Date Lab Identification Number	BCS-1 BCS-1 18-20 2/22/2006 60200231	BCS-1 BCS-1 30-32 2/22/2006 60200231	BCS-2 BCS-2 12-14 2/23/2006 60200231	BCS-2 BCS-2 46-48 2/24/2006 60200231	BCS-3 BCS-3 12-14 2/27/2006 60200231	NYSDEC Recommended Soil Cleanup Objective	NYSDEC Soil Cleanup Objectives to Protect GW	STARS TCLP Alternative Guidance Value
Polychlorinated Biphenyls (PCBs) (ug/Kg)								
PCB-1260	ND	ND	ND	ND	ND	10000	10000	NS

Boring Number Sample ID Sample Date Lab Identification Number	BCS-3 BCS-3 36-38 2/28/2006 60300025	BCS-4 BCS-4 6-8 2/28/2006 60300025	BCS-4 BCS-4 38-40 3/2/2006 60300025	BCS-5 BCS-5 8-10 3/3/2006 60300025	BCS-5 BCS-5 40-42 3/6/2006 60300082	NYSDEC Recommended Soil Cleanup Objective	NYSDEC Soil Cleanup Objectives to Protect GW	STARS TCLP Alternative Guidance Value
Polychlorinated Biphenyls (PCBs) (ug/Kg)								
PCB-1260	ND	55 J	ND	320	ND	10000	10000	NS

Boring Number Sample ID Sample Date Lab Identification Number	BCS-6 BCS-6 10-12 3/6/2006 60300082	BCS-6 BCS-6 36-38 3/9/2006 60300082	BCS-7 BCS-7 10-12 3/9/2006 60300082	BCS-7 BCS-7 44-46 3/13/2006 60300130	BCS-8 BCS-8 24-26 3/13/2006 60300130	NYSDEC Recommended Soil Cleanup Objective	NYSDEC Soil Cleanup Objectives to Protect GW	STARS TCLP Alternative Guidance Value
Polychlorinated Biphenyls (PCBs) (ug/Kg)								
PCB-1260	470 R10	ND	630	ND	ND	10000	10000	NS

Table 7
Summary of Analytical Results - Sediment
Polychlorinated Biphenyls (PCBs)
Bushwick Creek Inlet Site Investigation

Boring Number	BCS-8	BCS-9	BCS-9	BCS-10	BCS-10	NYSDEC	NYSDEC	STARS TCLP
Sample ID	BCS-8 48-50	BCS-9 16-18	BCS-9 42-44	BCS-10 12-14	BCS-10 46-48	Recommended	Soil Cleanup	Alternative
Sample Date	3/14/2006	3/15/2006	3/16/2006	3/16/2006	3/21/2006	Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60300130	60300130	60300130	60300130	60300199	Objective	Protect GW	Value
Polychlorinated Biphenyls (PCBs) (ug/Kg)								
PCB-1260	ND	170	ND	ND	ND	10000	10000	NS

Boring Number	BCS-11	BCS-11	BCS-11	NYSDEC	NYSDEC Soil	STARS TCLP
Sample ID	BCS-11 18-20	BCS-11 50-52	BCS-11D 50-52	Recommended	Cleanup	Alternative
Sample Date	3/21/2006	3/22/2006	3/22/2006	Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60300199	60300199	60300199	Objective	Protect GW	Value
Polychlorinated Biphenyls (PCBs) (ug/Kg)						
PCB-1260	ND	170	ND	10000	10000	NS

Notes:

- (1) Bold - Indicates value that exceeded the NYSDEC TAGM 4046 Recommended Soil Cleanup Objectives.
- (2) Italic - Indicates value that exceeded the NYSDEC TAGM 4046 Soil Cleanup Objectives to Protect Groundwater.
- (3) Shaded - Indicates value that exceeded the STARS TCLP Alternative Guidance Value.
- (4) ND - Non-detected above laboratory method detection limit.
- (5) NS - No Standard.
- (6) B - Indicates the analyte was found in the blank.
- (7) J - Indicates an estimated value.

Table 8
Summary of Analytical Results - Sediment
Target Analyte List Metals
Bushwick Creek Inlet Site Investigation

Boring Number	BCS-1	BCS-1	BCS-2	BCS-2	BCS-3	NYSDEC	NYSDEC
Sample ID	BCS-1 18-20	BCS-1 30-32	BCS-2 12-14	BCS-2 46-48	BCS-3 12-14	Recommended	Eastern USA
Sample Date	2/22/2006	2/22/2006	2/23/2006	2/24/2006	2/27/2006	Soil Cleanup	Background
Lab Identification Number	60200231	60200231	60200231	60200231	60200231	Objective	Criteria
TAL Metals (mg/Kg)							
Antimony	ND	ND	ND	ND	ND	NS	NS
Aluminum	13800	6190	16700	4260	13100	NS	33000
Arsenic	101	2.06	58.4	4.86	49.3	7.5	3 - 12
Barium	428	38.3	425	27.6	343	NS	15 - 600
Beryllium	ND	ND	0.712	ND	0.556	1.6	0 - 1.75
Cadmium	3.94	ND	14.7	ND	9.87	1	0.1 - 1
Chromium	139	12.9	391	13.1	322	10	1.5 - 40
Calcium	5290	9110	5730	934	4700	NS	130 - 35000
Iron	31000	13200	36500	16500	29000	NS	2000 - 550000
Cobalt	10.1	4.91	12.4	9.00	10.1	NS	2.5 - 60
Copper	496	10.6	567	13.2	451	25	1 - 50
Lead	1250	5.00	938	6.33	750	500	500
Magnesium	6220	4930	6810	1540	5590	NS	100 - 5000
Manganese	334	283	358	330	299	NS	50 - 50000
Mercury	11.3	ND	6.11	ND	5.14	0.1	0.001 - 0.2
Nickel	39.8	11.6	57.8	10.6	42.2	13	0.5 - 25
Vanadium	42.9	18.1	59.0	19.5	40.6	NS	1 - 300
Selenium	7.93	2.23	8.69	2.60	6.91	2	0.1 - 3.9
Potassium	3120	1810	3830	867	2730	NS	8500 - 43000
Silver	7.15	ND	12.8	ND	8.97	NS	NS
Sodium	2900	809	4380	294	1540	NS	6000 - 8000
Thallium	ND	ND	ND	ND	ND	NS	NS
Zinc	634	25.1	858	24.7	713	20	9 - 50
Total Cyanide	7.26	ND	5.53	ND	2.17	NS	NS

Table 8
Summary of Analytical Results - Sediment
Target Analyte List Metals
Bushwick Creek Inlet Site Investigation

Boring Number	BCS-3	BCS-4	BCS-4	BCS-5	BCS-5	NYSDEC	NYSDEC
Sample ID	BCS-3 36-38	BCS-4 6-8	BCS-4 38-40	BCS-5 8-10	BCS-5 40-42	Recommended	Eastern USA
Sample Date	2/28/2006	2/28/2006	3/2/2006	3/3/2006	3/6/2006	Soil Cleanup	Background
Lab Identification Number	60300025	60300025	60300025	60300025	60300082	Objective	Criteria
TAL Metals (mg/Kg)							
Antimony	ND	ND	ND	ND	ND	NS	NS
Aluminum	5420	8380	2400	17500	10800	NS	33000
Arsenic	1.83	26.2	1.64	53.7	2.84	7.5	3 - 12
Barium	47.4	266	13.4	402	56.8	NS	15 - 600
Beryllium	0.393	ND	ND	1.12	0.678	1.6	0 - 1.75
Cadmium	ND	10.7	ND	22.0	ND	1	0.1 - 1
Chromium	14.3	240	10.2	790	26.6	10	1.5 - 40
Calcium	6140	5220	823	9890	1760	NS	130 - 35000
Iron	15100 B1	31300 B1	12100 B1	40700 B1	27400 B1	NS	2000 - 550000
Cobalt	ND	ND	ND	ND	11.2	NS	2.5 - 60
Copper	12.1	713	12.1	674	20.4	25	1 - 50
Lead	6.16	919	4.73	1870	11.7	500	500
Magnesium	3860	3730	926	7670	3400	NS	100 - 5000
Manganese	315	220	161	418	517	NS	50 - 50000
Mercury	ND	2.73	ND	4.14	ND	0.1	0.001 - 0.2
Nickel	11.8	44.0	6.29	125	18.3	13	0.5 - 25
Vanadium	19.0	33.3	19.6	131	33.6	NS	1 - 300
Selenium	ND	ND	ND	ND	3.15	2	0.1 - 3.9
Potassium	1350	1880	438	4060	1790	NS	8500 - 43000
Silver	ND	7.40	ND	21.3	ND	NS	NS
Sodium	274	1760	214	5610	689	NS	6000 - 8000
Thallium	ND	ND	ND	ND	ND	NS	NS
Zinc	27.5	561	15.5	988	47.6	20	9 - 50
Total Cyanide	ND	15	ND	57	9.0	NS	NS

Table 8
Summary of Analytical Results - Sediment
Target Analyte List Metals
Bushwick Creek Inlet Site Investigation

Boring Number	BCS-6	BCS-6	BCS-7	BCS-7	BCS-8	NYSDEC	NYSDEC
Sample ID	BCS-6 10-12	BCS-6 36-38	BCS-7 10-12	BCS-7 44-46	BCS-8 24-26	Recommended	Eastern USA
Sample Date	3/6/2006	3/9/2006	3/9/2006	3/13/2006	3/13/2006	Soil Cleanup	Background
Lab Identification Number	60300082	60300082	60300082	60300130	60300130	Objective	Criteria
TAL Metals (mg/Kg)							
Antimony	6.37	ND	ND	ND	ND	NS	NS
Aluminum	16700	7500	20600	10900	12200	NS	33000
Arsenic	44.9	3.28	18.1	2.93	51.5	7.5	3 - 12
Barium	736	68.5	186	36.4	441	NS	15 - 600
Beryllium	0.989	0.446	0.953	0.779	0.846	1.6	0 - 1.75
Cadmium	20.7	ND	7.23	ND	11.8	1	0.1 - 1
Chromium	701	19.5	310	25.1	421	10	1.5 - 40
Calcium	10100	3110	6700	1370	5020	NS	130 - 35000
Iron	39200 B1	20900 B1	37500 B1	22700 B1	34400 B1	NS	2000 - 550000
Cobalt	13.7	8.12	13.0	8.99	11.7	NS	2.5 - 60
Copper	613	18.3	394	20.0	498	25	1 - 50
Lead	1640	7.66	528	11.7	1350	500	500
Magnesium	8020	3950	9310	3100	6180	NS	100 - 5000
Manganese	396	349	565	499	297	NS	50 - 50000
Mercury	5.12	ND	3.39	ND	6.14	0.1	0.001 - 0.2
Nickel	114	20.9	59.8	16.8	52.9	13	0.5 - 25
Vanadium	117	32.8	68.1	32.5	52.3	NS	1 - 300
Selenium	6.49	2.31	4.84	ND	5.38	2	0.1 - 3.9
Potassium	4190	1320	5090	1850	3080	NS	8500 - 43000
Silver	19.5	ND	13.4	ND	10.9	NS	NS
Sodium	10900	490	10500	1170	8320	NS	6000 - 8000
Thallium	ND	2.26	ND	ND	ND	NS	NS
Zinc	1000	41.6	446	50.7	936	20	9 - 50
Total Cyanide	38	ND	6.5	52	1.4	NS	NS

Table 8
Summary of Analytical Results - Sediment
Target Analyte List Metals
Bushwick Creek Inlet Site Investigation

Boring Number	BCS-8	BCS-9	BCS-9	BCS-10	BCS-10	NYSDEC	NYSDEC
Sample ID	BCS-8 48-50	BCS-9 16-18	BCS-9 42-44	BCS-10 12-14	BCS-10 46-48	Recommended	Eastern USA
Sample Date	3/14/2006	3/15/2006	3/16/2006	3/16/2006	3/21/2006	Soil Cleanup	Background
Lab Identification Number	60300130	60300130	60300130	60300130	60300199	Objective	Criteria
TAL Metals (mg/Kg)							
Antimony	ND	ND	ND	ND	ND M2	NS	NS
Aluminum	6830	16900	9800	8900	4950 MHA	NS	33000
Arsenic	4.27	35.1	2.54	55.9	ND	7.5	3 - 12
Barium	16.2	417	30.3	355	48.0	NS	15 - 600
Beryllium	0.508	1.20	0.602	0.600	0.401	1.6	0 - 1.75
Cadmium	ND	17.0	ND	6.77	ND	1	0.1 - 1
Chromium	12.7	514	22.4	281	13.2	10	1.5 - 40
Calcium	1760	6060	2100	7290	10400 M2	NS	130 - 35000
Iron	40100 B1	36900 B1	20500 B1	32800 B1	42700 MHA	NS	2000 - 550000
Cobalt	ND	13.1	11.4	8.56	6.49	NS	2.5 - 60
Copper	6.24	545	31.7	354	27.1	25	1 - 50
Lead	4.88	1370	9.44	1700	7.78	500	500
Magnesium	1480	7080	3150	4480	6650 M2	NS	100 - 5000
Manganese	1050	360	322	274	655 MHA	NS	50 - 50000
Mercury	ND	7.27	ND	2.19	ND	0.1	0.001 - 0.2
Nickel	6.11	69.9	19.1	44.1	9.86	13	0.5 - 25
Vanadium	15.0	77.0	46.6	31.2	37.8	NS	1 - 300
Selenium	ND	4.48	ND	4.36	ND	2	0.1 - 3.9
Potassium	376	4100	1670	2120	1590	NS	8500 - 43000
Silver	ND	15.6	ND	6.56	0.684	NS	NS
Sodium	957	10200	1140	3340	946	NS	6000 - 8000
Thallium	ND	4.26	ND	ND	ND	NS	NS
Zinc	16.3	900	40.9	771	33.6	20	9 - 50
Total Cyanide	ND	26	ND	3.2	ND	NS	NS

Table 8
Summary of Analytical Results - Sediment
Target Analyte List Metals
Bushwick Creek Inlet Site Investigation

Boring Number	BCS-11	BCS-11	BCS-11	NYSDEC	NYSDEC
Sample ID	BCS-11 18-20	BCS-11 50-52	BCS-11D 50-52	Recommended	Eastern USA
Sample Date	3/21/2006	3/22/2006	3/22/2006	Soil Cleanup	Background
Lab Identification Number	60300199	60300199	60300199	Objective	Criteria
TAL Metals (mg/Kg)					
Antimony	ND	ND	ND	NS	NS
Aluminum	12100	4440	4040	NS	33000
Arsenic	228	4.72	4.24	7.5	3 - 12
Barium	476	14.6	16.3	NS	15 - 600
Beryllium	0.549	0.561	ND	1.6	0 - 1.75
Cadmium	1.57	ND	ND	1	0.1 - 1
Chromium	94.4	29.3	23.3	10	1.5 - 40
Calcium	5220	502	496	NS	130 - 35000
Iron	29900	76000	93900	NS	2000 - 550000
Cobalt	9.48	ND	ND	NS	2.5 - 60
Copper	876	24.1	24.5	25	1 - 50
Lead	1830	10.1	8.84	500	500
Magnesium	<i>5720</i>	645	750	NS	100 - 5000
Manganese	331	689	991	NS	50 - 50000
Mercury	9.40	ND	ND	0.1	0.001 - 0.2
Nickel	32.2	8.58	ND	13	0.5 - 25
Vanadium	36.3	49.4	45.9	NS	1 - 300
Selenium	ND	ND	ND	2	0.1 - 3.9
Potassium	2820	353	422	NS	8500 - 43000
Silver	2.64	1.01	1.54	NS	NS
Sodium	<i>6920</i>	1180	1040	NS	6000 - 8000
Thallium	ND	ND	ND	NS	NS
Zinc	754	44.9	48.2	20	9 - 50
Total Cyanide	4.0	ND	ND	NS	NS

Notes:

- (1) Bold - Indicates value that exceeded the NYSDEC TAGM 4046 Recommended Soil Cleanup Objectives.
- (2) Italic - Indicates value that exceeded the NYSDEC TAGM 4046 Eastern USA Background Criteria.
- (3) ND - Non-detected above laboratory method detection limit.
- (4) NS - No Standard.
- (5) B1 - Analyte was detected in the associated method blank. Analyte concentration in the sample is greater than 10x the concentration found in the method blank.
- (6) M2 - The MS and/or MSD were below the acceptance limits due to sample matrix interference.
- (7) MHA - Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information.

Table 9
Summary of Analytical Results - Waste Classification
VOCs, TAL Metals, and RCRA Characteristics
Bushwick Creek Inlet Site Investigation

Waste Classification	Drums WC-Soil 1	Drums WC-Soil 2	Drums WC-Soil 3	Drums WC-Water 1	Drums WC-Water 2	NYSDEC TCLP Cleanup Criteria
Sample ID	3/27/2006	4/5/2006	4/5/2006	3/27/2006	4/6/2006	
Sample Date						
Lab Identification Number	60300212	60400065	60400065	60300212	60400089	
Volatile Organic Compounds (ug/Kg)						
Benzene, TCLP	4 J	<5.0	3 J	39 J	75.7	500
TAL Metals (mg/Kg)						
Lead, TCLP	0.711	<0.500	<0.500	<0.500	<0.500	5000
RCRA Characteristics						
Flash Point - Liquid/Solid	>200	>200	>200	>200	>200	NS
Corrosivity / pH	7.88	6.68	7.48	9.11	6.86	12.5

Notes:

- (1) TCLP - Toxicity Characteristic Leaching Procedure
- (2) SVOCs - Non-Detected
- (3) Herbicides - Non-Detected
- (4) Pesticides - Non-Detected
- (5) PCBs - Non-Detected

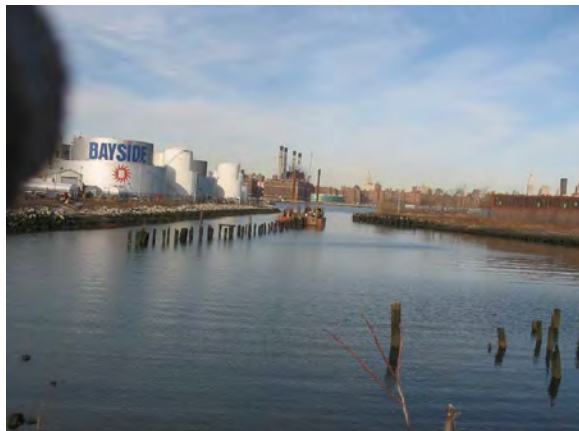


Photo 1: View of the Bushwick Creek Inlet, facing west.



Photo 2: Crew drilling with a track rig at BC-5, facing north.

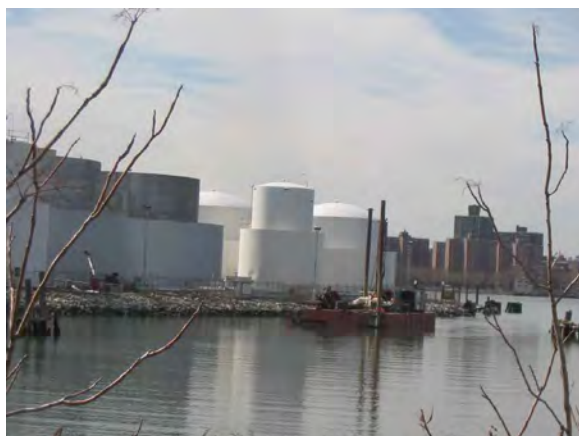


Photo 3: Crew drilling within Bushwick Creek Inlet, facing west.



Photo 4: Decontamination pad setup along eastern boundary of the Site.



Photo 5: Crew used a garden hose connected to a fire hydrant to clean the augers.



Photo 6: Clean augers on the decontamination pad.



Photo 7: Crew drilling within Bushwick Creek Inlet, facing north.



Photo 8: Drilling along the shoreline of BCI at BC-2, facing west.



Photo 9: Drill rig setup at BC-1 along the shoreline of BCI.



Photo 10: Drilling within BCI, facing southwest.



Photo 11: PID used to screen split-spoon samplers.



Photo 12: Drill rig setup at BC-7, facing east.



Photo 13: Graded the disturbed areas along the southern shoreline of BCI.



Photo 14: Drill rig with support truck setup at BC-7, facing northeast.



Photo 15: Graded the disturbed areas along the eastern shoreline of BCI.



Photo 16: Drill rig setup along the northern shoreline of BCI at BC-8, facing west.

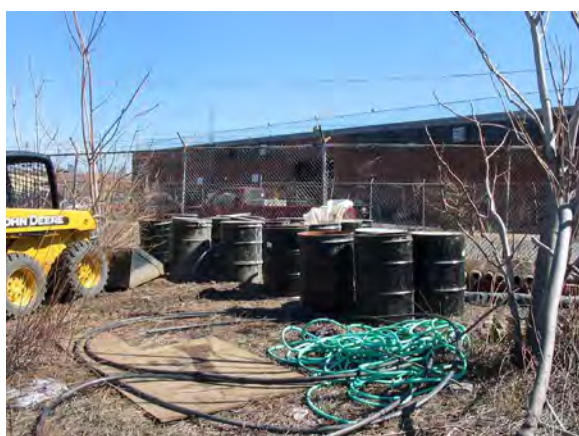


Photo 17: Drum storage area setup along the eastern shoreline of BCI.



Photo 18: Graded disturbed area along the northern shoreline of BCI, facing west.

Metcalf & Eddy, Inc.

PAGE 1
GEOLOGIC LOG

PROJECT: BAYSIDE PETROLEUM (DPC)		JOB NO: 60005458.01		BORING NO: BC-1	
LOCATION: BUSHWICK CREEK INLET BROOKLYN NY		ELEVATION:		DEPTH: 70'	
		DATE BEGUN: 3/14/06		DATE FINISHED: 3/15/06	
DRILL CONTRACTOR: ADT			GEOLOGIST: SIRISH C. MUSTHYALA		
DRILLING RIG: DAVEY DALL - TRACK MOUNTED			DRILLER: BERNIE CRUZ		
DRILLING METHOD: AUGERS			DRILL FLUID: NONE		HOLE SIZE: 6 1/4"
WEATHER: LIGHT RAIN 40's-50's		DEPTH TO WATER:		DATE:	
COMPLETED AS WELL? NO		WELL PERMIT NO.		N/A	

DEPTH	SAMPLE NO.	SAMPLE DEPTH	RECOVERY	BLOW COUNTS	SAMPLE DESCRIPTION	HNW/VA PPH	NOTES:
					N 40 43 483 W 73 57 598 > GPS COORDINATES		USING SAFETY HAMMER
					BORING LOCATION CLEARED TO 5' FOR UTILITIES		
5	S1	5-7	3"	3-4 2-2	LOOSE BLACK SILTY FINE SAND, SOME GRAVEL, BRICK FRAGMENTS (SP)	2.4	
	S2	7-9	4"	2-6 7-15	M DENSE BLACK ASH & CINDRE FILL, tr BRICK FRAGMENTS (SP)	5.1	FUEL OIL ODOR WET SAMPLE
10	S3	9-11	10"	9-9 9-7	M DENSE BLACK ASH & CINDRE FILL tr BRICK FRAGMENTS (SP)	4.8	
	S4	11-13	7"	6-7 7-9	M DENSE GRAY FINE-MED SAND SOME GRAVEL, tr SILT, BRICK FRAGMENTS (SP)	3.8	
	S5	13-15	6"	15-50 1/3"	DENSE GRAY FINE-MED SAND SOME GRAVEL, tr SILT, BRICK FRAGMENTS (SP)	2.7	
15	S6	15-17	8"	11-21 19-7	DENSE GRAY ASH & CINDRE FILL WITH BRICK FRAGMENTS (SP)	7.9	
	S7	17-19	3"	7-9 9-16	M. DENSE GRAY ASH & CINDRE FILL WITH BRICK FRAGMENTS (SP)	9.2	19' FILL
20	S8	19-21	4"	6-7 11-17	STIFF BLACK ORGANIC SILT tr CLAY (ML/OL)	6.3	FUEL OIL ODOR w/ ORGANIC ODOR
	S9	21-23	6"	2-6 6-8	STIFF BLACK ORGANIC SILT tr CLAY (ML/OL)	9.4	SAMPLE FOR LABORATORY 23' MUD
	S10	23-25	8"	10-20	DENSE GRAY-BROWN FINE SAND tr GRAVEL, SILT (SP)	3.8	SOIL
25				21-30			

Metcalf & Eddy, Inc.

PAGE 2
GEOLOGIC LOG

PROJECT: BMSIDE PETROLEUM CDDC		JOB NO: 60004548.01		BORING NO: BC-4	
LOCATION: BUSHWICK CREEK INLET BROOKLYN, NY		ELEVATION:		DEPTH: 70'	
		DATE BEGUN: 3/14/66		DATE FINISHED: 3/15/66	
DRILL CONTRACTOR: AD-7			GEOLOGIST: SIRISH C. MUSTHYLA		
DRILLING RIG: DAVEY DRILL - TRACK MOUNTED			DRILLER: BERNIE CEVZ		
DRILLING METHOD: AUGERS			DRILL FLUID: NONE		HOLE SIZE: 6 1/4"
WEATHER: LIGHT RAIN 40's-50's			DEPTH TO WATER:		DATE:
COMPLETED AS WELL? NO			WELL PERMIT NO. N/A		

DEPTH	SAMPLE NO.	SAMPLE DEPTH	RECOVERY	BLOW COUNTS	SAMPLE DESCRIPTION	HNuOVA Ppm	NOTES:
25	S11	25-27	4"	15-11	MED DENSE GRAY-BROWN FINE SAND	0	
				8-7	OR SILT, GRAVEL (SP)		
	S12	27-29	8"	7-11	MED DENSE GRAY FINE SAND		
				9-7	LITTLE GRAVEL, OR SILT (SP)		
30	S13	29-31	6"	3-7	DENSE GRAY SILTY FINE SAND	0	
				50/3"	OR CLAY (SM)		
	S14	31-33	8"	5-9	MED DENSE GRAY SILTY FINE SAND		
				11-14	OR SUBROUND GRAVEL, OR CLAY (SM)		
35	S15	33-35	10"	2-7	DENSE GRAY SILTY FINE SAND, OR	0	
				50/3"	SUBROUND - SUBANGULAR GRAVEL (SM)		
	S16	35-37	0"	50/1"	NO RECOVERY		
40	S17	37-39	8"	11-18	DENSE BROWN SILTY FINE SAND (SM)	0	
				21-24			
	S18	39-41	6"	11-12	MED DENSE GRAY FINE-MEDIUM SAND		
				9-9	OR SILT (SP)		
45	S19	41-43	14"	7-6	MED DENSE GRAY FINE-MEDIUM SAND	0	
				14-29	OR SILT (SP)		
	S20	43-45	12"	16-25	U DENSE GRAY SILTY FINE SAND (SM)		
				29-30			
50	S21	45-47	8"	6-16	DENSE GRAY SILTY FINE SAND (SM)	0	
				19-25			
	S22	47-49	6"	9-50 1/2"	U DENSE GRAY SILTY FINE SAND		
					OR GRAVEL (SM)		
50	S23	49-51	10"	18-19	U DENSE GRAY SILTY FINE SAND	0	

3/14/66
3/15/66
WINDY 20's-30's

PAGE 3
GEOLOGIC LOG

PROJECT: BAYSIDE PETROLEUM		JOB NO: 60005458.01		BORING NO: BC-1			
LOCATION: BUSTWICK CREEK INLET BROOKLYN NY		ELEVATION:		DEPTH: 70'			
DRILL CONTRACTOR: ADT		GEOLOGIST: SIRISH C. MUSTHYALA		DATE FINISHED: 3/15/66			
DRILLING RIG: DAKEY DRILL - TRACK MOUNTED		DRILLER: BERNIE CRUE		DATE BEGUN: 3/14/66			
DRILLING METHOD:		DRILL FLUID: NONE		HOLE SIZE: 6 1/4"			
WEATHER: LIGHT RAIN 40's - 50's		DEPTH TO WATER:		DATE:			
COMPLETED AS WELL?		WELL PERMIT NO.					
DEPTH	SAMPLE NO.	SAMPLE DEPTH	RECOVERY	BLOW COUNTS	SAMPLE DESCRIPTION	HNUOVA ppm	NOTES:
50				35-45	GR GRAVEL (SM)		
55	524	55-57	6"	35-50 1/2"	VDENSE GRAY FINE-MED SAND, GR GRAVEL, GR SILT (SP)	0	
60	525	60-62	10"	35-45 50 1/4"	VDENSE GRAY-BROWN SILTY FINE SAND, GR GRAVEL (SM)	0	SAMPLE FOR LABORATORY
65	526	64-66	0"	50 1/2"	NO RECOVERY	—	ROCK IN NOSE OF SPOON
70	527	68-70	6"	21-23 22-29	HARD GRAY SILTY CLAY (CL)	0	
					END @ 70'		

Metcalf & Eddy, Inc.

PAGE 1
GEOLOGIC LOG

PROJECT: BAYSIDE PETROLEUM (DDC)		JOB NO: 60004548.01		BORING NO: BC-2	
LOCATION: BOSITWICK CREEK INLET BROOKLYN NY		ELEVATION:		DEPTH: 71'	
		DATE BEGUN: 3/10/06		DATE FINISHED: 3/13/06	
DRILL CONTRACTOR: ADT			GEOLOGIST: SIRISH C. MUSTHYALA		
DRILLING RIG: DAVEY DRILL - ROCK MOUNTAIN			DRILLER: BERNIE CRUZ		
DRILLING METHOD: AUGERS			DRILL FLUID: NONE		HOLE SIZE: 6 1/4"
WEATHER: CLOUDY SUNNY 50'S-60'S		DEPTH TO WATER:		DATE:	
COMPLETED AS WELL? NO		WELL PERMIT NO. N/A			

DEPTH	SAMPLE NO.	SAMPLE DEPTH	RECOVERY	BLOW COUNTS	SAMPLE DESCRIPTION	HNUOVA ppm	NOTES:
5					N 4043466 W 7357556 GPS COORDINATES		USING SAFETY HAMMER
					BORING LOCATION CLEARED TO 5' FOR UTILITIES		
10	S1	5-7	6"	4-10	MED DENSE BLACK FINE-COARSE SAND, SOME GRAVEL, TR SILT, WOOD, BRICK (SW)	236	FUEL OIL ODOOR
				11-3			
	S2	7-9	0"	2-4	NO RECOVERY	—	1" THICK WOOD IN SPADON NOSE
				3-9			
15	S3	9-11	4"	3-5	MED DENSE BLACK FINE-COARSE SAND, SOME GRAVEL, TR SILT, PIECES OF DECOMPOSED WOOD DEBRIS (SW)	187	SAMPLE FOR LABORATORY
				6-3			
	S4	11-13	8"	2-5 1/3"	V. DENSE BLACK FINE-COARSE SAND SOME GRAVEL, TR SILT, ASH & CINDERS (SW)	66.1	
20	S5	13-15	6"	7-11	M DENSE BLACK FINE-COARSE SAND SOME GRAVEL, TR SILT, BRICK FRAGMENTS (SW)	38.9	
				13-50 1/5"			
	S6	15-17	0"	50/0"	NO RECOVERY	—	
25	S7	17-19	8"	2-10	MED DENSE BLACK FINE-COARSE SAND SOME GRAVEL, TR SILT, BRICK FRAGMENTS (SW)	10	19' FILL
				10-4			
	S8	19-21	10"	6-9	MED DENSE BLACK FINE-COARSE SAND SOME GRAVEL, TR SILT (SW)	6.5	MVD
				10-11			
30	S9	21-23	12"	4-8	MED DENSE BLACK FINE SAND TR SILT (SP)	52.8	23' MVD SOIL
				8-17			
	S10	23-25	8"	8-13	MED DENSE GRAY FINE SAND TR SILT (SP)	0	
				13-14			

Metcalf & Eddy, Inc.

PAGE 2
GEOLOGIC LOG

PROJECT: BAYSIDE PETROLEUM (ODC)		JOB NO: 60064548.01		BORING NO: BC-2	
LOCATION: BUSHWICK CREEK INLET BROOKLYN NY		ELEVATION:		DEPTH: 71'	
		DATE BEGUN: 3/10/06		DATE FINISHED: 3/13/06	
DRILL CONTRACTOR: ADT			GEOLOGIST: SIRISH C. MUSTHYALA		
DRILLING RIG: DAVEY DRILL - TRACK MOUNTED			DRILLER: BERNIE CRUZ		
DRILLING METHOD: ANGERS			DRILL FLUID: NONE		HOLE SIZE: 6 1/4"
WEATHER: CLOUDY SUNNY 50's-60's		DEPTH TO WATER:		DATE:	
COMPLETED AS WELL? NO		WELL PERMIT NO. N/A			

DEPTH	SAMPLE NO.	SAMPLE DEPTH	RECOVERY	BLOW COUNTS	SAMPLE DESCRIPTION	HNUOVA ppm	NOTES:
25	S11	25-27	12"	9-10	MED DENSE GRAY FINE SAND	0	3/10/06 3/13/06 OVERCAST FOG 50's-60's
				12-11	tr SILT (SP)		
	S12	27-29	14"	5-12	MED DENSE GRAY FINE SAND	0	
				13-13	tr SILT (SP)		
30	S13	29-31	10"	6-9	STIFF GRAY SILT, tr CLAY (ML)	0	
				11-11			
	S14	31-33	12"	4-6	STIFF GRAY - BROWN SILT	0	
				8-20	tr CLAY (ML)		
	S15	33-35	6"	16-18	DENSE GRAY FINE SAND, tr GRAVEL	0	
				21-35	tr SILT (SP)		
35	S16	35-37	12"	14-31	V DENSE GRAY FINE SAND, tr	0	
				25-13	ANGULAR - SUBANGULAR GRAVEL (SP)		
	S17	37-39	7"	4-13	DENSE GRAY FINE SAND, tr GRAVEL	0	
				18-24	tr SILT (SP)		
40	S18	39-41	4"	7-10	M DENSE GRAY FINE SAND, tr	0	
				13-14	GRAVEL, tr SILT (SP)		
	S19	41-43	10"	15-15	DENSE GRAY FINE SAND, SOME	0	
				15-15	GRAVEL, tr SILT (SP)		
	S20	43-45	6"	2-7	MED DENSE GRAY FINE SAND	0	
				6-7	tr GRAVEL, tr SILT (SP)		
45	S21	45-47	12"	25-35	V DENSE GRAY FINE-MEDIUM SAND	0	
				39-44	tr GRAVEL, tr SILT (SP)		
	S22	47-49	13"	7-14	DENSE GRAY FINE SAND (SP)	0	
				24-49			
50	S23	49-51	6"	45-50 1/2"	V DENSE GRAY FINE SAND, tr SILT (SP)	0	

PAGE 3
GEOLOGIC LOG

PROJECT: BAYSIDE PETROLEUM (DDC)					JOB NO: 6000 4548.01		BORING NO: BC-2	
LOCATION: BUSHWICK CREEK INLET BROOKLYN NY					ELEVATION:		DEPTH: 71'	
DRILL CONTRACTOR: ADT					GEOLOGIST: JIRISH C. MUSTHYALA		DATE FINISHED: 3/13/06	
DRILLING RIG: DANEY DRILL TRUCK MOUNTED					DRILLER: BERNIE CRUZ			
DRILLING METHOD: AUGERS					DRILL FLUID: NONE		HOLE SIZE: 6 1/4"	
WEATHER: CLOUDY SUNNY 50's-60's					DEPTH TO WATER:		DATE:	
COMPLETED AS WELL? NO					WELL PERMIT NO. N/A			
DEPTH	SAMPLE NO.	SAMPLE DEPTH	RECOVERY	BLOW COUNTS	SAMPLE DESCRIPTION	HNuOVA ppm	NOTES:	
50								
55	524	55-57	7"	25-50 1/4"	V DENSE GRAY FINE SAND, SILT (SP)	0		
60	525	60-62	9"	45-50 1/2"	V DENSE GRAY FINE SAND, SILT (SP)	0	SAMPLE FOR LABORATORY	
65	526	65-67	12"	7-13 21-24	DENSE GRAY FINE SAND, SILT (SP)	0		
70	527	67-71	6"	9-13 17-21	HARD GRAY CLAYEY SILT (ML)	0		
					EOB @ 71'			

Metcalf & Eddy, Inc.

PAGE 1
GEOLOGIC LOG

PROJECT: BAYSIDE PETROLEUM (DDC)		JOB NO: 60005458.01		BORING NO: BC-3	
LOCATION: BUSHWICK CREEK INLET BROOKLYN NY		ELEVATION:		DEPTH: 62'	
		DATE BEGUN: 2/27/06		DATE FINISHED: 3/1/06	
DRILL CONTRACTOR: ADT			GEOLOGIST: MICHEAL DAVIES		
DRILLING RIG: DAVEY DRILL - TRACK MOUNTED			DRILLER: BERNIE CRUZ		
DRILLING METHOD: AUGERS			DRILL FLUID: NONE		HOLE SIZE: 6 1/4"
WEATHER: 20's CLEAR WINDY		DEPTH TO WATER: 9'		DATE: 2/27/06	
COMPLETED AS WELL? NO		WELL PERMIT NO. N/A			

DEPTH	SAMPLE NO.	SAMPLE DEPTH	RECOVERY	BLOW COUNTS	SAMPLE DESCRIPTION	HNMOVA ppm	NOTES:	
5					BORING LOCATION CLEARED TO 5' FOR UTILITIES		USING SAFETY HAMMER	
10	S1	5-7	12"	6-5	LOOSE BLACK TO DARK BROWN SILTY FINE SAND, TR-ORGANICS (SM)	0	GROUNDWATER ENCOUNTERED @ 9' DEGRADED PETROLEUM ODOR	
				4-5				
	S2	7-9	12"	3-4	LOOSE BLACK TO DARK BROWN SILTY FINE SAND, TR-ORGANICS (SM)	0		
				4-5				
15	S3	9-11	1"	2-2	U LOOSE BROWN SILTY FINE SAND (SM)	0		
				2-2				
	S4	11-13	1"	1-5	M DENSE BLACK SILTY FINE SAND (SM)	0		
				5-3				
20	S5	13-15	6"	2-3	LOOSE BLACK SILTY FINE SAND (SM)	32.8		15' FILL MUD SAMPLED FOR LABORATORY
				3-3				
	S6	15-17	18"	2-2	U LOOSE BLACK SILTY FINE SAND (SM)	52.8		
				2-5				
25	S7	17-19	20"	3-2	U LOOSE BLACK ORGANIC SILT (ML/OL)	58.3		
				2-2				
	S8	19-21	18"	3-3	LOOSE BLACK ORGANIC SILT, TR CLAY (ML/OL)	85.0		
				2-4				
25	S9	21-23	20"	1-1	U LOOSE BLACK ORGANIC SILT, TR CLAY (ML/OL)	48.7		
				2-2				
		S10	23-25	18"	4-4	LOOSE BLACK ORGANIC SILT, TR CLAY (ML/OL)	40.3	
				3-7				

Metcalf & Eddy, Inc.

PAGE 2

GEOLOGIC LOG

PROJECT: BAYSIDE PETROLEUM		JOB NO: 60005458.01		BORING NO: BC-3	
LOCATION: BUSHWICK CREEK INLET BROOKLYN NY		ELEVATION:		DEPTH:	
		DATE BEGUN: 2/27/06		DATE FINISHED: 3/1/06	
DRILL CONTRACTOR: ADT			GEOLOGIST: MICHAEL DAVIES		
DRILLING RIG: DAVEY DRILL - TRACK MOUNTED			DRILLER: BERNIE CRUZ		
DRILLING METHOD: AUGERS			DRILL FLUID: NONE		HOLE SIZE: 6 1/4"
WEATHER: 20's CLEAR WINDY		DEPTH TO WATER: 9'		DATE: 2/27/06	
COMPLETED AS WELL? NO		WELL PERMIT NO. N/A			

DEPTH	SAMPLE NO.	SAMPLE DEPTH	RECOVERY	BLOW COUNTS	SAMPLE DESCRIPTION	HMWVA ppm	NOTES:
25	S11	25-27	12"	2-2	LOOSE BLACK ORGANIC SILT	999	HEAVY CONTAMINATION 27' MUD SOIL
				2-2	CLAY (ML/OL)		
	S12	27-29	12"	6-22	VLACID GRAY-GREEN SILTY CLAY	0	
				11-16	CL-LITTLE FINE SAND (CL)		
30	S13	29-31	16"	5-8	M DENSE GRAY SILTY FINE SAND	0	
				8-4	CL-LITTLE CLAY (SM)		
	S14	31-33	16"	3-4	M DENSE - DENSE GRAY BROWN SILTY	0	
				17-18	FINE SAND, CL-LITTLE CLAY (SM)		
35	S15	33-35	12"	8-9	M DENSE GRAY BROWN SILTY FINE	0	
				14-12	SAND, CL-LITTLE CLAY (SM)		
	S16	35-37	18"	4-6	A) M DENSE GRAY BROWN SILTY FINE SAND	0	15" SAND 3" CLAY
				7-8	B) M HARD RED BROWN SANDY CLAY (CL)		
	S17	37-39	18"	8-9	A) M HARD RED BROWN SANDY CLAY (CL)	0	9" CLAY 9" SAND
				19-22	B) DENSE RED BROWN CLAYEY SAND (SC)		
40	S18	39-41	20"	5-5	M DENSE GRAY FINE SAND, CL SILT	0	
				7-7	CL CLAY (SP)		
	S19	41-43	18"	5-7	M DENSE GRAY FINE SAND, CL SILT	0	
				15-16	CL CLAY (SP)		
	S20	43-45	20"	10-19	DENSE GRAY SILTY FINE - MEDIUM	0	
				23-15	SAND, CL CLAY (SM)		
45	S21	45-47	20"	5-19	DENSE GRAY SILTY FINE SAND (SM)	0	
				18-13			
	S22	47-49	24"	23-26	DENSE GRAY SILTY FINE SAND (SM)	0	
				41-59 1/2			
50	S23	49-51	18"	31-54 1/4	DENSE GRAY SILTY FINE SAND (SM)	0	

Page 3
GEOLOGIC LOG

PROJECT: BAYSIDE PETROLEUM

LOCATION: BUSHWICK CREEK INLET
BROOKLYN NY

DRILL CONTRACTOR: ADT

DRILLING RIG: DAVEY DRILL - TRACK MOUNTED

DRILLING METHOD: AUGERS

WEATHER: 20' CLOUD WINDY

COMPLETED AS WELL? NO

JOB NO: 60005458.01

ELEVATION:

DATE BEGUN: 2/27/06

GEOLOGIST: MICHAEL DAVIES

DRILLER: BERNIE CRUZ

DRILL FLUID: NONE

DEPTH TO WATER: 9'

WELL PERMIT NO. N/A

BORING NO: BC-3

DEPTH: 62'

DATE FINISHED: 3/1/06

HOLE SIZE: 6 1/4"

DATE: 2/27/06

DEPTH	SAMPLE NO.	SAMPLE DEPTH	RECOVERY	BLOW COUNTS	SAMPLE DESCRIPTION	HNW/NOV	NOTES:	
50	524	51-53	16"	12-27 34-50 1/2"	VDENSE GRAY SILTY FINE SAND (SM)	0	SAND HEAVING INTO AUGERS DRILL TO 60' AND COLLECT SAMPLES	
60	525	60-62	16"	14-21 50 1/2"	V DENSE GRAY SILTY FINE SAND (SM)	0	SAMPLE FOR LABORATORY	
					EOB @ 62			

Metcalf & Eddy, Inc.

Page 1
GEOLOGIC LOG

PROJECT: BAYSIDE PETROLEUM (DRC)		JOB NO: 6000 5458.01		BORING NO: BC-4	
LOCATION: BUSHWICK CREEK INLET BROOKLYN NY		ELEVATION:		DEPTH: 69'	
		DATE BEGUN: 3/1/06		DATE FINISHED: 3/3/06	
DRILL CONTRACTOR: ADT			GEOLOGIST: MICHAEL DAVIES		
DRILLING RIG: DAVEY DRILL - TRACK MOUNTED			DRILLER: BERNIE CRUZ		
DRILLING METHOD: ANGERS			DRILL FLUID: NONE		HOLE SIZE: 6 1/4"
WEATHER: 20's CLEAR WINDY			DEPTH TO WATER: 9'		DATE: 3/1/06
COMPLETED AS WELL? NO			WELL PERMIT NO. N/A		

DEPTH	SAMPLE NO.	SAMPLE DEPTH	RECOVERY	BLOW COUNTS	SAMPLE DESCRIPTION	WATER VOLUME ppm	NOTES:
					N 40 43 480 W 73 57 492 > GPS COORDINATES		USING SATTER HAMMER
					BORING LOCATION CLEARED TO 5' FOR UTILITIES		
5	51	5-7	0"	6-6	NO RECOVERY	—	CONCRETE DEBRIS
				7-5			
	52	7-9	2"	5-4	LOOSE BLACK SILTY CLAY, GR-LITTLE FINE SAND (CL)	0	
				3-4			
10	53	9-11	4"	1-2	LOOSE BLACK SILTY CLAY, GR-LITTLE FINE SAND (CL)	0	
				5-3			
	54	11-13	6"	2-2	LOOSE BLACK SILTY CLAY, GR-LITTLE FINE SAND (CL)	0	
				4-4			
	55	13-15	8"	2-2	LOOSE BLACK SILTY CLAY, GR-LITTLE FINE SAND (CL)	0	
				3-4			
15	56	15-17	6"	NOH-1	V LOOSE BLACK ORGANIC SILT, GR CLAY (ML/OL)	0	15' FILL MUD
				2-2			
	57	17-19	10"	2-1	V LOOSE BLACK ORGANIC SILT GR CLAY (ML/OL)	0	
				2-2			
20	58	19-21	20"	2-1	V LOOSE BLACK ORGANIC SILT GR CLAY (ML/OL)	0	SAMPLE FOR LABORATORY
				2-2			
	59	21-23	20"	2-2	V LOOSE BLACK ORGANIC SILT GR CLAY (ML/OL)	0	
				2-2			
25	510	23-25	22"	NOH-2	V LOOSE BLACK ORGANIC SILT GR CLAY (ML/OL)	0	
				2-2			

Metcalf & Eddy, Inc.

PAGE 2

GEOLOGIC LOG

PROJECT: BAYSIDE PETROLEUM		JOB NO: 60005458.01		BORING NO: BC-4	
LOCATION: BUSHWICK CREEK INLET BROOKLYN NY		ELEVATION:		DEPTH: 69'	
		DATE BEGUN: 3/1/06		DATE FINISHED: 3/3/06	
DRILL CONTRACTOR: ADT			GEOLOGIST: MICHAEL DAVIS		
DRILLING RIG: DAVEY DRILL - TRUCK MOUNTED			DRILLER: BERNIE CRUZ		
DRILLING METHOD: AUGERS			DRILL FLUID: NONE		HOLE SIZE: 6 1/4"
WEATHER: 20s CLEAR WINDY			DEPTH TO WATER: 9'		DATE: 3/1/06
COMPLETED AS WELL? NO			WELL PERMIT NO. N/A		

DEPTH	SAMPLE NO.	SAMPLE DEPTH	RECOVERY	BLOW COUNTS	SAMPLE DESCRIPTION	HN/NOVA PPM	NOTES:
25	S11	25-27	24"	WOB/24	V LOOSE BLACK ORGANIC SILT to CLAY (ML/OL)	0	
	S12	27-29	20"	WOB/12"	V LOOSE BLACK ORGANIC SILT to CLAY (ML/OL)	0	
30	S13	29-31	20"	3-2	V LOOSE BLACK ORGANIC SILT to CLAY (ML/OL)	0	
	S14	31-33	22"	2-8	V HARD LIGHT BROWN SILTY CLAY (CL)	0	31' MOD. SOIL
	S15	33-35	22"	15-16	DENSE LIGHT BROWN SILTY FINE SAND (SM)	0	
35	S16	35-37	20"	9-14	DENSE LIGHT BROWN SILTY FINE SAND (SM)	0	
	S17	37-39	22"	15-19	DENSE LIGHT BROWN SILTY FINE SAND (SM)	0	
40	S18	39-41	4'	7-11	M. DENSE LIGHT BROWN CLAYEN SAND (SC)	0	
	S19	41-43	4'	13-14	DENSE LIGHT BROWN CLAYEN. SAND (SC)	0	
	S20	43-45	8"	24-32	DENSE LIGHT BROWN CLAYEN SAND (SC)	0	
45	S21	45-47	18"	21-22	V DENSE BROWN SILTY FINE SAND (SM)	0	
	S22	47-49	7"	23-28	V DENSE BROWN SILTY FINE SAND (SM)	0	
50	S23	49-51	8"	29-32	V DENSE BROWN SILTY FINE SAND (SM)	0	
	S24	51-53	8"	36-50	V DENSE BROWN SILTY FINE SAND (SM)	0	
	S25	53-55	8"	29-31	V DENSE BROWN SILTY FINE SAND (SM)	0	

PAGE 3
GEOLOGIC LOG

[illegible]

Metcalf & Eddy, Inc.

PAGE 1
GEOLOGIC LOG

PROJECT: BAYSIDE PETROLEUM LDDC		JOB NO: 60004548.01		BORING NO: BC-5	
LOCATION: BUSHWICK CREEK WRET BROOKLYN NY		ELEVATION:		DEPTH: 72'	
		DATE BEGUN: 3/6/06		DATE FINISHED: 3/7/06	
DRILL CONTRACTOR: ADT			GEOLOGIST: SIRISH C. MUSTHYANA		
DRILLING RIG: DAKY DRILL - TRAIL MOUNTED			DRILLER: BERNIE CARL		
DRILLING METHOD: AUGERS			DRILL FLUID: NONE		HOLE SIZE: 6 1/8"
WEATHER: CLEAR SUNNY 40-45°			DEPTH TO WATER:		DATE:
COMPLETED AS WELL? NO			WELL PERMIT NO. N/A		

DEPTH	SAMPLE NO.	SAMPLE DEPTH	RECOVERY	BLOW COUNTS	SAMPLE DESCRIPTION	HM/NOVA PPH	NOTES:
0					N 40 43 515 > GPS COORDINATES W 73 57 501		USING SAFETY HAMMER
					BORING LOCATION CLEARED TO 5' FOR UTILITIES		
5	51	5-7	9"	3-2	LOOSE BLACK ASH & CINDER FILL WITH WOOD FRAGMENTS (SW)	0	
				4-3			
	52	7-9	10"	3-2	V LOOSE GRAY-BROWN FINE SAND SOME SILT, tr. GRAVEL (SP)	0	
				2-2			
10	63	9-11	13"	1-1	V SUFT GRAY SILT, tr. CLAY tr. GRAVEL (ML)	0	
				1-2			
	54	11-13	15"	3-6	MED DENSE GRAY FINE-MED SAND SOME SILT, tr. CLAY, CLINKER ASH	0	
				11-13			
	55	13-15	9"	2-2	V LOOSE BLACK SILT, tr. CLAY (ML)	0	11' FILL ORGANIC ODOM MUD
				2-2			
15	56	15-17	7"	2-3	LOOSE GRAY SILT, tr. CLAY, tr. WOOD FRAGMENT (ML)	0	
				2-2			
	57	17-19	12"	5-4	LOOSE GRAY SILT, tr. CLAY (ML)	0	SAMPLE FOR LABORATORY
				5-6			
20	58	19-21	8"	13-6	MED. DENSE GRAY SILT, tr. CLAY (ML)	0	
				7-7			
	59	21-23	3"	4-3	LOOSE BLACK ORGANIC SILT tr. CLAY (ML)	0	
				2-2			
	510	23-25	4"	4-4	LOOSE GRAY SILT, tr. CLAY (ML)	0	
25				3-4			

Metcalf & Eddy, Inc.

PAGE 2
GEOLOGIC LOG

PROJECT: BAYSIDE PETROCEUM (ODC)		JOB NO: 60004548.01		BORING NO: BC-5	
LOCATION: BUSHWICK CREEK INLET BROOKLYN, NY		ELEVATION:		DEPTH: 72'	
		DATE BEGUN: 3/6/06		DATE FINISHED: 3/7/06	
DRILL CONTRACTOR: ADT			GEOLOGIST: SIKISH C. MUSTHYALA		
DRILLING RIG: DAVEY DRILL - TRACK MOUNTED			DRILLER: BERNIE CRUZ		
DRILLING METHOD: AUGERS			DRILL FLUID: NONE		HOLE SIZE: 6 1/2"
WEATHER: CLEAR SUNNY 40-45°			DEPTH TO WATER:		DATE:
COMPLETED AS WELL? NO			WELL PERMIT NO. N/A		

DEPTH	SAMPLE NO.	SAMPLE DEPTH	RECOVERY	BLOW COUNTS	SAMPLE DESCRIPTION	HMWVA ppm	NOTES:
25	511	25-27	11"	3-2	LOOSE GRAY SILT, GR CLAY (ML)	0	
				3-4		0	
30	512	27-29	14"	2-7	MEDIUM DENSE GRAY FINE SAND GR SILT (SP)	0	
				14-14		0	
	513	29-31	10"	10-11	MED DENSE GRAY FINE SAND GR SILT (SP)	0	
				13-21		0	
35	514	31-33	12"	13-21	DENSE GRAY FINE SAND, GR SILT (SP)	0	
				119-21		0	
	515	33-35	9"	9-14	V STIFF GRAY SILT, GR CLAY (ML)	0	
				14-16		0	
40	516	35-37	10"	5-11	V STIFF GRAY SILT, GR CLAY (ML)	0	
				15-17		0	
	517	37-39	18"	5-7	MED DENSE GRAY FINE-COARSE SAND, GR SILT, GR GRAVEL (SW)	0	
				13-15		0	
45	518	39-41	13"	10-15	DENSE GRAY FINE SAND, GR SILT GR GRAVEL (SP)	0	
				19-22		0	
	519	41-43	9"	13-26	DENSE GRAY FINE-MED SAND LITTLE GRAVEL, GR SILT (SP)	0	
				26-19		0	
50	520	43-45	16"	13-26	DENSE GRAY FINE-MED SAND GR GRAVEL, SILT (SP)	0	3/6/06
				23-21		0	3/7/06
	521	45-47	13"	19-23	DENSE GRAY FINE-MED SAND LITTLE GRAVEL, GR SILT (SP)	0	CLEAR SUNNY 60°
				21-25		0	
50	522	47-49	15"	19-23	DENSE GRAY FINE-MED SAND, SOME GRAVEL, GR SILT (SP)	0	
				27-21		0	
	523	49-51	6"	40-50 3/4	DENSE GRAY FINE SAND, GR GRAVEL GR SILT (SP)	0	

Metcalf & Eddy, Inc.

PAGE 3
GEOLOGIC LOG

PROJECT: BAYSIDE PETROLBUM (DDC)		JOB NO: 60064548.01		BORING NO: 8C-5	
LOCATION: BUSHWICK CREEK INLET BROOKLYN NY		ELEVATION:		DEPTH: 72'	
		DATE BEGUN: 3/6/06		DATE FINISHED: 3/7/06	
DRILL CONTRACTOR: ADT			GEOLOGIST: SIRISH C. MUSTHYALA		
DRILLING RIG: DAVEY DRILL - TRACK MOUNTED			DRILLER: BERNIE CRUZ		
DRILLING METHOD: AUGERS			DRILL FLUID: NONE		HOLE SIZE: 6 1/4"
WEATHER: CLEAR SUNNY 40°-45°		DEPTH TO WATER:		DATE:	
COMPLETED AS WELL? NO		WELL PERMIT NO. N/A			

DEPTH	SAMPLE NO.	SAMPLE DEPTH	RECOVERY	BLOW COUNTS	SAMPLE DESCRIPTION	HIW/OVA ppm	NOTES:
50							
	524	51-53	7"	30-50 1/2"	VDENSE GRAY FINE SAND, GR GRAVEL GR SILT (SP)	0	
	525	53-55	9"	40-50 1/2"	VDENSE GRAY FINE SAND, GR SILT GR GRAVEL (SP)	0	
55	526	55-57	14"	11-22 50/5"	VDENSE GRAY FINE SAND, GR SILT GR GRAVEL (SP)	0	SAMPLE FOR LABORATORY
60	527	60-62	12"	17-27 23-30	VDENSE GRAY SILT, GR CLAY (ML)	0	
65	528	65-67	9"	25-49 50 1/2"	VDENSE GRAY FINE-MEDIUM SAND GR GRAVEL, GR SILT (SP)	0	
70	529	70-72	7"	61-72 1/2"	VDENSE GRAY-BROWN F-C SAND, SAND GRAVEL, GR SILT	0	
					EOB @ 72'		

Metcalf & Eddy, Inc.

PAGE 1

GEOLOGIC LOG

PROJECT: BAYSIDE PETROLEUM (DDC)		JOB NO: 6000 5458.01		BORING NO: BC-6	
LOCATION: BUSHWICK CREEK INLET BROOKLYN NY		ELEVATION:		DEPTH: 69'	
		DATE BEGUN: 3/8/06		DATE FINISHED: 3/9/06	
DRILL CONTRACTOR: ADT			GEOLOGIST: SRISH C. MUSTHYALA		
DRILLING RIG: DALEY DRILL - TRUCK MOUNTED			DRILLER: BERNIE CRUZ		
DRILLING METHOD: AUGERS			DRILL FLUID: NONE		HOLE SIZE: 6 1/4"
WEATHER: CLEAR SUNNY 45°		DEPTH TO WATER:		DATE:	
COMPLETED AS WELL? NO		WELL PERMIT NO. N/A			

DEPTH	SAMPLE NO.	SAMPLE DEPTH	RECOVERY	BLOW COUNTS	SAMPLE DESCRIPTION	HNMOVA ppm	NOTES:
					N 40 43 536 W 73 57 569 > GPS COORDINATES		USING SAFETY HAMMER
					BORING LOCATION CLEARED TO 5' FOR UTILITIES		
5	51	5-7	0"	11-13	NO RECOVERY	—	
				12-9			
	52	7-9	3"	5-3	LOOSE BROWN-BLACK FINE-MED SAND SOME GRAVEL, GR SILT (SP)	0	
				3-2			
10	53	9-11	4"	1-1	V LOOSE BLACK FINE SAND, GR SILT GR GRAVEL (SP)	0	
				3-4			
	54	11-13	15"	4-3	LOOSE BROWN-GRAY FINE-MED SAND GR GRAVEL, GR SILT, GR DECOMPOSED WOOD (SP)	0	
				2-2			
	55	13-15	18"	2-1	A) V LOOSE GRAY FINE-MED SAND, GR GRAVEL (SP)	0	15' SAND 13.5' FILL
				2-2	B) SOFT GRAY-BLACK SILT, GR CLAY (ML)	0	3' SILT MUD
15	56	15-17	20"	WOH/6" WOH/12"	V SOFT GRAY CLAYEY SILT, GR SHELLS (ML)	0	
				WOH/2"			
	57	17-19	21"	WOH/24"	V SOFT GRAY CLAYEY SILT, GR SHELLS (ML)	0	
20	58	19-21	21"	WOH/12"	V SOFT GRAY CLAYEY SILT (ML)	0	SAMPLE FOR LABORATORY
				1-1			
	59	21-23	20"	1-1	V SOFT GRAY SILT, GR CLAY GR SHELLS (ML)	0	
				1-2			
	510	23-25	14"	WOH/6"-1	V SOFT GRAY CLAYEY SILT GR SHELLS (ML)	0	
25				1-1			

Metcalf & Eddy, Inc.

PAGE 2

GEOLOGIC LOG

PROJECT: BAYSIDE PETROLEUM (DDC)		JOB NO: 60005458.01		BORING NO: BC-6	
LOCATION: BUSHWICK CREEK INLET BROOKLYN NY		ELEVATION:		DEPTH: 69'	
		DATE BEGUN: 3/8/06		DATE FINISHED: 3/9/06	
DRILL CONTRACTOR: ADT			GEOLOGIST: SIRISH MUSTHYALA		
DRILLING RIG: DAVEY DECK - TONK MOUNTAIN			DRILLER: BERNIE CRUZ		
DRILLING METHOD: AUGERS			DRILL FLUID: NONE		HOLE SIZE: 6 1/4"
WEATHER: CLEAR SUNNY 45°		DEPTH TO WATER:		DATE:	
COMPLETED AS WELL? NO		WELL PERMIT NO. N/A			

DEPTH	SAMPLE NO.	SAMPLE DEPTH	RECOVERY	BLOW COUNTS	SAMPLE DESCRIPTION	HMUOVA ppm	NOTES:
25	S11	25-27	12"	WOB/24"	V SOFT GRAY CLAYEY SILT, br SHALLS (ML)	0	
	S12	27-29	16"	WOB/6"-1	A) V SOFT GRAY CLAYEY SILT (ML) B) V SOFT PEAT, DECOMPOSED WOOD (PT)	0 0	12" SILT ORGANIC OR 4" PEAT
30	S13	29-31	4"	1-2	SOFT BLACK ORGANIC SILT, br CLAY br DECOMPOSED WOOD (PT)	0	31' MUD
	S14	31-33	6"	3-9	MED DENSE GRAY FINE SAND br SILT (SP)	0	SOIL
35	S15	33-35	14"	6-7	MED DENSE GRAY FINE SAND br SILT, br GRAVEL (SP)	0	
	S16	35-37	11"	7-12	MED DENSE GRAY FINE SAND, br SILT, br GRAVEL (SP)	0	
40	S17	37-39	8"	8-10	V STIFF GRAY SILT, br CLAY (ML)	0	
	S18	39-41	10"	4-6	STIFF GRAY SILT, br CLAY (ML)	0	
45	S19	41-43	11"	3-7	STIFF GRAY GRAY SILT, br CLAY (ML)	0	3/8/06
	S20	43-45	9"	4-6	STIFF GRAY SILT, br CLAY (ML)	0	3/9/06
50	S21	45-47	12"	4-6	STIFF GRAY SILT, br FINE SAND br CLAY (ML)	0	OVERCAST 40-45°
	S22	47-49	11"	8-8	V STIFF GRAY SILT, br CLAY (ML)	0	
50	S23	49-51	6"	3-4	MED DENSE GRAY FINE SAND	0	

Metcalf & Eddy, Inc.

PAGE 3
GEOLOGIC LOG

PROJECT: BAYSIDE PETROLEUM (DDC)		JOB NO: 6000 S458.01		BORING NO: BC-C	
LOCATION: BUSCHWICK CREEK INLET BROOKLYN NY		ELEVATION:		DEPTH: 69'	
		DATE BEGUN: 3/8/06		DATE FINISHED: 3/9/06	
DRILL CONTRACTOR: ADT			GEOLOGIST: SIRISH MUSTHYAZA		
DRILLING RIG: DAY 4 DRILL - TRACK MOUNTAIN			DRILLER: BERNIE CRUZ		
DRILLING METHOD: AUGERS			DRILL FLUID: NONE		HOLE SIZE: 6 1/4"
WEATHER: CLEAR SUNNY 45°		DEPTH TO WATER:		DATE:	
COMPLETED AS WELL? NO		WELL PERMIT NO. N/A			

DEPTH	SAMPLE NO.	SAMPLE DEPTH	RECOVERY	BLOW COUNTS	SAMPLE DESCRIPTION	HNWQA ppm	NOTES:
50					TR GRAVEL, GR SILT (SP)		
55	524	53-57	13"	9-10	MED DENSE GRAY FINE SAND LITTLE GRAVEL; GR SILT (SP)	0	
				5-13			
60	525	60-62	12"	27-38	V DENSE GRAY FINE SAND GR SILT, GR GRAVEL (SP)	29.1	
				50/3"			
	526	62-64	19"	18-50/3"	V DENSE GRAY FINE SAND GR SILT (SP)	0	
65	527	65-67	6"	10-14	HARD GRAY SILT, GR CLAY (ML)	0	
				16-18			
	528	67-69	6"	12-21	HARD GRAY SILT, GR CLAY (ML)	0	
				22-24			
70					EOB @ 69'		

SAMPLE FOR LABORATORY
NO DDOR IN SAMPLES

Metcalf & Eddy, Inc.

PAGE 1

GEOLOGIC LOG

PROJECT: BAYSIDE PETROLEUM (DDC)		JOB NO: 6000 5458,01		BORING NO: BC-7	
LOCATION: BUSHWICK CREEK INLET BROOKLYN NY		ELEVATION:		DEPTH: 71'	
		DATE BEGUN: 3/16/06		DATE FINISHED: 3/17/06	
DRILL CONTRACTOR: ADT			GEOLOGIST: SRISH C. MUSTHYALA		
DRILLING RIG: DANEY DRILL - TRACK MOUNTED			DRILLER: BERNIE CRUZ		
DRILLING METHOD: AUGERS			DRILL FLUID: NONE		HOLE SIZE: 6 1/4"
WEATHER: CLEAR SUNNY 40-45°		DEPTH TO WATER:		DATE:	
COMPLETED AS WELL? NO		WELL PERMIT NO. N/A			

DEPTH	SAMPLE NO.	SAMPLE DEPTH	RECOVERY	BLOW COUNTS	N 4043561 W 7357625 > GPS COORDINATES	SAMPLE DESCRIPTION	HNWQA ppm	USING SAFETY HANDBOOK	NOTES:
0						BORING LOCATION CLEARED TO 5' FOR UTILITIES			
5	51	5-7	6"	1-1		V LOOSE GRAY-BLACK FINE-MED SAND SOME GRAVEL, tr SILT, ASH & CINDERS, WOOD (SP)	0		
				2-1					
	52	7-9	10"	1-2		LOOSE GRAY-BLACK FINE-MED SAND SOME GRAVEL, tr SILT, ASH & CINDERS, WOOD (SP)	0		
				3-1					
10	53	9-11	6"	4-8		MED DENSE GRAY FINE SAND, tr GRAVEL, tr SILT (SP)	0		
				4-3					
	54	11-13	9"	4-3		LOOSE GRAY FINE SAND, tr SILT (SP)	0		
				3-2					
	55	13-15	12"	2-1		V LOOSE BLACK ORGANIC SILT tr CLAY, tr FINE SAND (ML/DL)	0		
				1-1					
15	56	15-17	4"	1-1		VERY LOOSE GRAY CLAYEY SILT tr FINE SAND (ML)	0		
				1-1					
	57	17-19	10"	1-1		V LOOSE GRAY CLAYEY SILT tr FINE SAND (ML)	0		
				2-2					
20	58	19-21	12"	1-1		V LOOSE GRAY CLAYEY SILT tr FINE SAND (ML)	0		
				1-1					
	59	21-23	14"	NON/24"		V LOOSE GRAY CLAYEY SILT, tr FINE SAND, SHELLS (ML)	0		
25	510	23-25	16"	1-1		V LOOSE GRAY CLAYEY SILT, tr FINE SAND (ML)	0		
				1-1					

Metcalf & Eddy, Inc.

PAGE 2
GEOLOGIC LOG

PROJECT: BAYSIDE PETROLEUM (DDC)		JOB NO: 60005458.01		BORING NO: BC-7	
LOCATION: BUSHNICK CREEK INLET BROOKLYN NY		ELEVATION:		DEPTH: 71'	
		DATE BEGUN: 3/16/66		DATE FINISHED: 3/17/66	
DRILL CONTRACTOR: ADT			GEOLOGIST: JIRISH C. MUSTHYALA		
DRILLING RIG: DAVEY DRILL - TRAIL MOUNTED			DRILLER: BERNIE CRUZ		
DRILLING METHOD: AUGERS			DRILL FLUID: NONE		HOLE SIZE: 6 1/4"
WEATHER: CLEAR SUNNY 40-45°		DEPTH TO WATER:		DATE:	
COMPLETED AS WELL? NO		WELL PERMIT NO. N/A			

DEPTH	SAMPLE NO.	SAMPLE DEPTH	RECOVERY	BLOW COUNTS	SAMPLE DESCRIPTION	HNMOVA ppm	NOTES:
85	S11	25-27	8"	W 1/2" - 1	V LOOSE BLACK ORGANIC SILT OR CLAY (ML)	0	
				2-3			
	S12	27-29	10"	2-3	V LOOSE BLACK ORGANIC SILT OR CLAY	1.5	
				4-5			
30	S13	29-31	12"	5-6	M DENSE SILTY FINE SAND (SM)	0	27' MUD SOIL
				7-8			
	S14	31-33	14"	4-4	M DENSE FINE-MED SAND, OR SILT OR SUBANGULAR GRAVEL (SP)	0	
				8-8			
	S15	33-35	12"	7-7	M DENSE GRAY FINE SAND, OR SILT, OR GRAVEL (SP)	0	
				11-14			
35	S16	35-37	18"	13-17	DENSE GRAY FINE-MEDIUM SAND OR SILT, OR GRAVEL	0	
				15-21			
	S17	37-39	16"	10-14	DENSE GRAY SILTY FINE SAND OR SUBANGULAR GRAVEL (SM)	0	
				21-24			
40	S18	39-41	6"	12-7	M. DENSE BROWN FINE-MED SAND LITTLE GRAVEL, OR SILT (SP)	0	
				11-11			
	S19	41-43	12"	11-16	V STIFF BROWN - GRAY SILT, OR CLAY (ML)	0	
				13-13			
	S20	43-45	6"	7-13	V HARD RED BROWN - GRAY SILT OR CLAY (ML)	0	3/16/66 3/17/66
				17-19			
45	S21	45-47	8"	13-15	HARD RED BROWN - GRAY SILT OR CLAY (ML)	0	3/16/66 3/17/66
				17-21			
	S22	47-49	10"	3-4	STIFF GRAY CLAY SILT (ML)	0	
				5-10			
50	S23	49-51	0"	50/1"	NO RECOVERY	—	ENCOUNTER BOULDER GRIND THROUGH CONTINUE SAMPLING

Metcalf & Eddy, Inc.

PAGE 3
GEOLOGIC LOG

PROJECT: BAYSIDE PETROLEUM (ODC)		JOB NO: 6000 5458.01		BORING NO: BC-7	
LOCATION: BOSHWICK CREEK INLET BROOKLYN NY		ELEVATION:		DEPTH: 71'	
		DATE BEGUN: 3/16/06		DATE FINISHED: 3/17/06	
DRILL CONTRACTOR: ADT			GEOLOGIST: SIRISH C. MUSTHYLA		
DRILLING RIG: DAVEY DRILL - TRACK MOUNTED			DRILLER: BERNIE CRUZ		
DRILLING METHOD: AUGERS			DRILL FLUID: NONE		HOLE SIZE: 6 1/2"
WEATHER: CLEAR SUNNY 40°-45°			DEPTH TO WATER:		DATE:
COMPLETED AS WELL? NO			WELL PERMIT NO. N/A		

DEPTH	SAMPLE NO.	SAMPLE DEPTH	RECOVERY	BLOW COUNTS	SAMPLE DESCRIPTION	HNMOVA ppm	NOTES:
50							
55	524	55-57	12"	13-12 11-19	M DENSE GRAY FINE-MED SAND to GRAVEL, BR SILT (SP)	0	
60	525	60-62	10"	13-19 23-27	HARD GRAY CLAYEY SILT, BR FINE SAND (PL)	0	SAMPLE FOR LABORATORY
65	526	65-67	0"	50 1/2"	NO RECOVERY	0	
70	527	69-71	6"	13-19 23-21	HARD GRAY-RED WHITE CLAY (CL)	0	
					EOB @ 71'		

Metcalf & Eddy, Inc.

PAGE 4

GEOLOGIC LOG

PROJECT: BAYSIDE PETROLEUM (DDC)		JOB NO: 60005458.01		BORING NO: BC-8	
LOCATION: BUSHWICK CREEK INLET BROOKLYN NY		ELEVATION:		DEPTH: 43.7'	
		DATE BEGUN: 3/18/06		DATE FINISHED: 3/18/06	
DRILL CONTRACTOR: ADT			GEOLOGIST: SRISH C. MUSTHYALA		
DRILLING RIG: DAVEY DRILL - TRACK MOUNTED			DRILLER: BERNIE CRUZ		
DRILLING METHOD: AUGERS			DRILL FLUID: NONE		HOLE SIZE: 6 1/4"
WEATHER: CLEAR SUNNY WINDY 30°-40°		DEPTH TO WATER:		DATE:	
COMPLETED AS WELL? NO		WELL PERMIT NO. N/A			

DEPTH	SAMPLE NO.	SAMPLE DEPTH	RECOVERY	BLOW COUNTS	GPS COORDINATES N 4043563 W 7357649	SAMPLE DESCRIPTION	HNW/VA PPM	NOTES:
0						BORING LOCATION CLEARED TO 5' FOR UTILITIES		
5	S1	5-7	8"	3-1		V LOOSE GRAY-BROWN FINE SAND, LITTLE GRAVEL, OR SILT (SP)	0	
				2-4				
	S2	7-9	9"	1-1		V LOOSE RED/BROWN FINE SAND, TR SILT (SP)	0	
				2-1				
10	S3	9-11	12"	2-1		V LOOSE RED/BROWN FINE SAND, TR SILT (SP)	0	
				WOH/12"				
	S4	11-13	14"	1-1		V LOOSE RED/BROWN FINE SAND, OR SILT (SP)	0	
				WOH/12"				
	S5	13-15	8"	1-1		V LOOSE RED/BROWN FINE SAND, OR SILT (SP)	0	
				1-1				
15	S6	15-17	12"	1-1		V LOOSE RED/BROWN FINE SAND, OR SILT (SP)	0	
				1-1				
	S7	17-19	14"	1-1		V SOFT GRAY CLAYEY SILT, OR FINE SAND (ML)	0	
				1-1				
20	S8	19-21	16"	WOH/12"		V SOFT GRAY CLAYEY SILT, OR FINE SAND (ML)	0	
				WOH/12"				
	S9	21-23	6"	2-1		V LOOSE GRAY SILTY FINE SAND (SM)	0	
				1-2				
	S10	23-25		2-1		V SOFT GRAY CLAYEY SILT, OR FINE SAND (ML)	0	
25				1-2				

17' FILL
MUD

PAGE 2

PROJECT: BAYSIDE PETROLEUM (DDC)

LOCATION: BUSHTICK CREEK INLET
BROOKLYN NY

DRILL CONTRACTOR: MDT

DRILLING RIG: DIVEY DRILL - TRACK MOUNTED

DRILLING METHOD: AUGERS

WEATHER: CLOUDY 30°-40°

COMPLETED AS WELL? ND

JOB NO: 60005458-01

ELEVATION:

DATE BEGUN: 3/18/06

GEOLOGIST: STRIST C. MUSTHYALA

DRILLER: BERNIE CRUZ

DRILL FLUID: NONE

DEPTH TO WATER:

WELL PERMIT NO. N/A

BORING NO: BC-8

DEPTH: 43.7'

DATE FINISHED: 3/18/06

HOLE SIZE: 6 1/4"

DATE:

DEPTH	SAMPLE NO.	SAMPLE DEPTH	RECOVERY	BLOW COUNTS	SAMPLE DESCRIPTION	HMWVA ppm	NOTES:
25	S11	25-27	6'	1-1	V SOFT BULK ORGANIC SILT WITH DECOMPOSING WOOD (PT)	1.0	ORGANIC ODOR 27' MUD SOIL
				1-3			
	S12	27-29	6"	2-3	LOOSE GRAY FINE SAND, OR SILT (SP)	1.2	
				4-8			
30	S13	29-31	14"	3-2	LOOSE GRAY FINE SAND, OR SILT (SP)	1.5	SAMPLE FOR LABORATORY
				3-5			
	S14	31-33	10"	4-5	LOOSE GRAY FINE-MED SAND OR SILT (SP)	10.6	
				4-5			
35	S15	33-35	8"	6-7	M DENSE GRAY FINE-MED SAND OR SILT (SP)	1.6	SAMPLE FOR LABORATORY
				8-7			
	S16	35-37	10"	4-4	M DENSE GRAY FINE-MED SAND OR SILT (SP)	0	
				6-6			
40	S17	37-39	7"	10-10	M DENSE GRAY SILTY FINE SAND OR CLAY (SM)	0	SAMPLE FOR LABORATORY
				14-17			
	S18	39-41	9"	7-9	M DENSE GRAY SILTY FINE SAND OR CLAY (SM)	0	
				12-13			
45	S19	41-43	12"	16-14	M DENSE GRAY SILTY FINE SAND OR CLAY (SM)	0	ROCK IN SPDN NASS ATTEMPT TO AUGER THROUGH BOULDER WITHOUT SUCCESS
				16-24			
	S20	43-45	2"	22-50 1/2	DENSE SILTY FINE SAND, OR CLAY	0	
					EOB @ 43.7'		

Metcalf & Eddy, Inc.

GEOLOGIC LOG

PROJECT: BAYSIDE PETROLEUM (DCE)		JOB NO: 60004548.01		BORING NO: BCS-1	
LOCATION: BUSHNICK CREEK INLET BROOKLYN NY		ELEVATION:		DEPTH: 35.8 (FROM MUDLINE)	
		DATE BEGUN: 2/22/06		DATE FINISHED: 2/22/06	
DRILL CONTRACTOR: WARREN GEORGE			GEOLOGIST: ERIC ACS		
DRILLING RIG: CME-55 ON FLOAT			DRILLER: BOB VERPENT		
DRILLING METHOD: WARR ROTARY			DRILL FLUID: WATER		HOLE SIZE: 4" CASING
WEATHER: OVERCAST 40° to 50°		DEPTH TO WATER:		DATE:	
COMPLETED AS WELL?		NO		WELL PERMIT NO. N/A	

DEPTH	SAMPLE NO.	SAMPLE DEPTH	RECOVERY	BLOW COUNTS	DESCRIPTION	HNMOVA ppm	NOTES:
					N 40 43.480 7 GPS COORDINATES W 73 57 53.6		USING SAFETY HAMMER AT START OF DRILLING DECK TO MUD = 21.5'
5	S1	0-2	2"	WOR	V. SOFT BLACK ORGANIC SILT, br CLAY (ML/OL)	0	SAMPLING STARTS FROM MUDLINE
	S2	2-4	3"	WOR	V. SOFT BLACK ORGANIC SILT, br CLAY (ML/OL)	0	
	S3	4-6	6"	WOR	V. SOFT BLACK ORGANIC SILT, br CLAY (ML/OL)	0	
	S4	6-8	6"	WOR	V. SOFT BLACK ORGANIC SILT, br CLAY (ML/OL)	3.2	
10	S5	8-10	4"	WOR	V. SOFT BLACK ORGANIC SILT, br CLAY (ML/OL)	5.2	SLIGHT PETROLEUM SMELL - ORGANIC ODOR
	S6	10-12	12"	WOR	V. SOFT BLACK ORGANIC SILT, br CLAY (ML/OL)	5.4	" "
	S7	12-14	12"	WOR	V. SOFT BLACK ORGANIC SILT, br CLAY br FINE SAND (ML/OL)	5.4	" "
	S8	14-16	16"	WOR	V. SOFT BLACK ORGANIC SILT, br CLAY br FINE SAND (ML/OL)	14.0	" "
15	S9	16-18	24"	WOR	V. SOFT BLACK ORGANIC SILT, br CLAY br FINE SAND (ML/OL)	32.0	" "
	S10	18-20	24"	WOR	V. SOFT BLACK ORGANIC CLAYey SILT, br FINE SAND (ML/OL)	35.0	PETROLEUM ODOR IN SAMPLE - LAB SAMPLE 18-20 MUD
	S11	20-22	6"	25-100/3'	V. DENSE GRAY FINE-COARSE SAND, br F-C SURROUNDED GRAVEL (SP)	2.3	ROADS BOUNCING SOL
	S12	22-24	8"	15-24 50-50	V. DENSE GRAY FINE SAND, LITTLE br SILT (SN)	0	
25	S13	24-26	6"	24-48	V. DENSE GRAY SILTY FINE SAND	0	

Metcalf & Eddy, Inc.

GEOLOGIC LOG

[illegible]

Metcalf & Eddy, Inc.

PAGE 1
GEOLOGIC LOG

PROJECT: BAYSIDE PETROLEUM (VOL)		JOB NO: 60004548.01		BORING NO: BCS-2	
LOCATION: BUSHWICK CREEK INLET BROOKLYN NY		ELEVATION:		DEPTH: 48' (FROM MUDLINE)	
		DATE BEGUN: 2/23/06		DATE FINISHED: 2/24/06	
DRILL CONTRACTOR: WARREN GEORGE			GEOLOGIST: ERIC ACS		
DRILLING RIG: CME-SS ON FLOAT			DRILLER: BOB VERPENT		
DRILLING METHOD: WATER ROTARY			DRILL FLUID: WATER		HOLE SIZE: 4" O/S IN
WEATHER: OVERCAST 40's to SUMM		DEPTH TO WATER: N/A		DATE:	
COMPLETED AS WELL? NO		WELL PERMIT NO. N/A			

DEPTH	SAMPLE NO.	SAMPLE DEPTH	RECOVERY	BLOW COUNTS	DESCRIPTION	INNOVA ppm	USAR SAFETY HAZARD
					N 4043.502 > GPS COORDINATES W 7357.523		
					SAMPLE DESCRIPTION		NOTES: A1 START OF DRILLING DECK TO MUD = 22 FT
	51	0-2	3"	WOR	V SOFT BLACK ORGANIC SILT, tr CLAY (ML, OL)	0	SAMPLING STARTS FROM MUDLINE
	52	2-4	4"	WOR	V SOFT BLACK ORGANIC SILT, tr CLAY (ML, OL)	0	
5	53	4-6	2"	WOR	V SOFT BLACK ORGANIC SILT tr CLAY (ML, OL)	1.2	
	54	6-8	24"	WOR	V SOFT BLACK ORGANIC SILT tr CLAY (ML, OL)	6.5	SLIGHT PETROLEUM SMELL - ORGANIC ODOR
	55	8-10	24"	WOR	V SOFT BLACK ORGANIC SILT tr CLAY (ML, OL)	3.2	" "
10	56	10-12	24"	WOR	V SOFT BLACK ORGANIC SILT tr CLAY (ML, OL)	10.2	" "
	57	12-14	24"	WOR	V SOFT BLACK ORGANIC SILT tr CLAY, F SAND (ML, OL)	16.8	PETROLEUM ODOR SAMPLE FOR LAB
15	58	14-16	24"	WOR	V SOFT BLACK ORGANIC SILT tr CLAY, F SAND, ORGANIC MATTER (ML, OL)	8.2	" "
	59	16-18	24"	WOR-20	A) V SOFT BLACK ORGANIC SILT, tr CLAY, F SAND B) DENSE GRAY FINE SAND SILT (SM)	9.0	6" RECOVERY 18" RECOVERY
				25-32		0	MUD 16.5 SOIL
	510	18-20	12"	36-56	V DENSE GRAY SILTY FINE SAND, tr F-C SUBSAND GRAVEL (SM) TILL	0	
				28-20			
20	511	20-22	18"	12-12	M DENSE GRAY SILTY FINE SAND tr F-C SUBSAND GRAVEL (SM) TILL	0	
				12-14			
	512	22-24	12"	22-20	DENSE GRAY SILTY FINE SAND tr F-C SUBSAND GRAVEL (SM)	0	
				22-22			
25	513	24-26	14"	20-20	DENSE GRAY SILTY FINE SAND	0	

Metcalfe & Eddy, Inc.

PAGE 2
GEOLOGIC LOG

PROJECT: BAYSIDE PETROLEUM (DDC)		JOB NO: 60004548.01		BORING NO: BC5-2	
LOCATION: BUSHWICK CREEK INLET BROOKLYN NY		ELEVATION:		DEPTH: 48' (FROM MUDLINE)	
		DATE BEGUN: 2/23/06		DATE FINISHED: 2/24/06	
DRILL CONTRACTOR: WARREN GEORGE			GEOLOGIST: ERIC AGS		
DRILLING RIG: CME-55 ON A FLOAT			DRILLER: BOB VERPENT		
DRILLING METHOD: WATER ROTARY			DRILL FLUID: WATER		HOLE SIZE: 4" CASING
WEATHER: OVERCAST 40's → SUNNY			DEPTH TO WATER:		DATE:
COMPLETED AS WELL? NO			WELL PERMIT NO. N/A		

DEPTH	SAMPLE NO.	SAMPLE DEPTH	RECOVERY	BLOW COUNTS	SAMPLE DESCRIPTION	HIW/NOV ppm	NOTES:
25				22-20	TR F-C SUBANGULATED GRAVEL (SM)		
	S14	26-28	12"	12-10	DENSE GRM FINE SAND, SOME SILT, TR F-C SUBANGULATED GRAVEL (SM) (TILL)	0	
				12-18			
	S15	28-30	12"	28-16	DENSE GRM FINE-MEDIUM SAND TR SILT, TR F-C GRAVEL (SM) (TILL)	0	
				16-34			
30	S16	30-32	6"	38-36	V DENSE GRM SILTY FINE SAND TR F-C GRAVEL (SM) TILL	0	2/23/06
				30-28			
	S17	32-34	16"	16-34	V DENSE GRM FINE SAND, SOME SILT, TR FINE GRAVEL (SM)	0	2/24/06 M. SUNNY WINDY COLD 40's
				40-38			
35	S18	34-36	16"	14-14	V DENSE GRM FINE-MED SAND, SOME SILT, TR F-M GRAVEL (SM)	0	
				42-32			
	S19	36-38	16"	14-26	V DENSE GRM FINE-MED SAND LITTLE SILT, TR F GRAVEL (SM/SP)	0	
				48-52			
	S20	38-40	16"	34-40	V DENSE GRM FINE-MED SAND LITTLE-TR SILT (SP)	0	
				50-54			
40	S21	40-42	20"	28-46	V DENSE SILTY FINE-MED SAND TR SILT, TR F-M GRAVEL (SP)	0	
				68-65			
	S22	42-44	18"	34-14	V DENSE GRM-BROWN FINE-MED SAND, TR SILT, TR F-C GRAVEL (SP)	0	
				40-62			
45	S23	44-46	16"	88-48	V DENSE GRM SILTY FINE SAND TR F-M SUBANGULATED GRAVEL (SM)	0	
				56-68			
	S24	46-48	18"	38-70	V DENSE GRM FINE-MED SAND TR-LITTLE SILT (SP)	0	
				72-36			
50					EOBO 48' FROM MUDLINE		

Metcalf & Eddy, Inc.

PAGE 1
GEOLOGIC LOG

PROJECT: <u>BAY SIDE PETROLEUM (PDC)</u>		JOB NO: <u>60004548.01</u>		BORING NO: <u>BCS-3</u>	
LOCATION: <u>BUSHWICK CREEK INLET</u> <u>BROOKLYN NY</u>		ELEVATION:		DEPTH: <u>44' (FROM MUDLINE)</u>	
		DATE BEGUN: <u>2/27/06</u>		DATE FINISHED: <u>2/28/06</u>	
DRILL CONTRACTOR: <u>WARREN GEORGE</u>			GEOLOGIST: <u>FRANK ACS</u>		
DRILLING RIG: <u>CME 55 ON FLOAT</u>			DRILLER: <u>BOB VERPENT</u>		
DRILLING METHOD: <u>WATER CUTTING</u>			DRILL FLUID: <u>WATER</u>		HOLE SIZE: <u>4" CASING</u>
WEATHER: <u>SUNNY WINDY COLD 20'S</u>		DEPTH TO WATER:		DATE:	
COMPLETED AS WELL? <u>NO</u>		WELL PERMIT NO. <u>N/A</u>			

DEPTH	SAMPLE NO.	SAMPLE DEPTH	RECOVERY	BLOW COUNTS	SAMPLE DESCRIPTION	HNMOVA ppm	NOTES
5	51	0-2	3'	WOR	V SOFT BLACK ORGANIC SILT, EN CLAY (ML/DL)	0	USING SAFETY NAME AT START OF DRILL 3.5' ON TIDE GAUGE DECK TO MUD 23.5'
	52	2-4	3"	WOR	V SOFT BLACK ORGANIC SILT, EN CLAY (ML/DL)	0	
	53	4-6	4"	WOR	V SOFT BLACK ORGANIC SILT, EN CLAY (ML/DL)	0	
	54	6-8	4"	WOR	V SOFT BLACK ORGANIC SILT, EN CLAY (ML/DL)	0	
	55	8-10	6"	WOR	V SOFT BLACK ORGANIC SILT, EN CLAY (ML/DL)	2.6	
10	56	10-12	5"	WOR	V SOFT BLACK ORGANIC SILT, EN CLAY, OR FINE SAND (ML/DL)	2.6	PETROLEUM ODER & STEEN
	57	12-14	18"	WOR	V SOFT BLACK ORGANIC SILT, EN CLAY, OR FINE SAND (ML/DL)	10.2	" " SAMPLE FOR LAB
15	58	14-16	8"	8-100/5"	A) V SOFT BLACK ORGANIC SILT, EN CLAY (ML/DL) B) V DENSE GRAY FINE SAND, SOME SILT OR F-C GRAVEL (SM)	6.2	3" 14.5 MUD SOIL
	59	16-18	8"	12-24	DENSE GRAY SILTY FINE SAND, tr F-C GRAVEL (SM)	0	HARD OBJECT ENCOUNTER @ 15' - MOVE BATHYLOUSE OVER ~5' AND CONTINUE SAMPLING FROM 16'
20	510	18-20	10"	10-10	MED DENSE GRAY FINE-MED SAND tr SILT (SP) tr F GRAVEL	0	
	511	20-22	12"	20-18	MED DENSE GRAY FINE-MED SAND tr SILT, EN F GRAVEL (SP)	0	
	512	22-24	6"	10-24	V DENSE GRAY SILTY FINE SAND tr F-C GRAVEL (SM)	0	
	513	24-26	10"	24-26	V DENSE GRAY SILTY FINE SAND	0	

Metcalf & Eddy, Inc.

PAGE 2
GEOLOGIC LOG

PROJECT: BAYSIDE PETROLEUM (DDC)		JOB NO: 60004548.01		BORING NO: RCS-3	
LOCATION: BUSHWICK CREEK INLET BROOKLYN NY		ELEVATION:		DEPTH: 44' (FROM MUDLINE)	
		DATE BEGUN: 2/27/06		DATE FINISHED: 2/28/06	
DRILL CONTRACTOR: WARREN GEORGE			GEOLOGIST: ERIC ACS		
DRILLING RIG: CME-55 ON A FLAT			DRILLER: BOB VERPENT		
DRILLING METHOD: WATER ROTARY			DRILL FLUID: WATER		HOLE SIZE 4" CASING
WEATHER: SUNNY WINDY COLD 20's		DEPTH TO WATER:		DATE:	
COMPLETED AS WELL? NO		WELL PERMIT NO. N/A			

DEPTH	SAMPLE NO.	SAMPLE DEPTH	RECOVERY	BLOW COUNTS	DESCRIPTION	HMUOVA ppm	NOTES:
25		24-18			TR F-C GRAVEL (5M)		
	514	26-28	0"	100/3"	NO RECOVERY (BOULDER)		ROLLER HIT THRU BOULDER 2/27/06
	515	28-30	12"	18-28	V DENSE GRAY SILTY FINE SAND		2/28/06
30				50-30	TR F-M GRAVEL (5M)	0	M. SANDY WINDY UPPER 20's - LOW 30's
	516	30-32	8"	12-12	MED DENSE GRM FINE-MED SAND, TR SILT, TR F-GRAVEL (SP)	0	
				14-22			
	517	32-34	14"	36-28	V DENSE GRM SILTY FINE SAND	0	
				32-42	TR F-M GRAVEL (5M)		
35	518	34-36	14"	30-32	V DENSE GRM FINE SAND, SOME LITTLE SILT, TR F GRAVEL (5M-SP)	0	
				38-62			
	519	36-38	18"	22-15	DENSE GRM SILTY FINE SAND	0	SANDS FOR LABORATORY
				18-18	SOME CUM (5M)		
	520	38-40	20"	10-14	HARD GRM SILTY CLAY, TR FINE SAND (CL)	0	
40				20-22			
	521	40-42	24"	10-12	HARD GRM SILTY CUM, TR FINE SAND (CL)	0	
				22-28			
	522	42-44	24"	12-16	HARD GRM SILTY CUM, TR FINE SAND (CL)	0	
				26-28			
45							
50					END OF 44'		

Metcalfe & Eddy, Inc.

PAGE 1
GEOLOGIC LOG

PROJECT: BAYSIDE PETROLEUM (DDC)		JOB NO: 60004548.01		BORING NO: BCS-4	
LOCATION: BUSHWICK CREEK INLET BROOKLYN NY		ELEVATION:		DEPTH: 50' / FROM MUDLINE	
		DATE BEGUN: 2/28/06		DATE FINISHED: 3/2/06	
DRILL CONTRACTOR: WARREN GEMET			GEOLOGIST: ERIC ACS		
DRILLING RIG: CME 55 ON FLUAT			DRILLER: BOB VERFANT		
DRILLING METHOD: WATER BENTON			DRILL FLUID: WATER		HOLE SIZE: 4" CASING
WEATHER: SUNNY WINDY COOL 40-50'S		DEPTH TO WATER:		DATE:	
COMPLETED AS WELL? NO		WELL PERMIT NO. N/A			

DEPTH	SAMPLE NO.	SAMPLE DEPTH	RECOVERY	BLOW COUNTS	DESCRIPTION	HN/NOVA	NOTES
5	51	0-2	2"	WOR	V SOFT BLACK ORGANIC SILT, LR CLAY (ML/OL)	0	USING SAFETY HAMMER AT START OF DRILLING. 0.10 ON TIDE GAUGE. NOTES: DECK TO MUD = 15.0
	52	2-4	2"	WOR	V SOFT BLACK ORGANIC SILT, LR CLAY (ML/OL)	0	
	53	4-6	6"	WOR	V SOFT BLACK ORGANIC SILT, LR CLAY (ML/OL)	5.2	
	54	6-8	4"	WOR	V SOFT BLACK ORGANIC SILT, LR CLAY (ML/OL)	8.7	
10	55	8-10	8"	8-10	MED DENSE GRAY FINE SAND AND SILT LR F-C GRAVEL (ML/SP)	1.2	10' MUD SOIL
	56	10-12	3"	10-9	MED DENSE GRAY FINE-MED SAND (SP)	0	
	57	12-14	8"	24-8	MED DENSE GRAY FINE-MED SAND (SP)	0	
	58	14-16	18"	8-10	V STIFF GRAY SANDY SILT, LR LITTLE CLAY (ML)	0	
15	59	16-18	18"	5-10	V STIFF GRAY SANDY SILT LR LITTLE CLAY (ML)	0	4" SILT 6" TILL 6" TILL 6" SAND
	60	18-20	10"	8-16	A) STIFF GRAY SANDY SILT LR LITTLE CLAY (ML) B) V. DENSE GRAY SILTY FINE SAND (SM)	0	
	61	20-22	12"	20-16	A) DENSE GRAY SILTY FINE SAND, LR GRAY (SM) B) DENSE GRAY FINE-MED SAND, LR F-M GRAVEL (SM)	0	
	62	22-24	14"	18-20	DENSE GRAY SILTY FINE SAND LR F-M GRAVEL (SM)	0	
25	513	24-26	0	100/1"	NO RECOVERY BOULDER	—	HAMMER BOUNDED

Metcalf & Eddy, Inc.

GEOLOGIC LOG

PROJECT: BAYSIDE PETROLEUM (DDC)		JOB NO: 6004548.01		BORING NO: BCS-4	
LOCATION: BUSHWICK CREEK INLET BROOKLYN NY		ELEVATION:		DEPTH: 30' (FROM MUDLINE)	
		DATE BEGUN: 2/29/06		DATE FINISHED: 3/2/06	
DRILL CONTRACTOR: WARREN GEORGE			GEOLOGIST: ERIC ACS		
DRILLING RIG: ONE SS ON A FLOAT			DRILLER: BOB VERPENT		
DRILLING METHOD: WATER ROTARY			DRILL FLUID: WATER		HOLE SIZE: 4" CASING
WEATHER: SUNNY WINDY COOL LOW 30's			DEPTH TO WATER:		DATE:
COMPLETED AS WELL? NO			WELL PERMIT NO. N/A		

DEPTH	SAMPLE NO.	SAMPLE DEPTH	RECOVERY	BLOW COUNTS	SAMPLE DESCRIPTION	HNuOVA ppm	NOTES:
25							
	514	26-28	12"	14-32	V DENSE GRAY FINE SAND, LITTLE - SOME SILT, LR FINE GRAVEL (SM)	0	
				30-55			
	515	28-30	6"	8-10	MED DENSE GRAY FINE-MEDIUM SAND (SP)	0	
				15-24			
30							
	516	30-32	0	100/3"	DENSE GRAY FINE-MEDIUM SAND, SOME MEDIUM GRAVEL (SP)	0	POOREST GRAVEL AT BOTTOM OF SPOON
							Boulders @ 30.2
	517	32-34	16"	18-14	V DENSE GRAY SILTY FINE SAND, LR FINE GRAVEL (SM)	0	
				26-30			
	518	34-36	18"	12-30	V DENSE GRAY FINE-MEDIUM SAND, LR SILT (SP)	0	3/1/06
				34-42			3/2/06
35							
	519	36-38	18"	12-26	V DENSE GRAY FINE-MEDIUM SAND LR SILT (SP)	0	
				36-34			
	520	38-40	14"	20-46	V DENSE GRAY FINE-MEDIUM SAND, LR LITTLE SILT (SP)	0	SAMPLE FROM RECONSTRUCTION
				38-26			
40							
	521	40-42	8"	95-17	V DENSE SILTY FINE SAND, LR CLAY, LR FINE GRAVEL (SM)	0	GRAVEL @ 40.5'
				42-40			
	522	42-44	5"	14-26	V DENSE SILTY FINE SAND, LR CLAY, LR FINE GRAVEL (SM)	0	
				100/1"			
	523	44-46	4"	22-64	V DENSE SILTY FINE SAND LR CLAY, LR F-M GRAVEL (SM)	0	NOTE NO VOLUME FR SAMPLES 40-46'
				53-58			V DENSE & GRAVELLY
	524	46-48	5"	16-20	HARD GRAY-RED CLAY, LR SILT (CL)	0	
				24-32			
	525	48-50	4"	14-14	HARD RED CLAY, LR SILT (CL)	0	
				30-42			

FOB @ 50'

Metcalf & Eddy, Inc.

GEOLOGIC LOG

PROJECT: BAYSIDE PETROLEUM (DRC)		JOB NO: 60004548.01		BORING NO: ACS-5	
LOCATION: BUSHWICK CREEK INLET BROOKLYN NY		ELEVATION:		DEPTH: 50' (FROM MUD LOG)	
		DATE BEGUN: 3/3/06		DATE FINISHED: 3/5/06	
DRILL CONTRACTOR: WARREN GEORGE			GEOLOGIST: ERIC ACS		
DRILLING RIG: CME 55 ON A FLOAT			DRILLER: BOB VERPENT		
DRILLING METHOD: WATER ROTARY			DRILL FLUID: WATER		HOLE SIZE: 4" CASING
WEATHER: COLD, V. WINDY LOW 30, UP TO 20'S			DEPTH TO WATER:		DATE:
COMPLETED AS WELL? NO			WELL PERMIT NO. N/A		

DEPTH	SAMPLE NO.	SAMPLE DEPTH	RECOVERY	BLOW COUNTS	W 40.43, 50.3 N 73.57.586 SAMPLE DESCRIPTION	HNNOVA ppm	USING JARREY HAMMER AT START OF DRILLING TIME GAUGE = 20' NOTES: DECK TO MUD = 20'
5	51	0-2	3"	WOR	V SOFT BLACK ORGANIC SILT tr CLAY (ML/OL)	0	SAMPLING STARTS @ MUDLINE
	52	2-4	6"	WOR	V SOFT BLACK ORGANIC SILT tr CLAY (ML/OL)	0	
	53	4-6	6"	WOR	V SOFT BLACK ORGANIC SILT tr CLAY, FINE SAND (ML/OL)	0	
	54	6-8	8"	WOR	V SOFT BLACK ORGANIC SILT tr CLAY (ML/OL)	0	
	55	8-10	8"	WOR	V SOFT BLACK ORGANIC SILT tr CLAY, FINE SAND (ML/OL)	0	
10	56	10-12	5"	3-3 3-2	SOFT BLACK ORGANIC SILT. SOME F-C GRAVEL, tr CLAY (ML/OL)	0	10' MUD SOIL
	57	12-14	8"	8-10 16-55	STIFF GRAY SILT, LITTLE FINE SAND, tr CLAY (ML/OL)	0	
15	58	14-16	18"	12-57 12-13	MED DENSE GRAY SILTY FINE SAND, tr F-M SUBROUND GRAVEL (SM)	0	LOW RECOVERY
	59	16-18	1"	22-18 18-16	DENSE GRAY SILTY FINE SAND, tr F-M SUBROUND GRAVEL (SM)	0	
20	510	18-20	1"	18-20 18-20	DENSE GRAY SILTY FINE SAND tr F-M SUBROUND GRAVEL (SM)	0	
	511	20-22	14"	20-20 18-25	DENSE GRAY SILTY FINE SAND tr F-M SUBROUND GRAVEL (SM)	0	
	512	22-24	16"	40-54 62-58	V DENSE GRAY SILTY FINE SAND tr F-M GRAVEL (SM)	0	
25	513	24-26		24-22	V DENSE GRAY FINE-MED SAND	0	

Metcalf & Eddy, Inc.

PAGE 2
GEOLOGIC LOG

PROJECT: BAYSIDE PETROLEUM (DDC)		JOB NO: 60004548.01		BORING NO: BCS-5	
LOCATION: BUSHWICK CREEK INLET BROOKLYN NY		ELEVATION:		DEPTH: 50' (FROM MUDLINE)	
		DATE BEGUN: 3/3/06		DATE FINISHED: 3/5/06	
DRILL CONTRACTOR: W/PAISON GEORGE		GEOLOGIST: ERIC ACS			
DRILLING RIG: CME-55 ON A FLUAT		DRILLER: BOB VERPENT			
DRILLING METHOD: WATER ROTARY		DRILL FLUID: WATER		HOLE SIZE: 4" CASIN	
WEATHER: COLD & WINDY LOW 30 W/PAISON		DEPTH TO WATER:		DATE:	
COMPLETED AS WELL? NO		WELL PERMIT NO. N/A			

DEPTH	SAMPLE NO.	SAMPLE DEPTH	RECOVERY	BLOW COUNTS	SAMPLE DESCRIPTION	HN/NOVA ppm	NOTES:
25				32-32	tr SILT, tr F-M GRAVEL (SP)		
	S14	26-28	2"	26-24	V DENSE GRAY SILTY FINE SAND, tr F-M GRAVEL (SM)	0	
				36-30			
	S15	28-30	8"	28-16	MED DENSE GRAY SILTY FINE SAND, tr F-M GRAVEL (SM)	0	
				12-16			
30	S16	30-32	3'	8-16	MED DENSE GRAY F-M SAND, tr FINE - MED SUBANGULUM GRAVEL (SP)	0	
				24-14			
	S17	32-34	18"	16-14	V STIFF GRAY SANDY SILT, LITTLE CLAY (ML)	0	
				20-28			
35	S18	34-36	18"	16-18	V STIFF GRAY SANDY SILT, LITTLE CLAY (ML)	0	
				18-26			
	S19	36-38	16"	16-20	V DENSE GRAY FINE SAND AND SILT LITTLE CLAY (SM/ML)	0	
				22-24			
	S19	38-40	16"	18-22	V DENSE GRAY FINE SAND AND SILT LITTLE CLAY (SM/ML)	0	
				36-32			
40	S20	40-42	18"	11-14	V STIFF GRAY SANDY SILT, LITTLE - SAME CLAY (ML)	0	
				22-34			
	S21	42-44	20"	9-14	V STIFF GRAY CLAYEY SILT, tr FINE SAND (ML)	0	
				20-28			
	S22	44-46	16"	36-60	V DENSE YELLOW BROWN F-M SAND tr SILT, tr FINE GRAVEL (SP)	0	
				78-80			
	S23	46-48	24"	42-60	A) V DENSE YELLOW BROWN F-M SAND tr SILT tr FINE GRAVEL (SP)	0	
				28-22	B) HARD RED BROWN CLAY, tr SILT (CL)	0	
	S24	48-50		12-14	HARD RED BROWN - F-M CLAY tr SILT (CL)	0	
				26-32			

3/3/06
3/5/06

SILT WITH V FINE SAND (SAMPLE CRUMBLES)
↓
V FINE SAND AND SILT (SAMPLE CRUMBLES)
↓
SAMPLE FOR VEGETATION

SILT SAND

20" SAND
4" CLAY

EOB @ 50'

Metcalf & Eddy, Inc.

GEOLOGIC LOG

PROJECT: BAYSIDE PETROLEUM (DDC)		JOB NO: 60004548, 01		BORING NO: BCS-6	
LOCATION: BOSHAWICK CREEK INLET BROOKLYN NY		ELEVATION:		DEPTH: 40' (FROM MUDLINE)	
		DATE BEGUN: 3/6/06		DATE FINISHED: 3/9/06	
DRILL CONTRACTOR: WARREN GEORGE E			GEOLOGIST: ERIC ACS		
DRILLING RIG: CME 55 OF FLOAT			DRILLER: BOB VERPENT		
DRILLING METHOD: WATER ROTARY			DRILL FLUID: WATER		HOLE SIZE: 4 1/8" CASING
WEATHER: SUNNY MID 30's - LOWER 40's			DEPTH TO WATER:		DATE:
COMPLETED AS WELL? NO			WELL PERMIT NO. N/A		

DEPTH	SAMPLE NO.	SAMPLE DEPTH	RECOVERY	BLOW COUNTS	N 40 43 508 > GPS COORDINATES N 73 57.625	SAMPLE DESCRIPTION	HN/NOVA ppm	USING SAFETY HAMMER AT 51M OF DRILLING TID'S GAUGE 0.5 NOTES: DECK TO MUD = 14.5'
5	S1	0-2	4"	WOR		V LOOSE BLACK ORGANIC SILT tr CLAY (ML/OL)	0	SAMPLE STARTS C MUDLINE
	S2	2-4	3"	WOR		V LOOSE BLACK ORGANIC SILT tr CLAY (ML/OL)	0	
	S3	4-6	4"	WOR		V LOOSE BLACK ORGANIC SILT tr CLAY, tr FINE SAND (ML/OL)	0	
	S4	6-8	10"	WOR		V LOOSE BLACK ORGANIC SILT tr CLAY, tr FINE SAND (ML/OL)	0	
	S5	8-10	12"	WOR		V LOOSE BLACK ORGANIC SILT tr CLAY, tr FINE SAND (ML/OL)	0	
10	S6	10-12	12"	WOR		V LOOSE BLACK ORGANIC SILT tr CLAY (ML/OL)	7.6	FUEL OIL ODOR SMALL FOR LABORATORY 121 MUD SOIL
	S7	12-14	12"	4-7 6-8		MED DENSE GRAY FINE-MEDIUM SAND tr SILT (SP)	0	
15	S8	14-16	14"	8-7 13-12		MED DENSE GRAY-BROWN SILTY FINE SAND, tr F-M GRAVEL (SM)	0	3/6/06 BOULDER C 18.8'
	S9	16-18	4"	52-28 38-14		V DENSE GRAY-BROWN SILTY FINE SAND, tr FINE GRAVEL (SM)	0	
	S10	18-20	2"	14-100/3"		V DENSE GRAY-BROWN SILTY FINE SAND, tr F-C GRAVEL (SM)	0	
20	RB	20-22		"BIT" ↓		BOULDER (ROLLER BIT THROUGH)	—	DRILL USING 3" CASING THROUGH THE 4" (4" BOTTOM @ 18.8')
	S11	22-24	10"	16-16 46-22		DENSE GRAY FINE-MED SAND LITTLE SILT, tr F-M GRAVEL (SP)	0	
25	S12	24-26	8"	84-40		V DENSE GRAY SILTY FINE SAND	0	

Metcalf & Eddy, Inc.

GEOLOGIC LOG

PROJECT: BAYSIDE PETROLEUM (BDS)		JOB NO: 60004548.01		BORING NO: BCS-6	
LOCATION: BOSWICK CREEK INLET Brooklyn NY		ELEVATION:		DEPTH: 40' (FROM MUDLINE)	
		DATE BEGUN: 3/6/06		DATE FINISHED: 3/9/09	
DRILL CONTRACTOR: WARREN GEORGE		GEOLOGIST: ERIC ACS			
DRILLING RIG: ONE-55 ON A FLOAT		DRIER: BOB VERPENT			
DRILLING METHOD: WATER ROTARY		DRILL FLUID: WATER		HOLE SIZE: 4 ¹ / ₃ " CASING	
WEATHER: SUNNY MID 30's - LOW 40's		DEPTH TO WATER:		DATE:	
COMPLETED AS WELL? NO		WELL PERMIT NO. N/A			

DEPTH	SAMPLE NO.	SAMPLE DEPTH	RECOVERY	BLOW COUNTS	SAMPLE DESCRIPTION	HM/DVA ppm	NOTES:
28				32-28	tr F-M SUBMERGENT GRAVEL		
	S13	26-28	6"	22-20	V DENSE GRM SILTY FINE SAND		
				18-18	tr F-M SUBMERGENT GRAVEL (SM)	0	
	S14	28-30	2"	100/4"	V DENSE GRM SILTY FINE SAND	0	
					SOME COARSE GRAVEL (SM)		
30	R13	30-32		R13	3 BOULDERS (ROLLER BIT THROUGH)		
	S15	32-34	8"	18-42	V DENSE GRM SILTY FINE SAND		
				72-62	tr F-C GRAVEL (SM)	0	
	S16	34-36	10"	18-20	V DENSE GRM SILTY FINE SAND		
				24-30	tr F-M GRAVEL (SM)	0	
	S17	36-38	12"	8-16	V DENSE GRM SILTY FINE SAND		
				36-32	F-M GRAVEL (SM)	0	
	S18	38-40	12'	18-17	V DENSE GRM F-M SAND, tr		
				32-36	F-M GRAVEL (SP)	0	
40							
45							
50							

3/7/06:
3/8/06

LOW SAMPLE RECOVERY
(BOULDER @ 28.3')

SUNNY MID 30'S - MID 40'S
LIGHT WIND

STOP 3RD CORING
ADVANCE @ BOULDER
DRILL OPEN BORING

DRILLING RIG
BREAKDOWN 3/8/06

← OVERCAST 40'S - 50'S
MOD WIND

← SAMPLE FOR INVESTIGATION

EOB @ 40'

ATTEMPT TO DRILL OPEN BORING
HOWEVER SAND COLLAPSES INTO
BOREHOLE. CASING CANNOT BE ADVANCED
AND MUD IS NOT ALLOWED BY SPECIFICATION

Metcalf & Eddy, Inc.

PAGE 1
GEOLOGIC LOG

PROJECT: BAYSIDE PETROLEUM (DDC)		JOB NO: 60004548.01		BORING NO: BCS-7			
LOCATION: BUSHWICK CREEK INLET BROOKLYN NY		ELEVATION:		DEPTH: 50' (FROM MUDLINE)			
		DATE BEGUN: 3/9/06		DATE FINISHED: 3/13/06			
DRILL CONTRACTOR: WARREN GEORGE			GEOLOGIST: ERIC ACS				
DRILLING RIG: CME SS ON A FLOAT			DRILLER: BOB VERPENT				
DRILLING METHOD: WATER ROTARY			DRILL FLUID: WATER		HOLE SIZE: 4 1/8" O.S.		
WEATHER: OVERCAST 40s-50s			DEPTH TO WATER:		DATE:		
COMPLETED AS WELL? NO			WELL PERMIT NO. N/A				
DEPTH	SAMPLE NO.	SAMPLE DEPTH	RECOVERY	BLOW COUNTS	SAMPLE DESCRIPTION	HHV/NOVA ppm	NOTES:
					N 4043 527 W 7357 647 > GPS COORDINATES		USING SAFETY HAMMER A SERIES OF DRILLING TIDE GAUGE = 2.0
					SAMPLE DESCRIPTION		DECK TO MUD = 17.0
5	51	0-2	2"	WOR	V. LOOSE BLACK ORGANIC SILT tr. CLM (ML/OL)	0	SAMPLE STARTS @ MUDLINE
	52	2-4	4"	WOR	V. LOOSE BLACK ORGANIC SILT tr. CLM (ML/OL)	0	
	53	4-6	6"	WOR	V. LOOSE BLACK ORGANIC SILT + FINE SAND, tr. CLM (ML/OL)	0	
	54	6-8	14"	WOR	V. LOOSE BLACK ORGANIC SILT tr. F. SAND, tr. CLM (ML/OL)	0	
	55	8-10	6"	WOR	V. LOOSE BLACK ORGANIC SILT tr. CLM (ML/OL)	0	
10	56	10-12	14"	WOR	V. LOOSE BLACK ORGANIC SILT tr. CLM, tr. FINE SAND (ML/OL)	0	SAMPLE FOR LABORATORY
	57	12-14	4"	WOR/12"	V. LOOSE BLACK ORGANIC SILT AND MED - COARSE GRAVEL (ML/OL) WOOD IN SPOON	0	14' MUD SOL
15	58	14-16	8"	4-8	MED DENSE GRAY BROWN SILTY FINE SAND, tr. FINE-MED GRAVEL (SM)	0	
	59	16-18	8"	10-10	MED DENSE GRAY BROWN SILTY FINE SAND, tr. FINE COARSE GRAVEL (SM)	0	
	510	18-20	12"	10-8	MED DENSE GRAY BROWN SILTY FINE SAND, tr. F-C GRAVEL (SM)	0	COBBLE STOPPED SPOON
20	511	20-22	12"	14-20	DENSE GRAY BROWN SILTY FINE SAND, tr. F-C GRAVEL (SM)	0	3/9/06
	512	22-24	6"	30-24	V. DENSE GRM F-M SAND, SOME SILT, tr. F-C GRAVEL (SP)	0	3/10/06
25	513	24-26	4"	20-16	DENSE GRM. F-M SAND, tr. LITTLE	0	COBBLE IN SPOON NOSS

Metcalf & Eddy, Inc.

GEOLOGIC LOG

PROJECT: BAYSIDE PETROLEUM (DOC)		JOB NO: 60064544.01		BORING NO: BCS-7	
LOCATION: BUSHWICK CREEK INLET Brooklyn, NY		ELEVATION:		DEPTH: 50' (FROM MUDLINE)	
		DATE BEGUN: 3/1/06		DATE FINISHED: 3/13/06	
DRILL CONTRACTOR: WARREN GEORGE			GEOLOGIST: ERIC ACS		
DRILLING RIG: CME 55 ON A FLUIT			DRILLER: BOB VERPANT		
DRILLING METHOD: WATER ROTARY			DRILL FLUID: WATER		HOLE SIZE: 4 1/2" CASING
WEATHER: OVERCAST 40's-50's			DEPTH TO WATER:		DATE:
COMPLETED AS WELL? NO			WELL PERMIT NO. N/A		

DEPTH	SAMPLE NO.	SAMPLE DEPTH	RECOVERY	BLOW COUNTS	SAMPLE DESCRIPTION	HI/NOVA ppm	NOTES:
25				20-18	FINE-COARSE GRAVEL (SP)		
	S14	26-28	16"	12-16	V DENSE GRAY SILTY FINE SAND tr F-C GRAVEL (SM)	0	
				30-42			
	S15	28-30	14"	16-84	V DENSE GRAY FINE-MED SAND tr F-C GRAVEL (SP)	0	
				64-16			
30	S16	30-32	12"	10-26	V DENSE WHITE-BROWN CLAY SAND, tr FINE-COARSE GRAVEL (SC)	0	DECOMPOSED BOULDER
				24-30			
	S17	32-34	14"	14-20	V DENSE WHITE TO GRAY SILTY FINE SAND, tr F-M GRAVEL (SM), CLAY	0	
				32-36			
35	S18	34-36	12"	32-18	A) DENSE GRAY F-M SAND, tr F-M GRAVEL (SP)	0	8" SAND
				100/5"	B) DENSE GRAY SILTY FINE SAND, tr F-M GRAVEL (SM)	0	4" SILTY SAND
	R.B			R.B	DIABASE BOULDER (ROCK BIT THROUGH)		BOULDER @ 35.4' CORED BOULDER - DIABASE ROCK (2.5' THICK)
				↓			
	S19	38-40	10"	10-8	DENSE GRAY F-M SAND, LITTLE SILT tr F-M GRAVEL (SP)	0	
				22-30			
40	S20	40-42	14"	26-28	V DENSE GRAY F-M SAND, LITTLE SILT, tr F-M GRAVEL (SP)	0	
				36-26			
	S21	42-44	16"	14-16	V DENSE GRAY SILTY FINE SAND tr F-M GRAVEL (SM)	0	3/10/06
				22-34			3/13/06
							OVERCAST, FOG-SUNNY NO WIND 40's-50's
45	S22	44-46	24"	16-26	V DENSE GRAY SILTY FINE SAND tr F-M SUBANGULAR GRAVEL tr DECOMPOSED ROCK FRAG (SM)	0	3" CASING INSERTED THROUGH 4"
				34-46			
	S23	46-48	18"	10-12	DENSE GRAY FINE SAND AND SILT (SP/ML), tr CLAY	0	SAMPLE FOR LABORATORY
				25-32			
	S24	48-50	20"	12-12	HARD WHITE-RED CLAY, tr SILT (CL)	0	
				24-24			

EOB @ 50'

Metcalf & Eddy, Inc.

GEOLOGIC LOG

PROJECT: BAYSIDE PETROLEUM (DDC)		JOB NO: 60004548.01		BORING NO: BCS-8	
LOCATION: BOSHUNCK CREEK INLET BROOKLYN NY		ELEVATION:		DEPTH: 52' (FROM MUDLINE)	
		DATE BEGUN: 3/13/06		DATE FINISHED: 3/14/06	
DRILL CONTRACTOR: WARREN GEORGE			GEOLOGIST: ERIC ACS		
DRILLING RIG: CME 55 ON A FLOAT			DRILLER: BOB VERFENT		
DRILLING METHOD: WATER ROTARY			DRILL FLUID: WATER		HOLE SIZE: 4" CASING
WEATHER: SUNNY 40' - 50'			DEPTH TO WATER:		DATE:
COMPLETED AS WELL? NO			WELL PERMIT NO. N/A		

DEPTH	SAMPLE NO.	SAMPLE DEPTH	RECOVERY	BLOW COUNTS	N 40 43 545 W 73 57 644 SAMPLE DESCRIPTION	HNWVA ppm	NOTES: USING SAFETY HAMMER AT START OF DRILLING TIDE GAUGE = -1.0 DECK TO MUD = 11.5'
5	S1	0-2	2"	WOR	V LOOSE BLACK ORGANIC SILT in CLAY (ML/OL)	0	SAMPLE STARTS AT THE MUDLINE
	S2	2-4	6"	WOR	V LOOSE BLACK ORGANIC SILT in CLAY (ML/OL)	0	
	S3	4-6	8"	WOR	V LOOSE BLACK ORGANIC SILT in CLAY, in FINE SAND (ML/OL)	0	
	S4	6-8	8"	WOR	V LOOSE BLACK ORGANIC SILT in CLAY, in FINE SAND (ML/OL)	0	
10	S5	8-10	20"	WOR	V LOOSE BLACK ORGANIC SILT in CLAY, in FINE SAND (ML/OL)	0	ORIGINAL ODOR
	S6	10-12	10"	WOR	V LOOSE BLACK ORGANIC SILT in CLAY, in FINE SAND (ML/OL)	0	
	S7	12-14	10"	WOR	V LOOSE BLACK ORGANIC SILT in CLAY, in FINE SAND (ML/OL)	0	
	S8	14-16	16"	WOR	V LOOSE BLACK ORGANIC SILT LITTLE CLAY, in FINE SAND (ML/OL)	0	
20	S9	16-18	14"	WOR	V LOOSE BLACK ORGANIC SILT LITTLE CLAY, in FINE SAND (ML/OL)	0	SAMPLE FOR LABORATORY
	S10	18-20	24"	WOR	V LOOSE BLACK ORGANIC SILT LITTLE - SOME CLAY, in FINE SAND (ML/OL)	0	
	S11	20-22	8"	WOR	V LOOSE BLACK ORGANIC SILT in CLAY, in FINE SAND (ML/OL)	0	
	S12	22-24	20"	WOR	V LOOSE BLACK ORGANIC SILT LITTLE CLAY, in FINE SAND (ML/OL)	0	
25	S13	24-26	16"	WOR	V LOOSE BLACK ORGANIC SILT	0	

Metcalf & Eddy, Inc.

GEOLOGIC LOG

PROJECT: BAYSIDE PETROLEUM (DDC)		JOB NO: 6000 4549.01		BORING NO: BCS-8	
LOCATION: BUSHWICK CREEK INCET BEDOKUN NY		ELEVATION:		DEPTH: 52' (FROM MUDLINE)	
		DATE BEGUN: 3/13/06		DATE FINISHED: 3/14/06	
DRILL CONTRACTOR: WARDEN GEORGE			GEOLOGIST: ERIC ACS		
DRILLING RIG: CM-55 ON A FLOAT			DRILLER: BOB VERPENT		
DRILLING METHOD: WATER ROTARY			DRILL FLUID: WATER		HOLE SIZE: 4" CASING
WEATHER: SUMM 46'S - 50'S		DEPTH TO WATER:		DATE:	
COMPLETED AS WELL? NO		WELL PERMIT NO. N/A			

DEPTH	SAMPLE NO.	SAMPLE DEPTH	RECOVERY	BLOW COUNTS	SAMPLE DESCRIPTION	HNMOVA ppm	NOTES:
25					LITTLE CLAY, LR FINE SAND (MC/OL)		26 MUD SOIL
	S14	26-28	18"	6-8	MED DENSE - DENSE GRM SILTY FINE SAND, LR F-M GRAVEL (SM)	0	
				15-14			
	S15	28-30	10"	8-28	V DENSE GRM SILTY FINE SAND	0	
				32-30	LR F-M SUBANGULAR GRAVEL (SM)	0	
30	S16	30-32	12"	10-8	M DENSE GRM FINE-MED SAND	0	
				8-10	LR FINE GRAVEL (SP)	0	
	S17	32-34	10"	10-10	A) M DENSE GRM FINE SAND (SP)	0	5" SAND
				14-14	B) M DENSE GRM SILTY FINE SAND, LR FINE GRAVEL (SM)	0	5" SILTY SAND 3/13/06
	S18	34-36	24"	24-30	V DENSE GRM SILTY FINE SAND	0	3/14/06
				46-58	LR FINE ANGULAR GRAVEL (SM)	0	
	S19	36-38	16"	26-46	V DENSE GRM SILTY FINE SAND	0	
				100/5"	LR F-C ANGULAR GRAVEL (SM)	0	
	S20	38-40	24"	26-56	V DENSE GRM SILTY FINE SAND	0	
				76-78	LR F-M MEDIUM GRAVEL (SM)	0	
40	S21	40-42	18"	26-44	V DENSE GRM SILTY FINE SAND	0	
				74-78	LR F-M GRAVEL (SM)	0	
	S22	42-44	14"	26-40	V DENSE GRM FINE SAND, LITTLE SILT, LR FINE GRAVEL (SP)	0	
				40-36		0	
	S23	44-46	20"	28-42	V DENSE GRM FINE SAND, LITTLE SILT, LR FINE GRAVEL (SP)	0	
				46-50		6	
	S24	46-48	10"	32-70	V DENSE GRM FINE-MED SAND	0	
				100/3"	LR SILT, LR F-M GRAVEL (SP)	0	
	S25	48-50	24"	30-42	V DENSE GRM FINE-MEDIUM SAND	0	SAMPLE FOR LABORATORY
50				34-42	LR SILT, LR F-M GRAVEL	0	

PAGE 3
GEOLOGIC LOG

[illegible]

Metcalf & Eddy, Inc.

PAGE 1
GEOLOGIC LOG

PROJECT: BAYSIDE PETROLEUM (DDC)		JOB NO: 60004548.01		BORING NO: BCS-9	
LOCATION: BUSHWICK CREEK INLET BROOKLYN NY		ELEVATION:		DEPTH: 50' (FROM MUDLINE)	
		DATE BEGUN: 3/15/06		DATE FINISHED: 3/16/06	
DRILL CONTRACTOR: WARREN GEURTS			GEOLOGIST: ERIC ALS		
DRILLING RIG: CME 55 ON A FLOAT			DRILLER: BOB VERPANT		
DRILLING METHOD: WATER POWER			DRILL FLUID: WATER		HOLE SIZE: 4" CASING
WEATHER: SUNNY WINDY - 30's-40's		DEPTH TO WATER:		DATE:	
COMPLETED AS WELL? NO		WELL PERMIT NO. N/A			

DEPTH	SAMPLE NO.	SAMPLE DEPTH	RECOVERY	BLOW COUNTS	N 40 43 538 W 73 57 686 GPS COORDINATES	SAMPLE DESCRIPTION	HNUOVA ppm	USING SAFETY HAMMER AT START OF DRILLING WATER LEVEL ON TIDE GAUGE @ 0 = -2.0 NOTES: DECK TO MUD = 13.5
5	51	0-2	6"	WOR		V LOOSE BLACK ORGANIC SILT tr CLAY (ML/DL)	0	SAMPLE RG STARTS AT MUDLINE
	52	2-4	8"	WOR		V LOOSE BLACK ORGANIC SILT tr CLAY (ML/DL)	0	
	53	4-6	12"	WOR		V LOOSE BLACK ORGANIC SILT tr CLAY (ML/DL)	0	
	54	6-8	12"	WOR		V LOOSE BLACK ORGANIC SILT tr CLAY, tr FINE SAND (ML/DL)	0	
10	55	8-10	12"	WOR		V LOOSE BLACK ORGANIC SILT tr CLAY, tr FINE SAND (ML/DL)	0	ORGANIC ODOR
	56	10-12	14"	WOR		V LOOSE BLACK ORGANIC SILT tr CLAY, tr FINE SAND (ML/DL)	0	
	57	12-14	14"	WOR		V LOOSE BLACK ORGANIC SILT tr CLAY, tr FINE SAND, ORGANIC MATTER (ML/DL)	10.2	
15	58	14-16	24"	WOR		V LOOSE BLACK ORGANIC SILT tr CLAY, tr FINE SAND, ORGANIC MATTER (ML/DL)	10.4	FUEL OIL ODOR ↓ SAMPLE FOR LABORATORY 18.0 MUD SOIL
	59	16-18	16"	WOR		V LOOSE BLACK ORGANIC SILT tr CLAY, tr FINE SAND, ORGANIC MATTER (ML/DL)	10.2	
	510	18-20	8"	8-8 14-14		MED DENSE GRAY SILTY FINE SAND, tr FINE GRAVEL (SM)	0	
20	511	20-22	10"	21-12 14-16		MED DENSE - DENSE GRAY SILTY FINE SAND tr FINE GRAVEL (SM)	0	
	512	22-24	8"	12-14 22-32		DENSE GRAY SILTY FINE SAND tr F-C SUBANGULAR GRAVEL (SM)	0	
	513	24-26	8"	26-26		DENSE GRAY FINE - MEDIUM SAND	0	

Metcalf & Eddy, Inc.

Page 2
GEOLOGIC LOG

PROJECT: BAYSIDE PETROLEUM		JOB NO: 60004548.01		BORING NO: BCS-9	
LOCATION: BUSHWICK CREEK INLET BROOKLYN NY		ELEVATION:		DEPTH: 50' (FROM MUDLINE)	
		DATE BEGUN: 3/15/06		DATE FINISHED: 3/16/06	
DRILL CONTRACTOR: WARREN GENCO		GEOLOGIST: ERIC ACS			
DRILLING RIG: ONE-55 ON A FLOAT		DRILLER: BOB VERPENT			
DRILLING METHOD: WATER ROTARY		DRILL FLUID: WATER		HOLE SIZE: 4" CASING	
WEATHER: SUNNY WINDY 30's-40's		DEPTH TO WATER:		DATE:	
COMPLETED AS WELL? NO		WELL PERMIT NO.		N/A	

DEPTH	SAMPLE NO.	SAMPLE DEPTH	RECOVERY	BLOW COUNTS	SAMPLE DESCRIPTION	HNUOVA ppm	NOTES:
25				15-15	SOME SILT, tr F-C GRAVEL (SM)		
30	S14	26-28	18"	12-18	DENSE GRAY SILTY FINE SAND, tr F-M GRAVEL, tr DECOMPOSED BOULDER (SM)	0	
				18-32			
	S15	28-30	10"	24-24	A) DENSE GRAY SILTY FINE SAND, tr F-M GRAVEL (SM)	0	5" SILTY SAND
				12-16	B) MED DENSE GRAY FINE SAND, tr F-C GRAVEL (SP)	0	5" SAND 3/15/06
30	S16	30-32	14"	12-14	DENSE GRAY FINE SAND, tr SILT (SP)	0	3/16/06
				24-28			
	S17	32-34	12"	18-16	DENSE GRAY FINE-MED SAND tr SILT (SP)	0	M. SUNNY V WINDY 30's-40's
				28-24			
75	S18	34-36	14"	14-14	DENSE GRAY FINE-MED SAND tr SILT GRADING TO FINE SAND (SP)	0	
				20-22			
	S19	36-38	12"	14-16	DENSE GRAY FINE-MED SAND tr LITTLE SILT (SP)	0	
				20-30			
40	S20	38-40	14"	18-24	V DENSE GRAY SILTY FINE SAND tr F-M GRAVEL (SM)	0	
				36-36			
	S21	40-42	16"	20-32	V DENSE GRAY SILTY FINE SAND tr F-M GRAVEL (SM)	0	
				28-34			
45	S22	42-44	16"	18-20	DENSE GRAY SILTY FINE SAND tr F-M GRAVEL (SM)	0	SAMPLES FOR LABORATORY
				26-22			
	S23	44-46	10"	9-12	HARD GRAY SILTY CLAY (SC) tr SILT	0	
				20-26			
50	S24	46-48	12"	8-20	A) HARD GRAY SILTY CLAY (SC)	0	8" CLAY
				25-18	B) DENSE BROWN F-M SAND (SP)	0	4" SAND
	S25	48-50	12"	10-22	HARD GRAY - RED/WHITE CLAY (CL)	0	HARD RED CLAY
				20-20			

EOB @ 50'

Metcalfe & Eddy, Inc.

PAGE 1
GEOLOGIC LOG

PROJECT: BAYSIDE PETROLEUM (DDC)		JOB NO: 6000 4548,01		BORING NO: BCS-10	
LOCATION: BUSHWICK CREEK INLET BROOKLYN NY		ELEVATION:		DEPTH: 52' (FROM MUDLINE)	
		DATE BEGUN: 3/16/06		DATE FINISHED: 3/21/06	
DRILL CONTRACTOR: WARREN GEORGE			GEOLOGIST: ERIC ACS		
DRILLING RIG: CORE 55 ON A FLOAT			DRILLER: BOB VERPENT		
DRILLING METHOD: WATER ROTARY			DRILL FLUID: WATER		HOLE SIZE: 4 1/2" CASING
WEATHER: M. SUNNY WINDY 20's-40's			DEPTH TO WATER:		DATE:
COMPLETED AS WELL? NO			WELL PERMIT NO. N/A		

DEPTH	SAMPLE NO.	SAMPLE DEPTH	RECOVERY	BLOW COUNTS	SAMPLE DESCRIPTION	HNWVA ppm	NOTES
					N 40 43 543 > GPS COORDINATES W 73 57 707		USING SAFETY HAMMER AT START OF DRILLING TIDE GAUGE = -1.0 DECK TO MUDLINE = 12.0
	51	0-2	6"	WOR	V LOOSE BLACK ORGANIC SILT tr clay (ML/OL)	1.5	SAMPLE STARTS AT MUDLINE
	52	2-4	8"	WOR	V LOOSE BLACK ORGANIC SILT tr clay (ML/OL)	0	
5	53	4-6	24"	WOR	V LOOSE BLACK ORGANIC SILT tr clay (ML/OL)	0	
	54	6-8	24"	WOR	V LOOSE BLACK ORGANIC SILT tr clay, tr fine sand (ML/OL)	0	
	55	8-10	20"	WOR	V LOOSE BLACK ORGANIC SILT tr clay, tr fine sand (ML/OL)	0	
10	56	10-12	8"	WOR	V LOOSE BLACK ORGANIC SILT tr clay, tr fine sand (ML/OL)	0	
	57	12-14	12"	WOR/12	V LOOSE BLACK ORGANIC SILT tr clay, wood pieces (ML/OL)	13.5	SAMPLE FOR LABORATORY WOOD IN SPOON NOSE (COT CROSS GRAIN) 12.5, MUD SOIL
15	58	14-16	4"	10-8	MED DENSE GRAY FINE SAND (SP)	0	3/16/07 3/17/07
	59	16-18	8"	10-14	MED DENSE GRAY FINE SAND tr silt (SP)	0	SUNNY WINDY 30's-40's
	510	18-20	10"	16-46	DENSE GRAY FINE SAND tr silt (SP)	0	
20	511	20-22	12"	14-18	V DENSE GRAY SILTY FINE SAND tr F-C GRAVEL (SM)	0	
	512	22-24	8"	24-22	V DENSE GRAY SILTY FINE SAND tr F-C GRAVEL (SM)	0	
25	513	24-26	8"	58-22	V DENSE GRAY FINE SAND, SOME	0	

Metcalf & Eddy, Inc.

PAGE 2
GEOLOGIC LOG

PROJECT: BAYSIDE PETROLEUM (CDC)		JOB NO: 60004548.01		BORING NO: BCS-10	
LOCATION: BUSHWICK CREEK INLET BROOKLYN NY		ELEVATION:		DEPTH: 52' (FROM MUDLINE)	
		DATE BEGUN: 3/16/06		DATE FINISHED: 3/21/06	
DRILL CONTRACTOR: WARREN GEORGE			GEOLOGIST: ERIC AHS		
DRILLING RIG: CME-55 ON A FLOAT			DRILLER: BOB VERPENT		
DRILLING METHOD: WATER ROTARY			DRILL FLUID: WATER		HOLE SIZE: 4 1/8" O.D.
WEATHER: M. SUNNY WINDY 25-40'S			DEPTH TO WATER:		DATE:
COMPLETED AS WELL? NO			WELL PERMIT NO. N/A		

DEPTH	SAMPLE NO.	SAMPLE DEPTH	RECOVERY	BLOW COUNTS	SAMPLE DESCRIPTION	HNMOVA ppm	NOTES:
25				28-30	SILT, tr F-C GRAVEL (SM)		
	S14	26-28	0	26-22			
				14-16	NO RECOVERY	—	GRAVEL BLOCKING SPOON
	S15	28-30	6"	12-12	tr. DENSE — DENSE GRAY SILTY FINE SAND, LITTLE F-C GRAVEL (SM)	0	
30				16-20			
	S16	30-32	4"	14-400/3"	V DENSE GRAY SILTY FINE SAND LITTLE F-C GRAVEL (SM)	0	BOULDER @ 30.8' (1" THICK)
				17-17	V DENSE GRAY SILTY FINE SAND LITTLE F-C GRAVEL (SM)	0	
				20-22			
35	S18	34-36	14"	12-8	V STIFF GRAY-WHITE SILT, tr CLAY (MH)	0	34.0 SETTY F. SAND SILT
				8-16			
	S19	36-38	8"	14-12	HARD GRAY-WHITE SILT, tr CLAY, tr FINE GRAVEL (MH)	0	DECOMPOSED BOULDER (HARD TEXTURE)
				16-22			
	S20	38-40	4"	12-16	HARD GRAY-WHITE CLAYEY SILT, tr FINE GRAVEL (MH)	0	
				18-38			
40	S21	40-42	12"	36-48	V DENSE GRAY SILTY FINE SAND tr F-M GRAVEL (SM)	0	
				30-38			
	S22	42-44	12"	24-30	V DENSE GRAY BROWN FINE-MED SAND, tr SILT (SP)	0	
				30-34			
45	S23	44-46	18"	12-20	V DENSE GRAY BROWN FINE-MED SAND, tr SILT, tr F-M GRAVEL (SP)	0	
				42-56			
	S24	46-48	12'	16-22	V DENSE GRAY FINE-COARSE SAND, tr F-C GRAVEL (SP)	0	SAMPLE FOR LABORATORY
				42-36			3/17/06
	S24	48-50	0	28-16			3/21/06
50				30-54	NO RECOVERY	—	3" CASING INSTALLED SUMM. COLL. 30'S-40'S

PAGE 3
GEOLOGIC LOG

[illegible]

Metcalf & Eddy, Inc.

PAGE 1
GEOLOGIC LOG

PROJECT: BAYSIDE PETROLEUM CDDC		JOB NO: 60004548.01		BORING NO: BCS-11	
LOCATION: BUSHWICK CREEK INLET BROOKLYN NY		ELEVATION:		DEPTH: 54' (FROM MUDLINE)	
		DATE BEGUN: 3/21/06		DATE FINISHED: 3/22/06	
DRILL CONTRACTOR: NATHAN GEORGE			GEOLOGIST: ERIC ACS		
DRILLING RIG: CYME 55 ON A FLOAT			DRILLER: BOB KERPEK		
DRILLING METHOD: WATER ROTARY			DRILL FLUID: WATER		HOLE SIZE: 4" O.D. SINE
WEATHER: SUNNY COLD 30's-40's			DEPTH TO WATER:		DATE:
COMPLETED AS WELL? NO			WELL PERMIT NO. N/A		

DEPTH	SAMPLE NO.	SAMPLE DEPTH	RECOVERY	BLOW COUNTS	SAMPLE DESCRIPTION	VANADIA ppm	NOTES:
					N 4043 520 W 7357 710 > GPS COORDINATES		USING SAFETY HAMMER AT START OF DRILLING TIDE GAUGE = 2.0
							DECK TO MUD = 16.5
	51	0-2	2"	WOR	V SOFT BLACK ORGANIC SILT, tr CLAY (ML/OL)	0	SAMPLING STARTS @ MUDLINE
	52	2-4	18"	WOR	V SOFT BLACK ORGANIC SILT, tr CLAY (ML/OL)	0	
	53	4-6	16"	WOR	V SOFT BLACK ORGANIC SILT, tr CLAY tr FINE SAND (ML/OL)	0	
	54	6-8	20"	WOR	V SOFT BLACK ORGANIC SILT, tr CLAY tr FINE SAND (ML/OL)	0	ORGANIC ODR
	55	8-10	14"	WOR	V SOFT BLACK ORGANIC SILT, tr CLAY tr FINE SAND (ML/OL)	0	
	56	10-12	12"	WOR	V SOFT BLACK ORGANIC SILT, tr CLAY, tr FINE SAND (ML/OL)	0.3	ONLY SMALL PORTION OF SPOON HAD PID READING
	57	12-14	12"	WOR	V SOFT BLACK ORGANIC SILT, tr CLAY, tr FINE SAND (ML/OL)	1.2	
	58	14-16	20"	WOR	V SOFT BLACK ORGANIC SILT, tr CLAY, tr FINE SAND (ML/OL)	5.6	
	59	16-18	14"	WOR	V SOFT BLACK ORGANIC SILT, tr CLAY, tr FINE SAND (ML/OL)	8.5	
	510	18-20	12"	1-1/12"	V SOFT BLACK ORGANIC SILT, tr CLAY, tr FINE SAND, tr GRAVEL (ML/OL)	42.2	SAMPLE FOR LABORATORY GRAVEL IS ASH & CHALK PETROLEUM (CREOSOTE) 0-0 OR
	511	20-22	12"	1/12"	V SOFT BLACK ORGANIC SILT, tr CLAY, tr FINE SAND, tr GRAVEL (ML/OL)	20.2	22' MUD SOIL
	512	22-24	20"	3-5	STIFF GRAY/WHITE SILTY CLAY SOME FINE SAND (CL)	0	DECOMPOSED BOUNDER
	513	24-26	18"	10-12	V STIFF GRAY/WHITE SILTY CLAY	0	

Metcalf & Eddy, Inc.

PAGE 2
GEOLOGIC LOG

PROJECT: BAYSIDE PETROLEUM		JOB NO: 60004544.01		BORING NO: BCS-11	
LOCATION: BUSHWICK CREEK INLET BROOKLYN NY		ELEVATION:		DEPTH: 54' (FROM MUDLINE)	
		DATE BEGUN: 3/21/06		DATE FINISHED: 3/22/06	
DRILL CONTRACTOR: WARREN GEORGE			GEOLOGIST: ERIC AD		
DRILLING RIG: CME-55 ON A FLOAT			DRILLER: BOB VERPENT		
DRILLING METHOD: WATER ROTARY			DRILL FLUID: WATER		HOLE SIZE: 4" CASING
WEATHER: SUNNY COLD 30's-40's		DEPTH TO WATER:		DATE:	
COMPLETED AS WELL? NO		WELL PERMIT NO. N/A			

DEPTH	SAMPLE NO.	SAMPLE DEPTH	RECOVERY	BLOW COUNTS	SAMPLE DESCRIPTION	HNuOVA ppm	NOTES:
25				20-18	SOME FINE SAND (CL)		
	S14	26-28	20"	7-12	V STIFF GRAY/WHITE SILTY CLAY SOME F-M SAND (CL)	0	
				16-16			
	S15	28-30	20"	24-14	HARD GRAY/WHITE SILTY CLAY SOME F-M SAND, GR FINE GRAVEL (CL)	0	
30				16-14			
	S16	30-32	3"	35-35	V DENSE GRAY F-M SAND, GR F-C GRAVEL (SP)	0	3/21/06 m sunny mod wind 30's-40's
				35-52			
	S17	32-34	8"	30-34	V DENSE BROWN SILTY FINE SAND (SP)	0	NO GRAVEL
				26-44			
35	S18	34-36	8"	38-38	V DENSE BROWN SILTY FINE SAND GR F-C GRAVEL	0	
				32-28			
	S19	36-38	14"	14-22	V DENSE BROWN SILTY FINE SAND, GR CLAY (SP)	0	NO GRAVEL
				34-38			
	S20	38-40	4"	32-20	DENSE GRAY BROWN SILTY FINE SAND, GR CLAY (SP)	0	
				25-20			
40	S21	40-42	14"	22-16	DENSE GRAY SILTY FINE SAND GR CLAY (SM)	0	
				16-25			
	S22	42-44	20'	12-26	V DENSE GRAY SILTY FINE SAND (SM)	0	
				48-50			
45	S23	44-46	22"	20-24	V DENSE GRAY SILTY FINE SAND (SM)	0	NO GRAVEL
				32-32			
	S24	46-48	16"	12-20	V DENSE BROWN FINE-MEDIUM SAND, GR SILT (SP)	0	
				34-38			
	S25	48-50	16"	34-22	A) V DENSE BROWN F-M SAND GR SILT (SP) B) HARD GRAY SILTY SAND (SM)	0	11" F-M SAND 5" SAND
50				38-36		0	

PA 23

[illegible]

METCALF & EDDY, INC.
1140 Route 22 East – Suite 101
Bridgewater, NJ 08807
Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job # 60004548.01	Date: 03/18/06
Project Name: Bayside Petroleum (DDC)	Time Arrived: 6:15
Location: Bushwick Creek Inlet, Brooklyn, NY	Time Departed: 16:00
Contractor on Site: Aquifer Drilling & Testing, Inc.	Weather: Clear & sunny, windy
Contractor Equipment on Site: Track mounted drill rig and support truck	
DDC Subcontractor On-Site: Warren George	Temp: 20 – 30 °F
DDC Subcontractor Equipment: Drilling float with CME-55	
Activities:	
<ul style="list-style-type: none"> - Advanced and completed the borehole BC-8 to a depth of approximately 44 ft bgs collecting continuous split spoon samples. The PID readings recorded within the headspace of the soil samples collected from 25 to 25 ft bgs ranged from 1 to 10.6 ppm. - Encountered an obstruction at approx. 44 ft bgs and had to abandon the borehole due to time constraints. - Two soil samples were collected at BC-8 from 31 to 33 ft bgs (BC-8 31-33) and 41 to 43 ft bgs (BC-8 41-43) that were submitted to the lab for VOCs, SVOCS, PCBs, TAL Metals and Cyanide analyses. Split samples from the same depths were also collected for Greenpoint Monitor Museum personnel. - The borehole BC-7 was grouted with a mixture of Portland cement, bentonite slurry and drill cuttings. - ADT crew demobilized from the site after loading all miscellaneous equipment stored next to the drum storage area. - A field blank sample (FB031806) was collected using a split spoon sampler and submitted to the lab for VOCs, SVOCS, PCBs, TAL Metals and Cyanide analyses. - According to the Community Air Monitoring Plan (CAMP), a PID and a DataRAM (dust meter) were used onsite to screen the breathing zone and downgradient of the work area. No exceedances were noted on either of these instruments. 	
Discrepancies: None	
Recommendations: None	
Contractor Forces & Equipment:	
<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required	
Recommendations:	
<input type="checkbox"/> Described <input type="checkbox"/> Attached <input checked="" type="checkbox"/> None	
Number of Attachments: Field Log	Signed: Sirish Musthyala
Continued on Back? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Distribution: Project Manager <input checked="" type="checkbox"/>	
File Original <input checked="" type="checkbox"/>	

03/18/06

TOTAL OF 16 JAWING PERIODS
 BC-1 TO BC-7.
 AN BROADBAND VIBRIC STIMULATED
 TO CLARE.
 1100 CROWDING WITH REMOVAL OF
 FROM BC-3 AND MORE THE AREA
 TO BC-8.
 - COLLECTED THE DATA DIFFERENTIAL
 FOR ART CROWD
 1415 ART CROW LEFT THE SITE
 FOR THE DAY
 1430 COLLECTED THE DATA FOR THE
 CROWD POINT MONITORING ANTERIOR
 1445 HANDLED WITH THE CORE SAMPLE
 BC-7 60-61 VOCALS ONLY TO
 JANGLE AND GEORGE VERNON
 1500 LEFT THE SITE FOR THE
 DAY

~~M. Smith~~

03/18/06

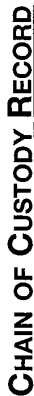
PROJECT, BUSH WACK CREEP BUILT
 VIBRATION, CRYSTAL SUNDY, VIBRATION SUNDY
 615 ANALYZED ANTERIOR
 BUS CROWD ANTERIOR ON SITE
 700 CROWD COLLECTED THAT THEY WERE
 ANALYZING THE BEES IN THE DRUM
 HALL.
 755 COLLECTED A FEED ID BUSH SAMPLE
 BY MEASURING THE WAITING OVER A FEW
 BUSH SAMPLES.
 845 COLLECTED (ART) THE MESSAGE WITH ANTERIOR
 TO START THE FEED BY THE VIBRATION
 915 CROWD STARTED DRILLING AT SC-8
 1100 COLLECTED A FEW SAMPLES AT
 BC-8 FROM 91-93 BC-8 SAW IT
 HAD A FEW MORE OF A 10-6 HALL. NO
 OTHER OBSERVED WITH IT.
 1200 CROWD BEGINS FOR LUNCH AFTER
 ADVANCE THE DRILLING TO A
 POINT OF 15 BC-8.
 1300 CROWD STARTED BACK WORKING AT
 BC-8.
 1315 ENCOUNTERED AN OBSERVATION AT

32/816

Approximately 4430 and the
 Avion Air Controller on the
 - came in and saw some smoke
 coming from the south. The
 Avion light on the runway.
 - attempting to contact a pilot
 from Saigon. A small plane
 or helicopter took into view
 at the end of the runway.
 1355 crew stopped the plane
 - and waited for fuel.
 and Saigon A. on the
 CTR phone. Some status
 about possible BC-8. In the
 that BC-8 will be abandoned
 at 4430 and would not
 have been there to
 be down there. Some
 - contacted a pilot from
 41-4830s from the
 1420 crew started to run the
 towers from the ground.
 1500 crew completed possible the
 Avion.
 - Since the down control

03/8106

NOT BE DOWNED AND
 sent to the down the
 battle failed the
 down control and
 finally. Any extra
 were spotted on top of the
 battle BC-8
 1515 crew started to load up the
 support team with
 2700s (some) not to the
 status area
 - loaded the last
 plane BC-8. The
 the last
 1600 crew left the
 up the down area
 1700 ~~staff~~ arrived at
 the down, not
 back and when
 arriving at the
 by / down



CHAIN OF CUSTODY RECORD

AMERISCI BOSTON

**8 School Street ~ Weymouth, MA 02189
888.724.5221 Toll Free
781.337.9334 Phone ~ 781.337.7642 Fax**

www.amerisci.com

COMPANY: METCALF & EDDY INC.

ADDRESS: 1140 ROUTE 22 EAST, BRIDGEWATER, NJ 08807

PHONE: (98)947-0276	FAX 1: (98)707-8876
---------------------	---------------------

FAX 1:	(908) 765-0000	FAX 2:	
--------	----------------	--------	--

CLIENT: NELSON ABAMS
CONTACT:

EMAIL: NEZ.SON.ABNA@comcast.net

PROJECT	RAYCIDE	MD
NAME:	RAYCIDE	RICHMOND

PROJECT NUMBER:	60204548.01
PROJECT STATE:	NY

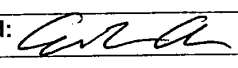
**MATRIX: A-WATER S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS
WI-WIPES C-CASSETTES W-WASTE O-OTHER**

**CONTAINER: P-PLASTIC
G-GLASS V-VOA**

[illegible]

METCALF & EDDY, INC.
1140 Route 22 East - Suite 101
Bridgewater, NJ 08807
Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job #	60004548.01	Date:	2/21/06
Project Name:	BAYSIDE PETROCEM / BUSHWICK CREEK INLET	Time Arrived:	7:00
Location:	BROOKLYN NY - KENT AVE	Time Departed:	15:00
Contractor on Site:	WARREN GEORGE / ADT	Weather:	OVERCAST / CLOUDY
Contractor Equipment on Site:	DRILLING FLOAT W/ CME-55		WINDY
M&E Subcontractor On-Site:	ADT	Temp:	40's
M&E Subcontractor Equipment:	TOW BEHIND COMPRESSOR, HAND VACUUM		
Activities:	THE DRILLING FLOAT HAD BEEN SAILED INTO THE INLET YESTERDAY AND WAS SET UP ON THE BCS-1 LOCATION. WARREN GEORGE DRILLERS ARRIVED ONSITE @ 7:30 AND LEFT TO GET FUEL FOR THE DRILL RIG AND STEAM CRAWLER. MATT SCHNECK OF LONGSHORE ENVIRONMENTAL ARRIVED @ 7:45. MATT REPRESENTS THE ENVIRONMENTAL CONSULTANT FOR MOTIVA ENTERPRISES, THE OWNER OF THE BUSHWICK CREEK INLET. WARREN GEORGE PERSONNEL WAS PREVENTED FROM DRILLING BECAUSE THEY DID NOT HAVE LIFE PRESERVERS AND A LIFE THROW RING AS REQUIRED BY THE HEALTH & SAFETY PLAN. THESE ITEMS WERE DELIVERED @ 13:30. WARREN GEORGE PERSONNEL FILLED A 500 GALLON WATER TANK WITH POTABLE WATER USING A HYDRANT ON KENT AVE AND GARDEN HOSE (THE HOSE WAS STRUNG FROM THE FLOAT TO THE HYDRANT). THEY FILLED ALL THE ENGINES WITH FUEL AND PREPARED THE DECK TO GET AN EARLY START ON DRILLING TOMORROW. NO DRILLING TOOK PLACE TODAY. AQUIFER DRILLING ARRIVED EARLY, BUT REPORTED TO 12TH ST, NOT METE UPON THEMSELVES. THEY CLEARED B-20A ON 12TH ST AND BACKFILLED IT. METE FINDS ADT ON 12TH ST AFTER DDC CALLED THE ADT OFFICE.		
Contractor Forces & Equipment:	<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required		
Recommendations:	<input type="checkbox"/> Described <input type="checkbox"/> Attached <input checked="" type="checkbox"/> None		
Number of Attachments:	None	Signed:	
Continued on Back?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Distribution:	Project Manager <input checked="" type="checkbox"/> NELSON ABRAMS		
	Others		
	File Original <input checked="" type="checkbox"/>		

200B # 60004548.01 Date

Location

Project / Client

MATT	631	433	2945		
Nelson	908	578	-6734		
	908	947	8274		
Georey/Torve		WEINMAN	718	383	2437
		CLARKSON	MONZON	MUSUM	

BARGE DELIVER TO WAREHOUSE

Location BROOKLYN NY Date 2/24/05

Project / Client DDC - NYC

BUSHWICK CREEK INLET / DDC	
WEATHER - OVERCAST	40'S
PERSONNEL - E. AOS	MTE
	S. LUDDECKI WG-
	B. VIGRENT WG-
	MATT SCHNECK LONGSHORE
	ADT
5:00 - CALIBRATE FID	SPAN = 100 PPM
7:00 - ARRIVE ONSITE (BUSHWICK CREEK WRET)	
	FIND BOTH GATES LOCKED DIRECTLY WITH
	LOCKS - GATE NEAR RIVER HAS SNOW
	PUSHED UP TO IT AND VEHICLES CANNOT
	ENTER. AWAIT PERSONNEL TO OPEN
	LOCKS IF POSSIBLE - OTHERWISE MTE
	WILL CUT IT.
7:30	CLIFFORD GEORGE DRILLERS ARRIVE -
	THEY GET FUEL.
7:40	MATT SCHNECK ONSITE
9:00	SET UP ON FLOAT
	DRILLERS HAVE N LITE USED
	OR DONOT RING - WILL NOT
	BE ALLOWED TO DRILL WITH AN IS

Location BUSHWICK CREEK Date 2/21/06
Project / Client DDC - NYC


	DELIVERED SET OF WATERLINE	
	FROM IMPROVEMENT TO FRONT	
10:00	JERRY LOUIS - ON SITE -	
10:15	JERRY LOUIS OFF SITE -	
11:00	STILL AWAITING LIFE VESTS / RING	
	END ADT ON 12th ST -	
	THEY CLEARED B-12A (THAT THEY	
	WAS NOT SUPPOSE TO) THEY ARE	
	STILLIN BUSHWICK CREEK INLET BUT	
	THEY SAID THEY COULD NOT CLEAR	
	ANY MORE HOLES BECAUSE THEY BROKE	
	THEY COMPRESSOR	
	ADT OFFSITE - WILL BE HERE TOMORROW	
	VESTS + RING ARRIVE.	
	CREW SETS UP DECON PAD	
	& CLEANS DECK OFF ADT TO	
	PREPARE FOR TOMORROW'S GOULAN	
15:00	OFFSITE @ 15:00	

Location BROOKLYN NY Date 2/22/06
Project / Client DDC - NYC

	BUSHWICK CREEK INLET / DDC	
	WEATHER - OVERCAST 40's	
	PERSONNEL - E. ACS MTE	
	MATT SCHNECK - LONGSHORE ENV.	
	S. LUDDECKI - WILSON GEOL.	
	B. VERDENT - WILSON GEOL.	
	JAMES MENARD - ADT	
	PEARL GARCIA - ADT	
5:00	ON-LERATE PID - SPAN = 100' PM	
6:30	MTE ON SITE	
7:00	W/S - LONGSHORE ENV. ON SITE	
7:30	ADT ON SITE TO CLEAR BOREHOLE	
8:15	BEGIN DRILLING BCS-1	
	ADT BEGINS TO CLEAR BOREHOLE	
	STARTING WITH BCS-1	
10:00	DOWN TO 22' IN BCS-1 -	
	MUD ENDS @ 20' FROM MUDLINE	
	TO A CORSE SAND.	
	- BCS-1 CLEARED BY HAND ASHLIN	
	TO 5' BELOW GRADE	
9:30	JIM BOMBO ON SITE (DDC LEAVES @ 10:15)	
10:15	ADT MOVES TO CLEAN BCS-2	
12:45	JIM BOMBO OFF SITE	
	DDC REMAINS 24 ON	

METCALF & EDDY, INC.
 1140 Route 22 East - Suite 101
 Bridgewater, NJ 08807
 Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job # 60004548.01		Date: 2/22/06
Project Name: BAYSIDE PETROLEUM / BUSHWICK CREEK INLET		Time Arrived: 7:00
Location: BROOKLYN NY - KENT AVE		Time Departed: 15:00
Contractor on Site: WARREN GEORGE		Weather: OVERCAST 7 SUNNY
Contractor Equipment on Site: DRILLING FLOAT W/ CM 55		
EOT M&E Subcontractor On-Site: ADT DDC		Temp: 40's
60+ M&E Subcontractor Equipment: TOW BEHIND COMPRESSOR, HAND DDC VACTOR / HAND TOOLS		
Activities: WARREN GEORGE DRILLERS BEGAN TO DRILL BOS-1 LOCATION USING 4" CASING. THE BORING WAS CONTINUOUS SAMPLED AND THE MUD EXTENDED TO 20 FEET FROM THE TOP OF THE MUDLINE. THE FLOAT DECK WAS 21.5' TO THE MUDLINE AT THE START OF DRILLING AND THE TIDE ELEVATIONS WERE RECORDED ON THE FLOAT SPUD SO THAT CORRECTIONS TO THE DRILL STRING DEPTH COULD BE MADE AS THE TIDE CHANGES.		
PETROLEUM CONTAMINATION WAS NOTED IN THE MUD FROM 6' TO 20' FROM MUDLINE WITH THE MOST CONTAMINATION AS EVIDENCED BY PID READINGS BEING THE 18'-20' INTERVAL. THIS WAS SAMPLED FOR LABORATORY ANALYSIS (VOC, SVOC, TCM METALS, PCB, CYANIDE) A SPLIT SAMPLE FOR VOC ONLY WAS GIVEN TO LONGSHORE ENVIRONMENTAL.		
NO CONTAMINATION WAS NOTICED BELOW 22' FROM MUDLINE. THE SOILS WERE GRAY SANDS TYPICAL OF TILL MATERIAL. THE DRILLER BELIEVES ROCK WAS ENCOUNTERED @ 32.8' FROM MUDLINE AS HE ROLLER BITTED 3' INTO THE HARD MATERIAL WITHOUT COMING THROUGH. THE BORING WAS TERMINATED AT 35.8' WITH THE 30'-32' INTERVAL SAMPLED FOR LABORATORY ANALYSIS. WARREN GEORGE PULLED THE RODS AND DRUMMED THE CUTTINGS THE 30'-32' SAMPLE WAS SPLIT FOR VOC WITH LONG SHORE ENV.		
Contractor Forces & Equipment:		
<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required		
Recommendations:		
<input type="checkbox"/> Described <input type="checkbox"/> Attached <input checked="" type="checkbox"/> None		
Number of Attachments: None		Signed: 
Continued on Back? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Distribution: Project Manager <input checked="" type="checkbox"/> NELSON ABRAMS		
Others		
File Original <input checked="" type="checkbox"/>		

Location BUSHWICK CREEK Date 2/24/06
 Project / Client DDC - NYC

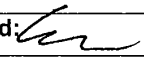
	VALLEJO SET UP WATER LINE FROM IMPROVEMENT TO FLOW	
10:00	JERRY LOUIS ON SITE -	
10:15	JERRY LOUIS OFF SITE -	
11:00	STILL AWAITING LIFE VESTS / RING FIND ADT ON 12th ST -	
	THEY CLEARED B-12A (THAT THEY WERE NOT SUPPOSE TO) THEY ARE	
	STILL BUSHWICK CREEK INLET BUT	
	THEY SAID THEY COULD NOT CLEAN ANY MORE HOLES BECAUSE THEY BRACK	
	THEY COMPRESSION	
	ADT OFF SITE - WILL BE HERE TOMORROW	
	VESTS + RING ARRIVE.	
	CREW SETS UP DECON PAD & CLEANS DECK OF AWAY TO	
	PREPARE FOR TOMORROW'S DRILLING	
15:00	OFF SITE @ 15:00	

Location BROOKLYN NY Date 2/22/06
 Project / Client DDC - NYC

	BUSHWICK CREEK INLET / DDC	
	WEATHER - OVERCAST 40's	
	PERSONNEL - E. ACS MTE	
	MATT SCHNECK - LONGSHORE ENV.	
	S. LUDDECKI - WILSON GEORGE	
	B. VERDEANT - WILSON GEORGE	
	JAMES MENDEL - ADT	
	PEREIRA GEORGE - ADT	
5:00	ORVILLE FID - SPAN = 160' APPROX	
6:30	MTE ON SITE	
7:00	MTE - LONGSHORE ENV. ON SITE	
7:30	ADT ON SITE TO CLEAN BURNINGS	
8:15	BEGUN DRILLING BCS-1	
	ADT BEANS TO CLEAR BURNINGS	
	STARTING WITH BCS-1	
10:00	DOWN TO 22' IN BCS-1 -	
	MUD ENDS @ 20' FROM MUDLINE	
	TO A CORSE SAND.	
	- BCS-1 CLEARED BY HAND AVAILABLE	
	TO 5' BELOW GRADE	
9:30	JIM ROMEO ON SITE (DDC) LIVES @ 10:15	
10:15	ADT ARRIVES TO CLEAN BCS-2	
12:45	JIM ROMEO DEPARTS	
	ADT BEANS DOWN TO 34' ON	

METCALF & EDDY, INC.
1140 Route 22 East - Suite 101
Bridgewater, NJ 08807
Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job #	60064548.01	Date:	2/23/06
Project Name:	BAYSIDE PETROLEUM/ BUSHWICK INLET	Time Arrived:	6:30
Location:	BROOKLYN NY - KENNY AVE	Time Departed:	15:00
Contractor on Site:	WARREN GEORGE	Weather:	OVERCAST -
Contractor Equipment on Site:	DRILLING FLAT W/ CME-55		P SUNNY
M&E Subcontractor On-Site:	ADT	Temp:	40'
M&E Subcontractor Equipment:	TOW BEHIND COMPRESSOR, HAND VACUUM / HAND TOOLS		
Activities:	WARREN GEORGE DECONTS THE DRILLING TOOLS USED YESTERDAY, CONTAINING THE WATER & SOIL GENERATED IN DRUMS. THEY GROUT THE BOREHOLE. MTE LOCATED THE REMAINING LAND BURNING AND UTILITIES AS SHOWN ON THE SITE MAP. WARREN GEORGE MOVED THE DRILLING FLAT TO THE BCS-2 LOCATION USING THE MOTOR BOAT. THEY DRILL THIS BORING TO 32' FROM THE MUDLINE. THE MEASUREMENT FROM THE FLAT DECK TO THE MUDLINE WAS 22' AT START OF DRILLING. CIRCULATION WAS AGAIN LOST DURING DRILLING SO BUSHWICK CREEK WATER WAS USED TO DRILL. THE MUD/SOIL INTERFACE IS 16.5 FEET BELOW THE MUDLINE. ONE LABORATORY SAMPLE, BCS-2 12-14 WAS TAKEN. PETROLEUM STAINING AND PID READINGS WERE OBTAINED FROM 4' TO 16.5' BELOW MUDLINE, WITH THE 12-14 FOOT SAMPLE WITH THE HIGHEST PID READINGS (16.8 PPM). THE ENTIRE SAMPLE WAS SPLIT WITH LONGSHORE ENVIRONMENTAL. NO "CLEAN" SAMPLE WAS TAKEN AS THE BORING IS NOT COMPLETE. ADT FINISHED CLEARING BC-3 TO 5'. THEY ATTEMPTED TO CLEAR BC-4 BUT HAD NO SUCCESS. THEY MADE FOUR ATTEMPTS, EACH TIME ENCOUNTERING CONSTRUCTION DEBRIS (BRICK & MORTAR BLOCKS) THEY MOVED TO THE BC-5		
Contractor Forces & Equipment:	<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required		
Recommendations:	<input type="checkbox"/> Described <input type="checkbox"/> Attached <input checked="" type="checkbox"/> None		
Number of Attachments:	None	Signed:	
Continued on Back?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Distribution: Project Manager	<input checked="" type="checkbox"/> NELSON ABRAHAM		
Others			
File Original	<input checked="" type="checkbox"/>		

Location BROOKLYN NY Date 2/23/04
 Project / Client DDC - NYC
BUSHNICK CREEK INLET

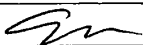
14:30	WINDMILL GROUND DOWN 32'	
	FROM MUDLINE	
	ADT HAND DIGGING BC-5 LATERAL	
15:45	DRAIN MACHINE PATCH UP	
	TOOLS FOR THE DAY	
	ADT COMPLETES BC-5 TO 5'	
16:00	ALL OFFSITE	

Location BROOKLYN NY Date 2/24/04
 Project / Client DDC - NYC
BUSHNICK CREEK INLET

	BUSHNICK CREEK INLET	
	WINDMILL - SUNNY COLD WINDY 40'S	
	PERSONAL - E. ADS - MARE	
	M SCHNECK - LONGSHORE ENV.	
	S. LUDDECKE	
	B. VERPENT	
	J. JACQUES - ADT	
	J. WEINMAN - C. WAINMAN - GREENBERG	
5:00	DRILL BOAT PIP - SPAN = 100 FT	
6:35	MTE ON SITE	
7:15	- WINDMILL GROUND ON SITE	
7:30	- WATT SCHEMATA (LONGSHORE) ON SITE	
7:45	- ADT ON SITE	
	WINDMILL GROUND CONTINUES TO	
	DRILL BC-5-2 FROM 32'	
	ADT SEES UP ON BC-6 LOCATION	
9:00	ADT CRIES BC-6 LOCATION	
	TO 5' MOVES TO BC-7 LOCATION	
	W.G. DOWN TO 38' BELOW MUDLINE	
11:30	DRILL CRIES DOWN TO 48' FROM	
	MUDLINE (70' FROM APPROXIMATE)	
	GOES - NO CURT LENSIS ENGAGEMENT	

METCALF & EDDY, INC.
1140 Route 22 East - Suite 101
Bridgewater, NJ 08807
Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job #	6000 4548.01	Date:	2/24/06
Project Name:	BAYSIDE PETROCENT / BUSHWICK CREEK INLET	Time Arrived:	6:30
Location:	BROOKLYN NY	Time Departed:	15:00
Contractor on Site:	WARREN GEORGE	Weather:	SUNNY COLD
Contractor Equipment on Site:	DRILLING FLAT W/ CME-55		WINDY
M&E Subcontractor On-Site:	ADT	Temp:	40's
M&E Subcontractor Equipment:	TOW BEHIND COMPRESSOR, HAND VACUUM / HAND TOOLS		
Activities:	WARREN GEORGE CONTINUES TO DRILL BCS-2 FROM 32' FROM MUDLINE. THE BORING WAS CONTINUED WITH CONTINUOUS SAMPLING AND WAS TERMINATED @ 48' FROM THE MUDLINE. WITH A 22' MEASURE FROM BARGE DECK TO MUDLINE, THIS IS 70' TOTAL DEPTH. IT IS TO BE NOTED THAT THE BARGE DECK AS IT FLATS IS ROUGHLY EQUAL IN ELEVATION TO THE LAND SURFACE AT THE BAYSIDE PETROLEUM COMPLEX. NO RED CLAY LAYER, NO ROCK AND NO CONTAMINATION WAS NOTED BELOW THE BOTTOM OF THE MUD LAYER AT 16.5' FROM THE MUDLINE. A "CLEAN" SAMPLE FROM THE 46'-48' INTERVAL WAS TAKEN FOR LABORATORY ANALYSIS. GRAY TILL WAS ENCOUNTERED FROM 16.5' TO THE BOTTOM OF THE BORING. THE SAMPLE FROM 46'-48' (FROM THE MUDLINE) WAS SPLIT ENTIRELY WITH LONGSHORE ENVIRONMENTAL. WARREN GEORGE DECONTAMINATES THE DRILLING TOOLS AND PIPING. THEY CONTAIN ALL WASTES, SOIL & WATER, IN DRUMS. DRILLING CIRCULATION CONTINUES TO BE LOST AS THE BOREHOLE ADVANCED SO BUSHWICK CREEK WATER WAS USED. ALL WATER WAS DRAINED FROM THE MACHINERY AND ANTIFREEZE PUT IN AS THE WEATHER IS PREDICTED TO GO BELOW FREEZING TONIGHT.		
Contractor Forces & Equipment:	<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required		
Recommendations:	<input type="checkbox"/> Described <input type="checkbox"/> Attached <input checked="" type="checkbox"/> None		
Number of Attachments:	None	Signed:	
Continued on Back?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Distribution:	Project Manager <input checked="" type="checkbox"/> NELSON ABRAMS		
	Others		
	File Original <input checked="" type="checkbox"/>		

Location BROOKLYN NY Date 2/28/06
 Project / Client DDC - NYC
BUSWICK CREEK INLET

14:30	WINDY GEORGE DOWN 32'	
	FROM MUDLINE	
	ADT HAND DIGGING BC-5 LOCATION	
14:45	GRAIN MACHINE BACK UP	
	TOOLS FOR THE DAY	
	ADT COMPLETES BC-5 TO 3'	
15:00	ALL OFFSITE	

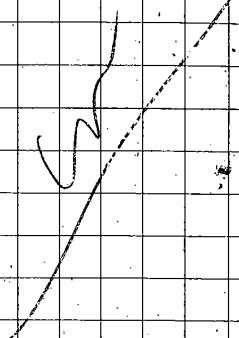
Location BROOKLYN NY Date 2/24/06
 Project / Client DDC - NYC
BUSWICK CREEK INLET

	BUSWICK CREEK INLET	
	WINDY - SUNNY COLD WINDY 140's	
	PERSONAL - E. ACS - MIRE	
	M SCHNECK - LONGSHORE ENV.	
	S. LUDDECKI	
	B. VERPENT	
	J. KAYAK - ADT	
	J. WEINMAN C. WAINMAN - GREENMAN	
5:00	ONE BOAT PIP - SPAN = 100 FT	
6:35	MIRE ON SITE	
7:15	WINDY GEORGE ON SITE	
7:30	MATT SCHNECK (LONGSHORE) ON SITE	
7:45	ADT ON SITE	
	WINDY GEORGE CONTINUES TO	
	DRILL BC-5-2 FROM 32'	
	ADT STAYS UP ON BC-6 LOCATION	
9:00	ADT CLEARS BC-6 LOCATION	
	TO 5' MUDLINE TO BC-7 LOCATION	
	W.G. DOWN TO 38' BELOW MUDLINE	
11:30	DRILL COMPLETES DOWN TO 48' FROM	
	MUDLINE (TO FORM APPROXIMATE)	
	EOB - NO CURY LENSES ENCOUNTERED	

Location BROOKLYN NY Date 2/24/06
 Project / Client DRL - NYC
BUSHWICK GREEN MEET

NO ROCK ENCOUNTERED, NO COMMUNICATION
 WITH GO. BELOW THE MID INTERFERENCE
 14'5" (BELOW MIDLINE)
 ADT GETS THROWN OFF OF THE BEAT
 LOCATION IS CLOSE BY IS SUBSIDING UNDER
 13'4" THE MUSEUM - NELSON MARRIS (NOTE)
 IS INFORMED OF THIS AND WILL FORWARD
 THE INFORMATION TO DDC PEOPLE INTERVIEWED
 TO
 140 SAMPLE 46'-48' INTERVAL FOR
 LITHOLOGICAL ANALYSIS - THE SAMPLE
 SAMPLE IS SPLIT WITH CONSECUTIVE
 ANALYSIS
 DIGGERS GREAT BURDEN & FULL
 CHASING FROM HOLE
 140 BEGAN TO DECONSTRUCT TOOLS &
 ORGAN
 10:45 - 11:15 GEORGE & JARVIS WENMAN
 ON SITE FROM THE GREENPOINT
 MONITOR MUSEUM ORGANIZATION
 AS REPORTED TO ME

Location BROOKLYN NY Date 2/24/06
 Project / Client BUSHWICK GREEN MEET

BY MITT SCHUNK OF CONSECUTIVE EV
 13:15 DECON COMPLETE - BEGAN TO
 CONSOLIDATE WASTES INTO DRUMS
 ONE FOR WASTE/ONE FOR SOIL
 14:15 BEGAN TO DRUM WASTE FROM
 MACHINERY AND PUT IN ANTIFREEZE
 AS THE WEATHER PREDICTION IS
 FOR BELOW FREEZING TONIGHT
 15:00 ALL OFF SITE - MIKE & LONGSHORE
 MET ON STONE THE NEXT
 WARM BURNING LOCATION


METCALF & EDDY, INC.
 1140 Route 22 East - Suite 101
 Bridgewater, NJ 08807
 Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job # <u>6000 4548.01</u>	Date: <u>2/27/06</u>
Project Name: <u>BAYSIDE PETROLEUM/BUSHWICK CREEK INLET</u>	Time Arrived: <u>6:30</u>
Location: <u>BROOKLYN NY - POINT AVE</u>	Time Departed: <u>15:00</u>
Contractor on Site: <u>WARREN GEORGE (ADT)</u>	Weather: <u>M. SUNNY</u>
Contractor Equipment on Site: <u>DRILLING FLOAT W/CME-55</u>	<u>WINDY</u>
M&E Subcontractor On-Site: <u>ADT</u>	Temp: <u>20°</u>
M&E Subcontractor Equipment: <u>TRACK MOUNTED DRILLING RIG</u>	

Activities: WARREN GEORGE MOVED THE DRILLING FLOAT TO THE BC-3 LOCATION. THEY BEGAN TO DRILL THIS LOCATION, BUT ENCOUNTERED AN OBSTRUCTION AT 15' BELOW THE MUDLINE. A LABORATORY SAMPLE HAD ALREADY BEEN TAKEN, BC-3-12-14, AS THIS EXHIBITED THE HIGHEST PID READING. THIS SAMPLE WAS SPLIT FOR VOC'S ONLY WITH LONGSHORE ENVIRONMENTAL (NOT ENOUGH VOLUME FOR A COMPLETE SPLIT) AS A RESULT OF THIS OBSTRUCTION, THE BORING WAS RELOCATED APPROXIMATELY 5' FROM THE FIRST, AND SAMPLING CONTINUED FROM THE 15' DEPTH (THE NEXT INTERVAL WAS 16'-18') WARREN GEORGE DRILLED TO 20' BELOW MUDLINE BEFORE QUITTING FOR THE DAY.

ADT ARRIVED LATE AT 9:30 WITH A TRACK RIG. THEY SET UP ON THE BC-3 LOCATION BUT COULD NOT DRILL BECAUSE THEY DID NOT BRING ANY TYVEK. THEY WENT BACK TO THEIR SHOP AND RETURNED @ 12:30 WHEN THEY BEGAN WORK. THE DECON + DRUM STORAGE PADS WERE CONSTRUCTED. THEY DRILLED BC-3 UNDER THE MTE OVERSIGHT OF MICHAEL DAVIES WHO COLLECTED A LAB SAMPLE FROM THE 19'-21' INTERVAL (THE HIGHEST PID READING).

THE SAMPLES COLLECTED FROM LAST WEEK, AND TODAY (6 SETS) WERE PACKAGED AND FED-EXED TO THE LABORATORY (AMERISEC BOSTON).

Contractor Forces & Equipment:

☒ Described ☐ Attached ☐ None ☐ Report not Required

Recommendations:

☐ Described ☐ Attached ☒ None

Number of Attachments: None Signed: [Signature]

Continued on Back? ☐ Yes ☒ No

Distribution: Project Manager ☒ N. ABRAMS

Others

File Original ☒

14

Location BROOKLYN NY Date 2/27/06Project / Client DDC - NYC
BUSHWICK CREEK MISC

		BUSHWICK CREEK MISC	
		WEATHER SWIMY CRD RAINY 18-20'	
		PERSONNEL 5 AS	
		M. DRIVES	
		5. L. DRIVES	
		B. VERBENT	
		N. ASBOMIS - MITE	
		J. BOMES - DDC	
		D. CRUZ - ADT	
		R. GREEN - ADT	
		R. SCHNECK - LONGTOWER	
		210 CRABOTE 2 PIDS - SPIN = 100'	
		CRABOTE 1 MITE - 100' x 100' x 3	
		4:30 ARRIVE INSIDE M. DRIVES AVE	
		ON SITE - BREAK ROOM. ABOUT PROJECT	
		WIMBURN GEMME DRIVES AVE	
		1:00 PM	
7:45		BEGUN TO MOVE FLUAT TO THE	
		PIS-3 LOCATION	

15

Location BROOKLYN NY Date 2/27/06Project / Client DDC - NYC
BUSHWICK CREEK MISC

9:00		FLUAT ON THE PIS-3 LOCATION	
		BEGUN TO DRILL	
9:30		ADT ON SITE WITH TRUCK PLS. THEY	
		HAVE NO TRUCK SO THEY WERE NOT	
		BE ALLOWED TO DRILL UNTIL THEY GET	
		SOME TRUCK SET UP ON BE-3	
		LOCATION WITH TRUCK PLS TWO	
		ADT TRUCK TO BE DELIVERED FROM	
		THE SITE.	
		WIMBURN GEMME DOWN 10' IN PIS-3	
11:00		ENCLOSURE MARI DISJECT @ 15' FROM MARI	
		POSSIBLE DISJECTION & PULSER AT GULL	
		NOT PULSED - MOVE BOREHOLE	
		OVER 5' AND DRILL OUT TO 15' (BROWN	
		MUDGUM & SIMES AGAIN	
11:15		CONTINUED DRILLING	
12:00		N. ASBOMIS ON SITE, 7 PMSO ON SITE	
12:30		ADT GETS TRUCK & COME START DRILLING	
		THEY START DRILL AREA & DRILL	

Location BROOKLYN NY Date 2/28/06
 Project / Client DDC NYC
BUSHWICK CREEK AREA

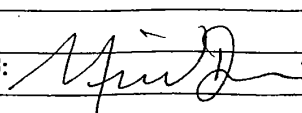
SEAPAGE AREA
 FAST DOWN TO 21 FT FROM
 LIND SURFACE
 WARREN GEORGE DOWN TO 30' BELOW
 MUD LINE W.G. BEGINS TO ROCK
 ON AND PRESSURE INCREASES
 FOR THE IMPROVED COLD MANT
 ALL OTHERS FOR TOWERS TO
 FED EX TO SHIP THE CONCRETE
 SAMPLES FROM THE WEIR TO
 ANALYSIS BOSTON - THE ENVIRONMENTAL
 LABORATORY

Location BROOKLYN NY Date 2/28/06
 Project / Client DDC NYC
BUSHWICK CREEK AREA

BUSHWICK CREEK MILE 7
 WEATHER COLD - WINDY APPROX 20'S - LOW 30'S
 PERSONNEL - F. ACS
 M. DAVIES
 S. LUDDEWIG
 B. VERPENT
 RANDY WATKINS - DDC
 B. CRUT
 J. HEDDER
 J. REMEO - DDC
 SURVEYORS
 5:00 CARBONATE SANDS SPIN = 100 gms
 1 MTE - 0.00 mg/l
 6:30 ARRIVE ON SITE
 7:30 ADT MAKE COMMANDER SURVEY
 8:30
 10:00 PUMP WORKING OVERSEA TO
 INSPECT DRILLING OPERATIONS
 HE SAID THAT ADT HAS
 THE CORNING TANK OF EAST CANS
 + NO FINE SANDS

METCALF & EDDY, INC.
1140 Route 22 East - Suite 101
Bridgewater, NJ 08807
Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job # 60004548.01	Date: 2/27/06
Project Name: BAYSIDE PETROLEUM	Time Arrived: 0635
Location: BUSHWICK CREEK INLET, BROOKLYN NY	Time Departed: 1515
Contractor on Site: ADT	Weather: 20s, windy CLEAR
Contractor Equipment on Site: DAVEY DRILL	COLD
M&E Subcontractor On-Site:	Temp: 20s.
M&E Subcontractor Equipment:	
Activities: Pre-activity safety tailgate meeting: Main points included; PPE, Tyvek, Hi-profile job and expecting visitors, staging areas. Discussed SOW with Eric Acs - ADT arrived without Tyvek: Had to wait for them to get these suits - Drilling activities commenced on BC-3. - Collected sample 19-21' -> sample to Eric Acs - Visitors to site: Nelson Abrams - M&E Robert Schneek - Longshore Env., Inc. Jim Romeo - DDC	
Contractor Forces & Equipment: <input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required	
Recommendations: <input type="checkbox"/> Described <input type="checkbox"/> Attached <input checked="" type="checkbox"/> None	
Number of Attachments: None	Signed: 
Continued on Back? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Distribution: Project Manager <input checked="" type="checkbox"/>	
Others	
File Original <input type="checkbox"/>	

2/27/06 ST BOC/BCI KENT AVE.

600048.01 2DS, WINDY, CLEAR, COLO.

6:35 ARRIVED ON SITE

6:45 MET w/ ERIC ACS.

REVIEWED SON

FIRST 5' OF SHORELINE BORINGS

CLEARED

7:15 MOT BARGE DRILLERS ARRIVE

- ERIC ACS & DRILLERS MOB

TO BARGE, COMMENCEMENT OF

8:10 ROBERT SCHWAB FROM

LONGISLAND ARRIVES ON SITE

TO DIS PROCEEDINGS

- I INFORM ACS.

- SITE WALK w/ SCHWAB

8:35 DRILLERS STILL NOT HERE - TOLD ACS

REVIEWED SON

9:35 DRILLERS STILL NOT HERE

9:37 DRILLERS ARRIVE

→

Black

1/2

1/2

1/2

1/2

1/2

1/2

1/2

1/2

1/2

1/2

1/2

1/2

1/2

1/2

1/2

1/2

1/2

1/2

1/2

1/2

1/2

PAGE

ADT
Drillers
{ BELNIE CRUZ
ROMAN GREEN

ADT - DID NOT BRING TYREK
SUITS. TOLD THEM TO GET
SOME DELIVERED OR GO GET
CONSULTED W/ ACS. ~~THEY~~
WON'T START DRILLING
UNTIL TYREK TURNS UP.

INSPECTED RIG - DAVEY DRILL
TRACK MOUNTED. RIG SET UP ON AC3

1020 ADT WENT TO GET TYREK
LEFT SITE.

1200 NELSON ABRAMS ARRIVED SITE IN SECTION
JIM BONES FROM DOC
DECON

1245 ADT DRILLERS RETURNED
NELSON INTERVIEWED NELSON TO
DO ALL BY NOO/C - TOLD DRILLERS
SAMPLING
PLASTIC

1300: STARTED DRILLING BC-3

1415: NELSON DEPARTED SITE

1430 JIM BONES - " -

1445: Collected sample BC-3

BC-3
19-2 1.1

- Submitted ~~3~~ sample to
ROBERT SCHNEK
- Submitted sample to ERIC ACS

FINISHED DRILLING
clean-up

1510: Done for day
TOLD DRILLERS TO SPRING

GARBARAGE BAGS
MORE SPIT SHOULDS
-- DECON BUCKETS & WARE
PLASTIC SITEWORK

1515: LEFT SITE

MD

METCALF & EDDY, INC.
1140 Route 22 East - Suite 101
Bridgewater, NJ 08807
Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job # <u>6000 4548 .01</u>	Date: <u>2/28/06</u>
Project Name: <u>BMSIDE PETROLEUM / BUSHWICK CREEK INLET</u>	Time Arrived: <u>6:30</u>
Location: <u>BROOKLYN NY - FERN? AVE</u>	Time Departed: <u>1500</u>
Contractor on Site: <u>WARREN GEORGE</u>	Weather: <u>M SUMM</u>
Contractor Equipment on Site: <u>DRILLING FLOAT W/CM2-55</u>	<u>WINDY</u>
M&E Subcontractor On-Site: <u>ADT</u>	Temp: <u>UPPER 20's LOWER 30's</u>
M&E Subcontractor Equipment: <u>TRACK MOUNTED DRILL RIG</u>	
Activities: <u>WARREN GEORGE CONTINUED TO DRILL BCS-3 FROM 30' FROM MUDLINE.</u>	
<u>THE BORING ENCOUNTERED A GRAY CLAY AT 38' TO 44' WHERE THE BORING WAS TERMINATED. THE CLAY IS THE STRATA MTH WAS LOOKING FOR TO TERMINATE AS PER THE WORK PLAN. A LABORATORY SAMPLE, BCS-3 36-38 WAS TAKEN JUST ABOVE THE CLAY. A FULL DUPLICATE SAMPLE WAS COLLECTED FOR LONGSHORE ENVIRONMENTAL. NO CONTAMINATION BELOW THE MUD WAS ENCOUNTERED PER PID READINGS. WARREN GEORGE DECONED THE DRILLING TOOLS AND BROUGHT THE BORING.</u>	
<u>WARREN GEORGE MOVED THE BARGE TO THE BCS-4 LOCATION AND BEGAN TO DRILL THE MUD TO SOIL INTERFACE IS 8' BELOW MUDLINE. THE 11611457 PID READING SAMPLE, BCS-4 6-8, WAS TAKEN FOR LABORATORY ANALYSIS. THIS SAMPLE WAS SPLIT WITH LONGSHORE ENVIRONMENTAL FOR VOC'S ONLY DUE TO LACK OF SAMPLE VOLUME. THE BOREHOLE ENCOUNTERED AN OBSTRUCTION AT 12' WHICH CAUSED THE CASING TO GO OFF PLUMB, SO THE BORING WAS RELOCATED WITHIN 5' FROM THE ORIGINAL BORING. THIS BORING WAS DRILLED TO 15' TODAY.</u>	
<u>RANDY WALKLEY (DDC SAFETY INSPECTOR) WAS ONSITE AND NOTED THE FOLLOWING: NO FIRE EXTINGUISHERS ON BOTH THE BARGE AND TRACK RIG.</u>	
Contractor Forces & Equipment: <u>OVER</u>	
<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required	
Recommendations:	
<input type="checkbox"/> Described <input type="checkbox"/> Attached <input checked="" type="checkbox"/> None	
Number of Attachments: <u>None</u>	
Signed: <u>[Signature]</u>	
Continued on Back? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Distribution: Project Manager <input checked="" type="checkbox"/> <u>NELSON MCDONN</u>	
Others	
File Original <input checked="" type="checkbox"/>	

Location BROOKLYN NY Date 2/22/06
 Project / Client DDC NYC
BUSHWICK CREEK AREA

STARTING AREA.
 1ST DOWN TO 21 FT FROM
 HAND SURFACE
 CHANNEL GEORGE DOWN TO 30' BELOW
 MUDLINE W.G. BEGINS TO ROCK
 ON AND PRESSURE INCREASES
 FOR THE IMPROVED COLD MANT
 5:00 PM ALL OFFERS SET TOWARDS TO
 FIDEX TO SHIP THE CONCRETE
 SAMPLES FROM THE WEIR TO
 ANALYSIS BOSTON - THE ENVIRONMENTAL
 LABORATORY

Location BROOKLYN NY Date 2/28/06
 Project / Client DDC NYC
BUSHWICK CREEK AREA

BUSHWICK CREEK WEIR
 WINDY COLD WINDY 20' - LOW 30'S
 PERSONNEL - E.A.S. MTK
 M DAVIES
 S LUDDEWIG
 B VERPANT
 RANDY WATKINS - DDC
 B. CRUT
 J. HECOR
 J. ROMEO - DDC
 SURVEYORS
 5:00 CANALIZING 240'S SPIN = 100 PSI
 1 MTK - 0.00-100 PSI
 6:30 ARRIVE ON SITE
 7:30 ADT ON SITE CONDUIT RUNNING
 BC-3
 12:00 PAVING WINDY ON SITE TO
 INSPECT DRILLING OPERATIONS
 HE SAID THAT ADT HAS
 THE WORKING 790'S OF 650'S
 + NO FAS

18

Location

Brooklyn, NY

Date

5/28/01

Project / Client

DDC NYC

BUSINESS CENTER PROJECT

AND HANSEN GEORGE HAT RU

FIRE EXTINGUISHER

11:00 ENCOUNTERED GUM CLAY @ 38' FROM

MUD LINE (60" FROM BRICKS DECK)

SAMPLE RUN JUST ABOVE CLAY

PCS-3 DE-38' @ 11:30

SAND SAMPLE TAKEN FOR LONGSHORE ENV.

11:30 UNPAVED GRAVEL BERMED DRILL SITE

4 CHAINS - GROUT BORING

- SURFACES SUBSIDING

12:00 DECAN COMPLETE - GRAVINE COMPLETE

SOILS + WATER CONTAMINATED IN DECAN

12:15 BEGIN TO MOVE THE PCS-4 LOCATION

12:45 ON PCS-4 LOCATION APPROXIMATE

30' FROM SHORELINE

12:30 BEGIN TO DRILL PCS-4

14:10 SAMPLE PCS-4 FROM 6'-8' (HIGHEST P.D. READING)

14:15 DRILLING MOVING OFF VERTICAL DUE

TO AN ENCOUNTERED MUD. BRICKS

12:15 AND CONTINUING DRILLING

19

Location

Brooklyn, NY

Date

5/28/01

Project / Client

DDC NYC

BUSINESS CENTER PROJECT

14:30 BEGIN TO DRILL PCS-4 AGAIN

STARTING AT 12'

SAMPLE PCS-4 1-8 WAS DUPLICATED

BAC 110 ONLY FOR LONGSHORE ENV.

(LIMITED SAMPLE COLLECTED)

15:00 ALL REDEMPTION OFF SITE

METCALF & EDDY, INC.
1140 Route 22 East - Suite 101
Bridgewater, NJ 08807
Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job # 60004548.01	Date: 2/28/06
Project Name: BAYSIDE PETROLEUM	Time Arrived: 0650
Location: BUSHWICK CREEK INLET, BROOKLYN NY	Time Departed: 1510
Contractor on Site:	Weather: CLEAR, WINDY, COLD
Contractor Equipment on Site:	Temp: 20s
M&E Subcontractor On-Site: ADT	
M&E Subcontractor Equipment: DAVEY DRILL RIG	
Activities: Pre-site activities tailgate meeting. Repeated points from previous days.	
Re-commenced drilling at DC-3.	
At ~50', significant heave due to running sands.	
- Following discussion w/ Nelson Abrams, will use water flush and drill straight to 60', 65', 70' and collect sample.	
- Tomorrow continue with roller plug and water flush.	
Visitors TO SITE:	
RANDY Lockey - DDC Site Safety. Comments incl.: fire extinguisher, proper fuel can, hearing protection.	
Jim Romeo - DDC PM	
Surveyors	
Contractor Forces & Equipment:	
<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required	
Recommendations:	
<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None	
Number of Attachments: None	
Continued on Back? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Distribution: Project Manager <input checked="" type="checkbox"/>	
Others	
File Original <input type="checkbox"/>	

2/28/06 SI BOC/BCI KENT AVE
60004848.01 BROOKLYN, NY

WEATHER: 20s, CLEAR, WINDY, COLD

6:50: ARRIVED ON SITE

ERIC AJS ARRIVED SAME TIME
BARGE DRILLERS ARRIVE

7:10: BARGE DRILLERS AJS MOLO

7:45: land drillers arrive
Gerry replaced Pawan Gera
- drill safety review, signed
PASS.

8:10: started drilling

8:50: Drillers needed to warm up stopped
drilling

9:05: Drillers came back.

10:50: RAPIDY DECKLEY

BOC SITE SAFETY

INSPECTED SITE

~~DRILL~~ COMMENTS FROM LOCKING

- HEARING PROTECTION

- NON-DATA COMPANANT GAS CAN

- FIRE EXTINGUISHER

12:00: JIM RAYES AND SUPERVISORS ARRIVE

DRILLERS LEFT FOR LUNCH

12:35: DRILLERS RETURNED - RECOMMENCED
DRILLING

14:10: A LOT OF HEADS DUE TO THE
PUNNING SANDS DIFFICULTY GETTING
THE SPON OUT

NEEDED TO REMOVE AUGER TO RETRIEVE SPON

DISCUSSED OPTIONS W/ NELSON
ABRAMS & DRILLERS

- CURRENTLY @ 53' USE WATER
FLUSH FOR LAST BIT OF T42
HOLE

- DRILL TO 60, 65 TO 70

FIND CLAY. TAKE SAMPLE

+ MAY OF 70' NO MORE CONTINUOUS

FOR REMAINING HOLES, USE
A ROLLER PLUG TO KEEP SANDS
OUT OF AUGERS
- PER N. ABRAMS INSTRUCTION
WILL RECOMMENCE TOMORROW.
WITH WATER FLUSH.

3/1/06
2/29/06 SI BPOC/RCI KENT AVE.
60004548.01 BPOC/RCI NY
205 WINDY, CLOUDY, COLD.
6:55 ARRIVED ON SITE.
SITE OK & LOCKED.

7:15 Barge dollers arrived → MOB TO BRGE

7:30 APT ARRIVES

1810 LEFT SITE

SET UP ON RC-3 → RECOMMENCE
Inject water into boring to clear
out running sands FROM AUGER

AUGERS AND RODS STILL STUCK
WITH ROLLER BIT AND WATER. SPENT
SIGNIFICANT TIME AND EFFORT TRYING
TO MOVE.

9:30 Started to remove augers and
rods to un-jam.

10:50 Started re-drilling RC-3
bottom auger and rod completely full
of sand → creating plug
roller bit also jammed

METCALF & EDDY, INC.
 1140 Route 22 East – Suite 101
 Bridgewater, NJ 08807
 Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

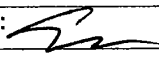
Job # <u>60004548.01</u>	Date: <u>3/1/06</u>
Project Name: <u>BAYSIDE PETROLEUM / BUSTINICK CREEK INLET</u>	Time Arrived: <u>6:30</u>
Location: <u>BROOKLYN NY - KENT AVE</u>	Time Departed: <u>15:00</u>
Contractor on Site: <u>WARREN GEORGE</u>	Weather: <u>COLD UPPER 20's</u>
Contractor Equipment on Site: <u>DRILLING FLRGT W/OME-55</u>	<u>TO LOWER 30's</u>
M&E Subcontractor On-Site: <u>ADT</u>	Temp:
M&E Subcontractor Equipment: <u>TRUCK MOUNTED DRILL RIG</u>	

Activities: WARREN GEORGE CONTINUES BORING BC5-4 FROM 12' DEPTH
IT WAS RESUMED YESTERDAY ~5' (BECAUSE OF AN OBSTRUCTION). THE DRILLERS
ENCOUNTERED BOULDERS AT 24' AND 30.2' FROM MUDLINE WHICH TOOK
SIGNIFICANT TIME TO ROLLERBIT THROUGH. IT IS BELIEVED THAT THE ROLLER
BIT THEY ARE USING IS WORN. THE BORING WAS STOPPED FOR THE DAY
AT 34' FROM MUDLINE. THE MUD WAS CLEANED FROM SOIL CUTTINGS
WHICH WAS PLACED INTO A DRUM. THE DECON WATER WAS ALSO PLACED INTO
A DRUM.

ADT CONTINUES DRILLING ON BC-3 BORING STILL MINING SANDS NEAR
INTO THE AVE. THEY DRILL DOWN TO 60' WITHOUT SAMPLING AND
SAMPLE 60'-62' (BC-360-62) THE SAMPLER WAS NOT SPLIT WITH LONGSHANK
ENVIRONMENTAL BECAUSE OF LACK OF SPACE. ADT DECONNO THE
SOIL CUTTINGS AND BACKFILLED THE BORING. THE LAND TRUCK RIG WAS
OVERSEEN BY MICHAEL JONES OF M&E

Contractor Forces & Equipment:
☒ Described ☐ Attached ☐ None ☐ Report not Required

Recommendations:
☐ Described ☐ Attached ☒ None

Number of Attachments: None Signed: 

Continued on Back? ☐ Yes ☒ No

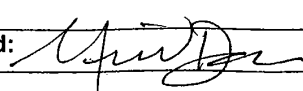
Distribution: Project Manager ☒ NELSON ABRAHAM

Others

File Original ☒

METCALF & EDDY, INC.
1140 Route 22 East - Suite 101
Bridgewater, NJ 08807
Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job # 60004548.01	Date: 3/1/06
Project Name: BAYSIDE PETROLEUM	Time Arrived: 0655
Location: BUSHWICK CREEK INLET, BROOKLYN, NY	Time Departed: 1510
Contractor on Site:	Weather: WINDY, COLD,
Contractor Equipment on Site:	CLEAR
M&E Subcontractor On-Site: ADT	Temp: 20s
M&E Subcontractor Equipment: DAVEY DRILL RIG	
Activities: Safety tailgate meeting. Re-iterated points from previous day. Cold is an issue. Drillers to take breaks if they think it's necessary.	
Due to heave, had to remove augers and re-drill to depth. Per Nelson Abrams' instruction, we are to go to 60' and take sample. As for other drilling options, absolutely nothing to be introduced except water (ie no bentonite slurry). Drillers are to come w/ series of options to mitigate heave.	
Collected sample from bottom of hole (60-62')	
→ sample to Eric ACS	
No visitors to site today	
Contractor Forces & Equipment:	
<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required	
Recommendations:	
<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None	
Number of Attachments: None	Signed: 
Continued on Back? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Distribution: Project Manager <input checked="" type="checkbox"/>	
Others	
File Original <input type="checkbox"/>	

FOR REMAINING HOLES, USE
A ROLLER PUG TO KEEP SANDS
OUT OF AUGERS
- PER N. ABRAMS INSTRUCTION
WILL RECOMMENCE TOMORROW
WITH WATER FLUSH

1445 BROKE DOWN / LOCKED SITE

1510 LEFT SITE

2/28/06

3/1/06

2/29/06 SE BPC/RC-I KENT AVE.

6004548.01 BROOKLYN NY

205 WINDY, CLOUDY, COLD

655 ARRIVED ON SITE

SITE OK & LOCKED

7:15 Barge drillers arrived → MOB TO BARGE

7:30 ANT ARRIVES

SET UP ON BC-3 → RECOMMENCE
Inject water into boring to clear
out running sands from AUGER

AUGERS and rods still sticking
with roller bit and water. Spent
significant time and effort trying
to move.

9:30 Stopped to remove augers and
rods to un-jam

10:50 Started re-drilling BC-3
bottom auger and rod completely full
of sand → creating plug
roller bit also jammed

1200: Grot to 60'

Spoon fed and auger jammed again.

> Called Nelson to discuss options. He said abs. nothing to be introduced except water (ie no slurry (benzotite))

1200 Drillas left site for lunch

1255 Drillas back

Extracted auger/spoon rods in Per Nelson's instruction, took sample from 60-62' even though still in sand.

- Drillas to come w/ series of stops tomorrow to mitigate heave.

1400: Collected sample

BC-3

60-62' (sand)

1440 - Site Cleanup

Gave samples to ACS

1500

1510

3/2/06 SI BROC/BCI KENT AVE, GAITHERSBURG
60524548.01

Low 30s Overcast.

655 ARRIVED ON SITE.

705 ADT ARRIVED
BEFORE GROT
ROMAN GREEN

- MOVED EQUIP TO BC-4 (IN FRONT OF ENTRANCE)

- ONLY UTILITY TESTED LAST WEEK TO 4' CONCRETE AT 4'

8:00 Will go sampling for 4-6' DETERMINE BC-4

830 "JANIS" FROM ARCHAEOLOGICAL MUSEUM

CAME OVER LOOKING FOR CITY REP WHO WAS TO BE THERE @ 8 AM. GAVE HER JIM ROMAN'S # TOOK HER # 307-268-0345.

- DRILLING: BASKET IN LAST AUGER TO SEE SAND INFILTRATION INP AUGER

METCALF & EDDY, INC.
1140 Route 22 East - Suite 101
Bridgewater, NJ 08807
Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job # <u>6000 4548.01</u>	Date: <u>3/2/06</u>
Project Name: <u>BAYSIDE PETROLEUM / BROOKLYN CREEK INLET</u>	Time Arrived: <u>6:30</u>
Location: <u>BROOKLYN NY - KENT AVE</u>	Time Departed: <u>1:30</u>
Contractor on Site: <u>WARREN GEORGE</u>	Weather: <u>COLD RAIN</u>
Contractor Equipment on Site: <u>DRILLING FLAT W/CM 55</u>	<u>SNOW SLEET</u>
M&E Subcontractor On-Site: <u>ADT</u>	Temp: <u>30°</u>
M&E Subcontractor Equipment: <u>TRUCK MOUNTED DRILL RIG</u>	
Activities: <u>WARREN GEORGE CONTINUES TO DRILL BC-4 FROM 34' (FROM MUDLINE) THEY COMPLETE THE BORING TO 50' (FROM MUDLINE) (70' FROM BRIDGE DECK) WHERE THE RED CLAY WAS ENCOUNTERED AT 46'.</u> <u>SAMPLE BC-4 38-40 WAS COLLECTED FOR LABORATORY ANALYSIS. THE THREE SPLIT SPONS AFTER 40' WERE VERY DENSE TILL, WITH LITTLE RECOVERY VOLUME (N VALUES - 50-100) A DUPLICATE/SPLIT SAMPLE WAS COLLECTED FOR LONGSHORE ENVIRONMENTAL (MOTIVIS ENVIRONMENTAL CONSULTING) WARREN GEORGE GROUDED THE BORING AND DECONED THE DRILLING TOOLS. SOIL CUTTINGS AND DECON WATER WERE DRUMMED.</u> <u>ADT DRILLED BC-4 DOWN TO ~ 50', THEY ARE USING A BENTONITE PLUG TO CHECK THE SAND HENE (IN THE AUGERS) M. DAVIS (MIS) COLLECTED A SAMPLE AT 19'-21' (BC-4 19-21). THIS SAMPLE HAD NO PID REMAINS OR ODOM. A DUPLICATE WAS COLLECTED IN THE 400-JAR ONLY FOR LONGSHORE ENVIRONMENTAL. THE USE OF BENTONITE IN THE AUGERS WAS APPROVED BY THE ODC, J. RIMEO (ODC) MEETS WITH J. WEINMAN (GREENBORO MOUNTAIN MUSEUM) ABOUT BORINGS B-7, B-8 AND B-9. HE STATES THAT THE MUSEUM DOES NOT OWN THAT PROPERTY AND THAT BORINGS WILL BE PLACED THERE.</u>	
Contractor Forces & Equipment:	
<input type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required	
Recommendations:	
<input type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None	
Number of Attachments: None	Signed:
Continued on Back? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Distribution: Project Manager <input type="checkbox"/>	
Others	
File Original <input type="checkbox"/>	

22 Location BROOKLYN NY Date 3/2/06
 Project / Client DDC NYC
BUSHNICK CREEK INLET

WEATHER COLD, WINDS COME, LOWER 30's
 SNOW PREDICTED FOR MID MORNING
 THRU THE DAY

PERSONNEL E. ACS - MATE
 S. LUDDELL - WILSON GEORGE
 B. VIGANT
 B. ROZE - ADT
 R. GREEN - ADT
 J. PETERS - DDC
 J. WENIMAN - GREENHART
 MUSEUM

5:00 CALIBRATE 2 PIDS - STATION = 100 PPS
 CALIBRATION TIME = 0.00 mg/l

6:30 ARRIVE ON SITE
 7:10 ADT ARRIVES
 7:15 WILSON GEORGE ARRIVES
 BRINGS NEW PULVERIZER, FIRE
 EXTINGUISHER
 7:30 W.G. CONTINUES TO DOING BGS
 FROM 34'

Location BROOKLYN NY Date 3/2/06
 Project / Client DDC NYC
BUSHNICK CREEK INLET

8:00 SPARK BEGINS
 ADT DRILLING THROUGH CONCRETE
 FOUNDATION - MAKE THROUGH AND SAMPLE
 CONTINUOUSLY

9:10 WILSON GEORGE DOWN 38'
 STILL TILL MATERIAL - CONTINUE
 OF STON ON FLOAT DECK FOLLOWING
 BY SIGHT

10:15 WILSON GEORGE DOWN TO 44'
 SPILL SILTY FINE SAND
 + SLEET COMING DOWN

11:30 WILSON GEORGE DOWN TO 50'
 RED CLAY ENCOUNTERED AT 46'
 FROM MUDLINE

11:45 BEGIN TO PULL ON DRILLING
 RODS

11:40 SAMPLE BGS 38-40, COLLECT
 A SPLIT SAMPLE FOR
 LONG SHORE ENVIRONMENT

10:00 WILSON GEORGE EXCEEDS THE BORING

Location BROOKLYN NY Date 3/2/06
 Project / Client DDC NYC
BROOKLYN GREEN PROJECT

AND DECOVERED THE SPILLING TOOLS
 - DURING THE MORNING, J. ROMEAS MEETS
 WITH J. WILKINSON OF THE GREENWICH
 MUSEUM MUSEUM. THEY DISCUSS
 B-7, B-8 AND B-9. HE EXPLAINS
 THAT THESE BUILDINGS ARE NOT ON
 THEIR PROPERTY, J. ROMEAS HAS NOT
 COME ON AND CLEAR B-7 LOCATION.
 B-8 LOCATION WAS MOVED TO A MORE
 ACCESSIBLE LOCATION IN FRONT OF AN
 IMPASSIBLE FENCE (THE FENCE IS
 OWNED BY MOTILIA AND THEY DO NOT
 WANT IT DISMANTLED) B-8 WAS
 CLEARED IN ITS NEW LOCATION -
 B-9 WILL BE ASSUMED AS IT
 IS UNACCESSIBLE - THE MUSEUM
 PEOPLE WOULD LIKE TO SPLIT SAMPLES
 THAW EVEN THOUGH THE BUREAU HAS
 NOT IN THEIR PROPERTY AND DDC
 AGREES TO THIS

Location BROOKLYN NY Date 3/2/06
 Project / Client DDC NYC
BROOKLYN GREEN PROJECT

ADT DELISTS TO ~ 50' IN BC-4
 THEY ARE USING BENTONITE PLUG IN THE
 ALLEGES TO KEEP THE SPILLING SAMPLES DOWN
 (DDC AGREED TO THIS METHOD)
 IN DRIVES SAMPLED AT 21' BUT
 GOT NO ODOOR IN THE SAMPLE
 HE PROVIDED A SPLIT FOR LONGSHORE
 ENVIRONMENTAL WITH ONLY ONE LITTLE
 4% BUTYR
 13:30 THE OFFICE DUE TO THE
 WEATHER

METCALF & EDDY, INC.
1140 Route 22 East - Suite 101
Bridgewater, NJ 08807
Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job # 60004548.01	Date: 3/2/06
Project Name: BAYSIDE PETROLEUM	Time Arrived: 0655
Location: BUSHWICK CREEK WET, BROOKLYN, NY	Time Departed: 1330
Contractor on Site:	Weather: 20s, OVERCAST
Contractor Equipment on Site:	SNOW/RAIN, COLD
M&E Subcontractor On-Site: ADT DRILLERS	Temp: 20s
M&E Subcontractor Equipment: DAVIDY DRILL RIG	
Activities: Pre-activity tailgate meeting.	
SET UP ON BC-4.	
utility - tested to 4' AT THIS LOCATION. THEREFORE MUST GO SLOWLY 4-6'.	
PER AGREEMENT W/- NELSON ABRAMS AND JIM POMEROY, DK TO USE BENTONITE TO MITIGATE HEAVE. MUST WATCH TO SEE HOW THIS AFFECTS SAMPLES.	
1300: DRILLERS HAD TO LEAVE B/C OSHA TRAINING.	
ALL DRILLING FINISHES (BARGE AND LAND) B/C OF WEATHER	
COLLECTED SAMPLE: BC-4 19-21' -> GAVE TO ERIC ACS	
VISITORS:	
JANIS ? FROM MUSEUM TO MEET JIM POMEROY - 347-268-0345	
JIM POMEROY: DDC	
SUPERVISORS	
Contractor Forces & Equipment:	
<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required	
Recommendations:	
<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None	
Number of Attachments: None	
Continued on Back? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Distribution: Project Manager <input checked="" type="checkbox"/>	
Others	
File Original <input type="checkbox"/>	

Signed: 

1200: Got to 60'
Spoon feed and auger jammed
again.
> Called Nelson to discuss options
He said abs. nothing to be
introduced except water
(ie no slurry from tonite)

1220 Drillas left site for lunch

1255 Drillas back

Extracted auger/spoon feed, in
Per Nelson's instruction, took
sample from 60-62' even though
still in sand.

- Drillas to come w/ series of at least
tomorrow to investigate heave.

1410: Collected sample

BC-3

60-62'

(sand)

1440 - Site Cleanup

1500 Gave samples to Acs

1510

Left site / *[Signature]* 2/28/66

3/2/66 SI BFGC/BCI KENT AVE, BRISTOL, NH
60504548.01

Low 30s, Overcast,

GISS Arrived on site.

705 ADT Arrived
Bernie Crut
Roman Green

- Moved equip to BC-4 (in front
of entrance)

- Only utility tested last week to 4'
concrete at 4'

8:00 Will go scanning for 4-6' drilling BC4

830 "Janis" from adjacent museum

Came over looking for city rep
who was to be there @ 8 AM.
Gave her Jim Romeo's #
took her #: 347-268-0345.

- Drilling basket in 1000 auger to
see sand infiltration in auger

3/2/06 BFC/BCT

900 STARTED SNOWING

1010: COLLECT SAMPLES

|| BC-4 ||
|| 19-21' ||

1030: SIM POMOD ARRIVED
TELS ME THAT HE AND
NELSON ARE ARRIVING AND
OK TO USE BENTONITE
IN BORING TO MITIGATE
HEAVE.

→ NOW N REPORT ON WHETHER
THIS AFFECTS SAMPLES

1300: ADT NEED TO LEAVE DUE TO

OSHA TRAINING

- START SITE CLEAN-UP
- CORRECTLY AT 70', ADT TO
BRING BENTONITE FOR
PLUG BOTTOM

- ON BC-4

1330: LEFT SITE

[Signature] 3/02/06

3/3/06 SI BFC/BCT 60004548-17
KENT AVE / BROOKLYN NY

6:45 ARRIVED ON SITE

Very windy, clear, Very cold. (Antennae)

7:20 ADT ARRIVED

- POT BENTONITE IN BC-4 TO
MITIGATE HEAVE.

EXTREMELY COLD - PROGRESS VERY
SLOW B/C EVERETT HAS PROBLEMS
AND THE NEED TO REQUEST
EQUIPMENT.

AT 55' PAW INTO HEAVE AGAIN.

ROOS AND AUGER GETTING

- AT 62', MADE DECISION TO

END CONTINUOUS B/C GETTING

HEAVE EVERY 5-10' SPOON

- WENT 65' 4" AUGER

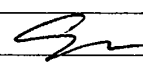
- 65-67 SPOON

- 67-69 SPOON

- CLAY AT ~68'

METCALF & EDDY, INC.
1140 Route 22 East - Suite 101
Bridgewater, NJ 08807
Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job #	60004548.01	Date:	3/3/06
Project Name:	BMSIDE PETROLEUM / RUSSWICK CREEK IMET	Time Arrived:	6:30
Location:	BROOKLYN NY - KENT AVE	Time Departed:	15:00
Contractor on Site:	WARREN GEORGE	Weather:	M SKYNY COLL
Contractor Equipment on Site:	DRILLING FLOAT W CME -55		V WINDY
M&E Subcontractor On-Site:	ADT	Temp:	LWN 20'S UPPER 30'S
M&E Subcontractor Equipment:	TRUCK MOWER PRCL RIC		
Activities:	WARREN GEORGE REMOVES THE 1/2" THICK SHEET OF ICE FROM LAST NIGHT'S STORM FROM THE FLOAT DECK TO MAKE WORKING SAFE. THE FLOAT IS MOVED TO THE BCS-5 LOCATION. THIS BURNING IS DRILLED TO 20' (FROM MUDLINE) BEFORE QUITTING FOR THE DAY. THE MUD/SOIL INTERFACE IS AT 10'. THERE WERE NO PID READINGS FOR THE ENTIRE BURNING (INCLUDING THE MUD). A SAMPLE FROM THE MUD AT 8'-10' WAS TAKEN FOR LABORATORY ANALYSIS. THIS SAMPLE HAD NO PID READINGS BUT THE MUD IN OTHER BORINGS HAD PID READINGS, SO THE MOST PROBABLE DEPTH FOR CONTAMINATION WOULD BE ABOVE THE INTERFACE. THE SAMPLE WAS SPLIT WITH LONGSHORE ENVIRONMENTAL FOR VO'S ONLY. ADT DRILLED FROM 50' TO 69'. THEY ARE USING A BANDSAW SKIDDER TO KEEP A CHECK ON THE HEAVING SANDS. THIS DID NOT WORK AND SANDS STILL HEAVED INTO THE AUGER. A SAMPLE BC-4 67-69 WAS TAKEN FOR LABORATORY ANALYSIS. THE SAMPLE WAS SPLIT WITH LONGSHORE ENVIRONMENTAL. ADT STILL NEEDS TO REMOVE THE AUGERS FROM THE BORING. BRISH MUSTAFA (MTE) WAS ON SITE TO REVIEW THE PROGRESS OF THE LAND BORINGS AS HE WILL BE OVERSEEING THEM ON MONDAY.		
Contractor Forces & Equipment:	OVER		
<input checked="" type="checkbox"/> Described	<input type="checkbox"/> Attached	<input type="checkbox"/> None	<input type="checkbox"/> Report not Required
Recommendations:			
<input type="checkbox"/> Described	<input type="checkbox"/> Attached	<input checked="" type="checkbox"/> None	
Number of Attachments:	None	Signed:	
Continued on Back?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Distribution: Project Manager	<input checked="" type="checkbox"/>	NELSON ABROMI	
Others			
File Original	<input checked="" type="checkbox"/>		

Location Brooklyn NY Date 3/3/06Project / Client EDC NYC
BUSBUCK CREEK INLETBUSBUCK CREEK INLETWEATHER CALD WINDY
SUNNY LOW 30'S UPPER 20'SPERSONNEL E. A. C. > MTS
M. DAVIS5' WOODDECK > CONCRETE SEWER
B. VERPENTB. G. R. > ADT
D. D. R. > R. GREEN
5' MUST MOUNT MTH5:00 CARIBBEAN 2 P.M. 5. 5000 = 10000
ONS. P.M. 10003 REPORTED 1000
NIGHT AT WATER 500 1000
IT MAKING IT UNDETERMINABLE.
P.M. 10000 RATE - 0.00 MY 1/137:15 WATER ON 10000 10000
7:30 ADT 100008:00 FLUAT DUCK IS A STAYED AT
KE, UNDER 10000
OTHERS 10000 10000 10000Location Brooklyn NY Date 3/3/06Project / Client DOE NYC
BUSBUCK CREEK INLET9:30 MOVE FLUAT TO BCS-5
LOCATION10:00 BEGIN DECKING BCS-510:45 DOWN 12' MUD TO SEW
IN TRENCH IS AT 10' NO CONCENTRATION
NOTED IN MUD, NO PID READINGS
WERE OBTAINED IN THE MUD11:15 SAMPLE BCS-5 8'-10' TRENCH
SAMPLE HAD NO PID READINGS, HOWEVER
NO SAMPLES FURTHER DOWN INTO THE
TRENCH HAD NO READINGS (BORING APPARENTLY
CAUSE TO DEPTH) THEREFORE THE
LOOSE MATERIAL ABOUT THE TRENCH
(THE MUD) WAS SWIRLED AS THIS
IS WHERE CONCENTRATION WOULD BE
IF ANY. IT ALSO REFLECTS THE
OTHER BURIED SAMPLES TAKEN IN
THE MUD. SAMPLES SPLIT WITH
LONGSHANKS ENVIRONMENTAL

Location BROOKLYN NY Date 3/3/01Project / Client DDC - NYCBAYVIEW CREEK MEET

12:15 DOWN 18' IN PCS-5

NO PD READINGS OBTAINED

SOIL IS A GRAY TILL

12:30 STILL NO MUSTARD ONSTX

13:22 DOWN TO 28' NO PD READINGS

OBTAINED SOIL IS GRAY TILL

WITH HIGH BLIND CAVITIES

14:00 BORE DOWN 70' - CLEAN

MUD TUB FOR THE WEEKEND

DE EA BENTONITE WATER FLUM

PRACTITIONER DOWN TO 25' - CLEAN

+ CLEAN

HDT DRILLED TO 69' TODAY. THEY

SINCE HAD PROBLEMS WITH SAND HEADS

EVEN WITH THE BENTONITE PLUG.

SAMPLE BC-4 67-69 WAS TAKEN

AND SPLIT WITH LONGSTOCK EQUIPMENT

DAVID KAHN PICKED UP THE SAMPLE

COLLECTED FOR LONGSTOCK

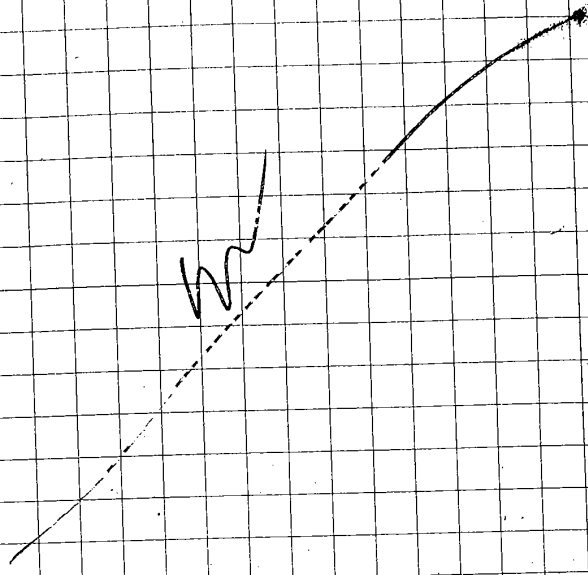
Location BROOKLYN NY Date 3/3/01Project / Client DDC - NYCBAYVIEW CREEK MEET

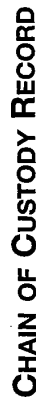
15:00 HDT PERSONAL OFFSITE

EPA TRAPALS TO FED EX TO

SHIP SAMPLER COLLECTED THIS WEEK

- TO THE LAB





CHAIN OF CUSTODY RECORD

AMERISCI BOSTON

8 School Street ~ Weymouth, MA 02189
888.724.5221 Toll Free
781.337.9334 Phone ~ 781.337.7642 Fax

www.amerisci.com

COMPANY: MGTACF & EDDY INC.

ADDRESS: 1140 ROUTE 22 EAST BRIDGEWATER NJ 08807

PHONE:	5220 446 806	FAX 1:	908 707-8874	FAX 2:	
--------	--------------	--------	--------------	--------	--

EMAIL:

CLIENT
CONTACT: KEVIN ABRAHAM

EMAIL: NELSON.A@amsd M-E.COM

PROJECT NAME:	PROJECT NUMBER:	PROJECT STATE:	PROJECT
DAVIDS PETROLEUM/PAKSHUCK MLES	60004548.01	NY	NY

<p>MATRIX: A-WATER S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS</p> <p>WMI-WIDES C-CASSETTES W-WASTE O-OTHER</p>	<p>CONTAINER: P-PLASTIC G-GLASS V-VOA</p>
--	--

SAMPLED BY: (PRINT)		DATE:	RECEIVED BY: (PRINT)		DATE:
(SIGN)		TIME:	(SIGN)		TIME:
RELINQUISHED BY: (PRINT)		DATE:	RECEIVED BY: (PRINT)		DATE:
(SIGN)		TIME:	(SIGN)		TIME:
RELINQUISHED BY: (PRINT)		DATE:	RECEIVED FOR LABORATORY BY: (PRINT)		DATE:
(SIGN)		TIME:	(SIGN)		TIME:

FedEx® USA Airbill
Express

FedEx
Account
Number

8455 4997 2234

1 From Please type and print

Date 3/3/06

Sender's FedEx
Account Number

0282204000000

Sender's
Name

ERIC ACS

Phone (908) 707-8874

Company

METCALF & EDDY INC

Address

1140 US HIGHWAY 22 # 101

City

BRIDGEWATER

State

NJ

ZIP

08807-2912

2 Your Internal Billing Reference

First 24 characters will appear on invoice.

OPTIONAL

3 To

Recipient's
Name

SAMPLE MANAGEMENT

Phone

(781) 337-9334

Company

AMERI SCI BOSTON

Address

8 SCHOOL STREET

To "HOLD" at FedEx location, print FedEx address.

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address

City

WEYMOUTH

State

MA

ZIP

02189

Try online shipping at fedex.com

By using this Airbill you agree to the terms and conditions on the back of this Airbill.

Questions? Visit our Web site at fedex.com

or call 1.800.Go.FedEx® 800.463.3339.

0270544231

Sender's Copy

4a Express Package Service

☒ FedEx Priority Overnight ☐ FedEx Standard Overnight ☐ FedEx First Overnight

☐ Next business morning ☐ Next business afternoon ☐ Next business day

☐ FedEx 2Day ☐ FedEx Express Saver ☐ FedEx 2Day Freight

☐ Second business day ☐ Third business day ☐ Third business day

4b Express Freight Service

☐ FedEx 1Day Freight* ☐ FedEx 2Day Freight ☐ FedEx 3Day Freight

☐ Next business day ☐ Second business day ☐ Third business day

5 Packaging

☐ FedEx Envelope* ☐ FedEx Pak* ☒ Other

☐ Large Pak and FedEx Shrink Pak

6 Special Handling

☒ SATURDAY Delivery ☐ HOLD Weekday ☐ HOLD Saturday

☐ Available ONLY for FedEx 1Day, 2Day, and FedEx 3Day ☐ Available ONLY for FedEx 1Day, 2Day, and FedEx 3Day

☐ Do not use this equipment to ship hazardous materials ☐ Do not use this equipment to ship hazardous materials

7 Payment Bill to: ☒ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check

☐ Sender ☐ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check

FedEx Account No. 227853018

Total Packages 1

Total Weight 35

Total Declared Value* \$ 100.00

8 Release Signature

By signing this Airbill you agree to the terms and conditions on the back of this Airbill.

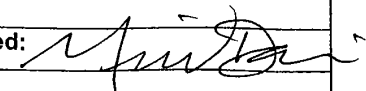
Questions? Visit our Web site at fedex.com

or call 1.800.Go.FedEx® 800.463.3339.

447

METCALF & EDDY, INC.
1140 Route 22 East - Suite 101
Bridgewater, NJ 08807
Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job #	60004548.01	Date:	3/13/06
Project Name:	BAYSIDE PETROLEUM	Time Arrived:	0645
Location:	BUSHWICK CREEK INLET, BROOKLYN, NY	Time Departed:	1510
Contractor on Site:		Weather:	VERY WINDY
Contractor Equipment on Site:		COLD, CLEAR	
M&E Subcontractor On-Site:	ADT DRILLERS	Temp:	10s
M&E Subcontractor Equipment:	DAVEY DRILL RIG		
Activities:	TAILGATE MEETING		
Re-commenced drilling on BC-4			
Put bentonite in hole to mitigate heave.			
Extremely cold, made progress very slow.			
At 55' HIT HEAVE AGAIN. → POOS AND AUGER SEIZED. PROBLEM WAS TIME TO GET CONTINUOUS SAMPLES ALLOWED SANDS TO ENTER AUGER			
- AT 62' MADE DECISION TO GO EVERY 5' (65', 70')			
AND TAKE SAMPLE.			
- 65-67' SAMPLE HAD HIGHER CLAY, THEREFORE TOOK ANOTHER			
SPLIT SPOON AT 67-69' AND HIT CLAY.			
- COLLECTED SAMPLE BC-4 67-69' → GAVE TO ERIC ACS			
Visitors:			
DAVID KAHN FROM LONGSHORE ENV. TO COLLECT SAMPLES			
SIRISH MUSTHYALA: M&E.			
Contractor Forces & Equipment:			
<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required			
Recommendations:			
<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None			
Number of Attachments: None			
Continued on Back? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Signed: 			
Distribution: Project Manager <input checked="" type="checkbox"/>			
Others			
File Original <input type="checkbox"/>			

~~3/2/06~~

3/2/06 BFC/BCT

900 STARTED SNOWING

1010: COLLECT SAMPLES

|| BC-4 ||
|| 19-21' ||


1030: SIM POMPO ARRIVED

TEWS MET TMT HUE AND
NEWMAN ARRIVES ARRIVED AND
OK TO USE BENTONITE
IN BORING TO MITIGATE
HEAVING.

→ NEED TO REPORT ON WHETHER
THIS AFFECTS SAMPLES

1300: AOT NEED TO LEAVE DUE TO

OSHA TRAINING
- START SITE CLEAN-UP
- DEPARTURE AT 70' AOT TO
BRING BENTONITE FOR
PLUG BOTTOM
- ON BC-4

1330: LEFT SITE  3/02/06

3/3/06 SI BFC/BCT 600048482.0
KENT AVE/BROOKLYN NY

6:45 ARRIVED ON SITE

VERY WINDY CLOUD, VERY COLD (NINETEEN)

7:20 AOT ARRIVED

- POT BENTONITE IN BC-4 TO
MITIGATE HEAVE.

EXTREMELY COLD - PROGRESSES VERY
SLOW B/C SUGGESTING AREAS
AND THE NEED TO DEFROST
EQUIPMENT.

AT 55' PAW NOT HEAVE AGAIN.

RODS AND AUGER SETTER!
- AT 62' MADE DECISION TO
END CONTINUOUS B/C GETTING
HEAVE EVERY SPILT SPOON
- WENT 65' 4" AUGERS
- 65-68 SPILT SPOON
- 68-69 SPILT SPOON
- CLAY AT ~68'

1420 COLLECTED SAMPLE:

BC-4

DB 67-69

FROM CLAY / TILL INTERSECT

COMMENCED SITE CLEAN-UP.

1330: DAVE KAHN FROM LONGSHORE
ENV. TO COLLECT SAMPLES

1400: SIRISH MUSTAYALA ARRIVED ON
SITE TO BE BRIEFED ON PROGRESS
IN READINESS FOR HIS TAKING
OVER ON MONDAY (3/6)

1445: GAVE SAMPLES TO ERIC ACS &
D KAHN FROM LONGSHORE
- STARTED SITE BREAKDOWN

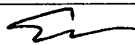
1510: LEFT SITE

3/5/06

[Signature]

METCALF & EDDY, INC.
1140 Route 22 East - Suite 101
Bridgewater, NJ 08807
Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job #	6000 4548.01	Date:	3/6/06
Project Name:	BAYSIDE PETROLEUM / BOBROWICK CREEK INLET	Time Arrived:	6:30
Location:	BROOKLYN NY - KENT AVE	Time Departed:	15:00
Contractor on Site:	WARRAN GEORGE	Weather:	SUNNY / MILD
Contractor Equipment on Site:	DRILLING FLUIT W CMH-55		UPPER 30'S - MIN 40'S
M&E Subcontractor On-Site:	ADT	Temp:	
M&E Subcontractor Equipment:	TRACK MOUNTED DRILL RIG		
Activities:			
WARRAN GEORGE CONTINUES TO DRILL BCS-5 BORING FROM 28' (FROM MUDLINE). THE BORING IS ADVANCED TO 50'. THE RED CLAY WAS ENCOUNTERED AT 47.5' (FROM MUDLINE). SAMPLE BCS-540-42 WAS TAKEN FOR LABORATORY ANALYSIS. A DUPLICATE SAMPLE FOR ALL PARAMETERS WAS TAKEN FOR LONGSHORE ENVIRONMENTAL.			
WARRAN GEORGE GRABBED THE BORING AND DECONTAMINATED THE DRILLING TOOLS. THE SOIL CUTTINGS + DECON WATER WERE DUMPED. THE FLUIT WAS THEN MOVED TO THE BCS-6 LOCATION AND THIS BOREHOLE WAS DRILLED.			
WARRAN GEORGE ADVANCED BCS-6 TO 20' (FROM MUDLINE). ONLY ONE SAMPLE FROM 10-12 EXHIBITED AP READINGS. THIS IS THE MUD SAMPLE ABOVE NATIVE SOIL. THIS SAMPLE WAS TAKEN FOR LABORATORY ANALYSIS (BCS-6 10-12) AND SPLIT FOR VO'S ONLY WITH LONGSHORE ENVIRONMENTAL. THE SAMPLE HAD A FUEL OIL ODOR TO IT.			
ADT MOVED TO THE BCS-5 LOCATION AND DRILLED TO 45'. ONE SAMPLE FROM 17-19' WAS TAKEN (BCS-5 17-19) AND SPLIT ENTIRELY WITH LONGSHORE ENVIRONMENTAL. ADT IS DOWN 45' IN THIS BORING. BEFORE QUITTING FOR THE DAY.			
Contractor Forces & Equipment:			
<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required			
Recommendations:			
<input type="checkbox"/> Described <input type="checkbox"/> Attached <input checked="" type="checkbox"/> None			
Number of Attachments: None		Signed: 	
Continued on Back? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Distribution: Project Manager <input checked="" type="checkbox"/> NELSON ABDOUS			
Others			
File Original <input checked="" type="checkbox"/>			

Location BROOKLYN NY Date 3/6/06Project / Client DAC-NYCBUSINESS CASE NO. 57BUSINESS CASE NO. 57WEATHER: SUNNY, COLD, MID 30's - UPPER 40's
LIGHT WINDPERSONNEL: J. A. S. NOTE

S. MURPHY

J. WOODRICK

B. VICKHART

B. CRUZ

R. K. S. ADTJ. K. R. ADT5:00 CONCLUDE 2 P.D. ADTCONCLUDE ME ADT7:15 ADT7:30 ADT7:45 ADT7:50 ADT7:55 ADT7:58 ADT7:59 ADT8:00 ADT8:01 ADT8:02 ADTLocation BROOKLYN NY Date 3/6/06Project / Client DAC-NYCBUSINESS CASE NO. 57BUSINESS CASE NO. 57BUREAU AND MEASURE DEPTH TO
AND FROM WATER LINE +
THE WATER LINE ON THE STREET
GAGEWATER TO MUDLINE = 15.5'
WATER ON TIDE GAUGE - 2.0'8:00 CONCLUDE DEPTH BCS-5 FROM
28' (FROM MUDLINE)9:30 DOWN TO 26' NO PD READINGS
SLIT FROM 32'-36' (SLIT GAGES)10:40 DOWN 44' NO PD READINGS
IN A CANYON SLIT11:00 DOWN TO 50' NO PD READINGS
RED CLAY IDENTIFIED AT 47.5'
BELOW MUDLINE TERMINATE
FOR RING11:00 SAMPLE BCS-5 40'-42' FOR
LABORATORY AS "RANDOM SAMPLE"
THE SAMPLE WAS STORED IN

Location BROOKLYN NY Date 3/6/06
 Project / Client DDC NYC
BUSHWICK CREEK INLET

11:00 A PLASTIC BAG UNTIL SELECTION FOR
 LABORATORY ANALYSIS IS THE
 BORING WAS SCREENED DEEPER

11:15 BEGIN TO BEAT DOWN RODS

11:40 GROUT BOREHOLE & REMOVE
 CUTTING

12:20 CRANE REMOVED BEGIN DECON
 DECON SOIL CUTTINGS, DECON DECON
 WATER

13:05 MOVE FLAT TO BCS-6 LOCATION.

13:00 MUD COMPLETE - BEGIN TO DRILL
 BCS-6

13:45 SMALL BCS-6 10-12 FEET
 MUD IS THIS HAS THE HIGHEST
 PID READING (716 ppm) AND
 HAS AN ODD OF FUEL OIL
 - THIS SAMPLE IS JUST ABOVE
 THE MUD / SOIL INTERFACE (@ 12')

Location BROOKLYN NY Date 3/6/06
 Project / Client DDC NYC
BUSHWICK CREEK INLET

5 PM SAMPLE WITH LONGSHORE SAW
 FOR 10 DAY DR TO LIMITED
 SAMPLE VOLUMES

14:40 STOP DRILLING FOR DAY @
 20' (FROM MUDLINE)
 CLEAN OUT MUDPIT - DECON
 CUTTINGS - WATER IS LOST IN
 CIRCULATION - DESTROYING MACHINERY
 SO IT DOES NOT FREEZE.

15:00 MC OFF SITE
 ADT DOWN TO 45'
 ONE SAMPLE, 17-15 WAS
 TAKEN IN BCS-5

16:5 4.5
2.5 0.5

METCALF & EDDY, INC.
1140 Route 22 East – Suite 101
Bridgewater, NJ 08807
Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

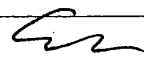
Job # 60004548.01	Date: 03/06/06
Project Name: Bayside Petroleum (DDC)	Time Arrived: 6:30
Location: Bushwick Creek Inlet, Brooklyn, NY	Time Departed: 15:00
Contractor on Site: Aquifer Drilling & Testing, Inc.	Weather: Clear & sunny
Contractor Equipment on Site: Track mounted drill rig and support truck	
DDC Subcontractor On-Site: Warren George	Temp: 30 – 40 °F
DDC Subcontractor Equipment: Drilling float with CME-55	
Activities:	
<ul style="list-style-type: none"> - Decontaminated the augers at BC-4 using a garden hose with a pressure nozzle connected to a fire hydrant located on Kent Avenue. - Advanced the borehole BC-5 to a depth of 45 ft bgs collecting split spoon soil samples continuously. - A soil sample was collected at BC-5 from 17 to 19 ft bgs (BC-5 17-19) that will be shipped to AmeriSci lab in Boston, MA for VOCs, SVOCs, PCBs, TAL Metals and Cyanide analyses. A split sample was collected for Longshore Environmental, Inc. - ADT crew introduced bentonite slurry into the borehole BC-5 at approximately 20 ft bgs to avoid heaving sands. - According to the Community Air Monitoring Plan (CAMP), a PID and a DataRAM (dust meter) were used onsite to screen the breathing zone and downgradient of the work area. No exceedances were noted on either of these instruments. 	
Discrepancies: None	
Recommendations: None	
Contractor Forces & Equipment:	
<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required	
Recommendations:	
<input type="checkbox"/> Described <input type="checkbox"/> Attached <input checked="" type="checkbox"/> None	
Number of Attachments: Field Log	Signed: Sirish Musthyala
Continued on Back? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Distribution: Project Manager <input checked="" type="checkbox"/>	
File Original <input checked="" type="checkbox"/>	

03/06/06	PROJECT	BURTHWELL CREEK AND WATER; CLEAR & SWAMPY 40-45'	03/06/06	THE ROUTE WAS MOVED TO BCP.	THE ROUTE WAS MOVED TO BCP.
045	ANALYSED	CONCRETE	730	CHOW WAS THE MORNING THE CHOW TO BCP.	CHOW WAS THE MORNING THE CHOW TO BCP.
	REMOVED	4 SCANDS THE HALL.		CHOW WAS THE MORNING THE CHOW TO BCP.	CHOW WAS THE MORNING THE CHOW TO BCP.
	ANALYSED	THE A. IN IMPROVED		CHOW WAS THE MORNING THE CHOW TO BCP.	CHOW WAS THE MORNING THE CHOW TO BCP.
	THE	THE A. IN IMPROVED		CHOW WAS THE MORNING THE CHOW TO BCP.	CHOW WAS THE MORNING THE CHOW TO BCP.
720	WAS	CHOW AND SWAMPY		CHOW WAS THE MORNING THE CHOW TO BCP.	CHOW WAS THE MORNING THE CHOW TO BCP.
730	CHOW	CHOW AND SWAMPY		CHOW WAS THE MORNING THE CHOW TO BCP.	CHOW WAS THE MORNING THE CHOW TO BCP.
745	CHOW	CHOW AND SWAMPY		CHOW WAS THE MORNING THE CHOW TO BCP.	CHOW WAS THE MORNING THE CHOW TO BCP.
	THE	THE A. IN IMPROVED		CHOW WAS THE MORNING THE CHOW TO BCP.	CHOW WAS THE MORNING THE CHOW TO BCP.
	THE	THE A. IN IMPROVED		CHOW WAS THE MORNING THE CHOW TO BCP.	CHOW WAS THE MORNING THE CHOW TO BCP.
820	CHOW	CHOW AND SWAMPY		CHOW WAS THE MORNING THE CHOW TO BCP.	CHOW WAS THE MORNING THE CHOW TO BCP.
	CHOW	CHOW AND SWAMPY		CHOW WAS THE MORNING THE CHOW TO BCP.	CHOW WAS THE MORNING THE CHOW TO BCP.
	CHOW	CHOW AND SWAMPY		CHOW WAS THE MORNING THE CHOW TO BCP.	CHOW WAS THE MORNING THE CHOW TO BCP.
850	CHOW	CHOW AND SWAMPY		CHOW WAS THE MORNING THE CHOW TO BCP.	CHOW WAS THE MORNING THE CHOW TO BCP.
	CHOW	CHOW AND SWAMPY		CHOW WAS THE MORNING THE CHOW TO BCP.	CHOW WAS THE MORNING THE CHOW TO BCP.
905	CHOW	CHOW AND SWAMPY		CHOW WAS THE MORNING THE CHOW TO BCP.	CHOW WAS THE MORNING THE CHOW TO BCP.

My Sister

METCALF & EDDY, INC.
 1140 Route 22 East - Suite 101
 Bridgewater, NJ 08807
 Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job # <u>6000 4548.01</u>	Date: <u>3/7/06</u>
Project Name: <u>BAYSIDE PETROLEUM / BUSHWICK CREEK INC.</u>	Time Arrived: <u>6:30</u>
Location: <u>BROOKLYN NY - KENT AVE</u>	Time Departed: <u>15:00</u>
Contractor on Site: <u>WILLIAM GEORGE</u>	Weather: <u>SUNNY</u>
Contractor Equipment on Site: <u>DRILLING PLANT N/CME-55</u>	<u>LIGHT WIND</u>
M&E Subcontractor On-Site: <u>ADT</u>	Temp: <u>MID 30's - MID</u>
M&E Subcontractor Equipment: <u>TRECH MONTAN DRILL RIG</u>	<u>40's</u>
Activities: <u>WILLIAM GEORGE DRILLED A BOULDER FOR MOST OF THE DAY.</u> <u>THE BOULDER WAS ENCOUNTERED AT ~19' FROM MUDLINE AND WAS</u> <u>3' THICK. THERE WAS A NEW ROLLERBIT INSTALLED, BUT CUTTING TIME WAS</u> <u>SLOW DUE TO THE BOULDER BEING GRANITE AND THE LACK OF DOWNPRESSURE</u> <u>(THE GREATER THE DOWNPRESSURE, THE FLAT RISES OUT OF THE WATER)</u> <u>THE BOULDER WAS ENCOUNTERED TOO DEEP TO BE FEASIBLE TIME WISE,</u> <u>TO MOVE THE BORING SO IT WAS CONTINUED.</u> <u>WILLIAM GEORGE BEGAN USING 3" CYING WITHIN THE 4" (4" STOPPED AT THE</u> <u>BOULDER) TO CONTINUE THE BORING. THEY COMPLETED TO 28' FROM MUDLINE</u> <u>BEFORE THEY STOPPED FOR THE DAY</u> <u>ADT DRILLED BC-5 TO 72' SAMPLING EVERY 5' AFTER 50' CONTINUOUS.</u> <u>SAMPLE BC-5 55-57 WAS COLLECTED FOR LABORATORY ANALYSIS. A PARTIAL</u> <u>SPLIT SAMPLE WAS COLLECTED FOR LONGTERM ENVIRONMENTAL.</u> <u>A FIELD BULK WAS COLLECTED OVER A DECONTAMINATED SPLIT SPOON</u> <u>AND SENT OFF TO THE LABORATORY VIA FED EX. LONGTERM ENVIRONMENTAL</u> <u>WERE UNSURE TO TAKE SAMPLES COLLECTED FOR THEM.</u> <u>ADT SET UP ON BC-6 BUT DID NOT DRILL IT.</u>	
Contractor Forces & Equipment:	
<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required	
Recommendations:	
<input type="checkbox"/> Described <input type="checkbox"/> Attached <input checked="" type="checkbox"/> None	
Number of Attachments: None	
Signed: 	
Continued on Back? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Distribution: Project Manager <input checked="" type="checkbox"/> <u>NELSON ABRAMS</u>	
Others	
File Original <input checked="" type="checkbox"/>	

Location BROOKLYN NY Date 3/7/06
Project / Client DDE - NYC
BUSHNICK GREEN MEET

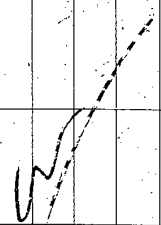
WENTWELL	—	SUNNY LIGHT AND MUDS —
		MID 40's
PERCIVAL	—	E. ACS
		S MUDSTICK
		SLUDDECKE
		B VERPANT
		B CRUZ
		R GORAN
		D KAHN
		V BRADY
		LONGSHORE
5800	CHUBBATE 2 PIP'S	SPAN = COPPER
	CHUBBATE MTR	= 0.00 NY/M ²
7110	WARRAN	GEORGE ON SITE
7125	ON WAY ON TO FLOAT	GREEN
	RELUCTANT	BCS-2 LOCATION USAB
	CPS AND COORDINATES	PREVIOUSLY
	RECORDED	FOR THE GREEN

Location BROOKLYN NY Date 3/7/06
Project / Client DDE NYC
BUSHNICK GREEN MEET

AND MEASURE DEPTH FROM WATERLINE
AND THE WATER LINE ON THE TIDE
STAFF CASES
WATER TO MUDLINE
WATER ON TIDE GAUGE
0.0
7145 CONTINUE BORING BCS-6 FROM 30'
DEEPER BOLDER @ 18" TO 1' FROM
MUDLINE
9115 STILL GRINDING ON BOLDER
RATE OF CUT SLOW - DELTA
15 2' INTO IT LIMITED BY
COMPRESSIONS (TOO MUCH PRESSURE FROM
CUT OF WATER)
10120 STILL GRINDING ON BOLDER
11140 STILL GRINDING DECISION MADE
TO KEEP ON UNTIL MUDLINE TO SURE
BORING - TO RELATIVE MUDLINE
TOO MUCH TIME AS WE ARE 35'
DOWN FROM BRIDGE DECK

Location BROOKLYN NY Date 3/7/06
 Project / Client DDC NYC
BUSHNICK CREEK MET

13:15 STILL GRINDING - 1020
 BULDER ONLY 3.8'
 13:30 BULDER THROUGH BULDER
 BULDER = 3' - 7" DEEP
 SMALL SPIN SPIN
 13:40 BEGAN TO ASSEMBLE 3" CASING
 THROUGH 4" CASING THROUGH BULDER
 JUST DELICED (WITH 4" PULLEY)
 14:20 DOWN TO 28' IN BCS-6
 1500 LINDSAY'S ILLUMINATION
 ON BULDER TO PICK UP CORRECTED
 SAMPLES
 ALL OFF SITE



Location BROOKLYN NY Date 3/8/06
 Project / Client DDC NYC
BUSHNICK CREEK MET

1547Hrs MIN 30'S - MID 40'S SUNNY
 LIGHT WIND
 PERSONNEL - EACS
 S MUSTARD
 S LINDSAY
 B VERMONT
 B CRUZ
 R GREEN
 5100 CHLORINE 2 PIDS 3:41 - 170 PPM
 CHLORINE 11% 0.00 mg/l
 7:20 WARMER GRADUATE ON SITE
 7:40 CONTINUE BCS-6 FROM 28'
 8:45 ENCLOSED ANOTHER BULDER
 AT 28.3 APPROX TO
 DRILL THROUGH WITH 3" ROD AND
 B-7

METCALF & EDDY, INC.
1140 Route 22 East – Suite 101
Bridgewater, NJ 08807
Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job # 60004548.01	Date: 03/07/06
Project Name: Bayside Petroleum (DDC)	Time Arrived: 6:30
Location: Bushwick Creek Inlet, Brooklyn, NY	Time Departed: 15:00
Contractor on Site: Aquifer Drilling & Testing, Inc.	Weather: Clear & sunny
Contractor Equipment on Site: Track mounted drill rig and support truck	
DDC Subcontractor On-Site: Warren George	Temp: 30 – 40 °F
DDC Subcontractor Equipment: Drilling float with CME-55	
Activities:	
<ul style="list-style-type: none"> - Advanced the borehole BC-5 to a depth of 72 ft bgs collecting split spoon samples continuously to a depth of 51 ft bgs and at 5-foot intervals from 51 to 72 ft bgs. - A soil sample was collected at BC-5 from 55 to 57 ft bgs (BC-5 55-57) that will be shipped to AmeriSci lab in Boston, MA for VOCs, SVOCs, PCBs, TAL Metals, and Cyanide analyses. A split sample from the same depth was collected for Longshore Environmental, Inc. - Collected a field blank sample using a split spoon sampler. The sample was shipped to AmeriSci lab in Boston, MA for VOCs, SVOCs, PCBs, TAL Metals, and Cyanide analyses. - Clay layer detected at BC-5 in the split spoon sampler but was noticed while the augers were being pulled from the ground. The thickness of the clay layer was approximately 5 feet from 63 to 68 ft bgs. - Dave Kahn and Vanessa Brady from Longshore Environmental, Inc. were onsite to collect the split soil samples. - According to the Community Air Monitoring Plan (CAMP), a PID and a DataRAM (dust meter) were used onsite to screen the breathing zone and downgradient of the work area. No exceedances were noted on either of these instruments. 	
Discrepancies: None	
Recommendations: None	
Contractor Forces & Equipment:	
<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required	
Recommendations:	
<input type="checkbox"/> Described <input type="checkbox"/> Attached <input checked="" type="checkbox"/> None	
Number of Attachments: Field Log	Signed: Sirish Musthyala
Continued on Back? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Distribution: Project Manager <input checked="" type="checkbox"/>	
File Original <input checked="" type="checkbox"/>	

03/10/06
PROJECT: BUSHWACK CROOK-ZOET
WEATHER: CLEAR, sunny, hot

03/10/06
0600
730
815
830
A DROWN AND A
DROWN STOLE A
TO BE (STUP) WENT TO THE
ACRES (AT F)
- A BUNZ (AT F) UNLOCKED THE
THE BOX IN THAT THEY WENT
WENT AWAY FROM THE SITE
THE WOMAN WITH THE
HOLY (L-1000 C.) PARKED
THE ONE IN FRONT OF A
PARK LOT AND STAYED AND
THE ONE WENT TO THE WOOD
WITH THE BOY (CROOK) PARKED
TO THE OFFICE TO HAVE THE
LAW WARD.
835 CROW STARTED DANCING IT
8-5
PLAYED ASP (PARKING) WITH
WENT TO THE

03/10/06
0600
730
815
830
A DROWN AND A
DROWN STOLE A
TO BE (STUP) WENT TO THE
ACRES (AT F)
- A BUNZ (AT F) UNLOCKED THE
THE BOX IN THAT THEY WENT
WENT AWAY FROM THE SITE
THE WOMAN WITH THE
HOLY (L-1000 C.) PARKED
THE ONE IN FRONT OF A
PARK LOT AND STAYED AND
THE ONE WENT TO THE WOOD
WITH THE BOY (CROOK) PARKED
TO THE OFFICE TO HAVE THE
LAW WARD.
835 CROW STARTED DANCING IT
8-5
PLAYED ASP (PARKING) WITH
WENT TO THE

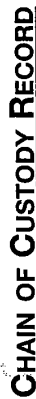
03/10/06
0600
730
815
830
A DROWN AND A
DROWN STOLE A
TO BE (STUP) WENT TO THE
ACRES (AT F)
- A BUNZ (AT F) UNLOCKED THE
THE BOX IN THAT THEY WENT
WENT AWAY FROM THE SITE
THE WOMAN WITH THE
HOLY (L-1000 C.) PARKED
THE ONE IN FRONT OF A
PARK LOT AND STAYED AND
THE ONE WENT TO THE WOOD
WITH THE BOY (CROOK) PARKED
TO THE OFFICE TO HAVE THE
LAW WARD.
835 CROW STARTED DANCING IT
8-5
PLAYED ASP (PARKING) WITH
WENT TO THE

6 03/10/06

BC-5 ELTON HIRON ADVISORY
THE RESPONSE TO A REPORT OF
921300
- CREW STARTED TO POLL THE
ADVERS AND STAKE THRU
IN THE BACK OF SUPPERS
TRUCK. CREW WERE CONSIDERED
A DEBONO PAD TO CLEAD
THE ADVERS.
1215 DAN KAHN, VANESSA BROADT
FROM LOUISIANA ENVI.
WERE ON DUTY.
1245 CREW BROKE FOR LUNCH
- LABELED THE SOIL SAMPLES
AND STORED IN A COOLER
1315 CREW STARTED WORKING. BOWMORE
TO BACKPICK THE BOMBARDIER
- CONSOLE LATERED THE DUCK
COSTAS AND ANOTHER DOWN.
- LABELED THE TWO DOWN
OF DOWN COSTAS AS
BC-5-14 BC-5-2.
1400 - BOMBARDIER MOVED THE DUCK
BC-5 TO THE NEXT BOMBARDIER
CONTRAM BC-6.

03/10/06

1415 CREW (AFTER) UP THE SUPPLY TRUCK
AND MOVED TO BC-6 TO ORIENTED THE
SUPPLY EQUIPMENT.
1445 CREW WERE TALKING THE ADVERS
BACK TO THEIR STAY FROM DEON.
WATER KANS THE CREW DETERMINED HAVE
THE EQUIPMENT TO STOP THE
DEON AND THEY WERE SET AT 50
TRANSDUCER.
- THE SUPPLY ROOM HAD A FEEL
THESE DEVICES OUT OF THE CASE.
1500 FINAL HANDED OVER THE GREEN
SOIL KETTERMONT SAMPLES TO DATA C.
OF LABORATORY ENV.
1510 LEFT THE CASE 2PM THE DAY
1615 ARRIVED AT 2PM AT 2PM
THE TWO FOLLOWING AND STOPPED THE
PAVED 3 LANE (AUG 16) TO 4 LANE
1645 LEFT THE 2-DEY OPERATE
1745 AND 1800 TOP WLA.
BY 1800 HRS



AMERISCI BOSTON
8 School Street ~ Weymouth, MA

8 School Street ~ Weymouth, MA 02189
888.724.5221 Toll Free
781.337.9334 Phone ~ 781.337.7642 Fax

www.amerisci.com

781.337.9334 Phone ~ 781.337.7642 Fax

CHAIN OF CUSTODY RECORD

AMERISCI BOSTON
8 School Street ~ Weymouth, MA

8 School Street ~ Weymouth, MA 02189
888.724.5221 Toll Free
781.337.9334 Phone ~ 781.337.7642 Fax

www.amerisci.com

781.337.9334 Phone ~ 781.337.7642 Fax

[illegible]

FedEx® USA Airbill

Express

Tracking Number 8455 4997 2223

1 From Please print and sign here.

Date 03/07/06 Sender's FedEx Account Number

Sender's Name ERIC ACS Phone (908) 707-8874

Company METCALF & EDDY INC

Address 1140 US HIGHWAY 22 # 101

City BRIDGEWATER State NJ ZIP 08807-2912

2 Your Internal Billing Reference

3 To Recipient's Name SAMPLE MANAGEMENT, 781.337-9334

Company AMERISC BOSTON

Address 8 SCHOOL STREET

City WEYMOUTH State MA ZIP 02189

Try online shipping at fedex.com

By using this Airbill you agree to the service conditions on the back of this Airbill and in our current Service Guide, including terms that limit our liability.

Questions? Visit our Web site at fedex.com or call 1.800.Go.FedEx® 800.463.3339.

Sender's Copy

4a Express Package Service

☒ FedEx Priority Overnight

☐ FedEx Standard Overnight

☐ FedEx Express Saver

4b Express Freight Service

☐ FedEx 1Day Freight*

☐ FedEx 2Day Freight

☐ FedEx 3Day Freight

5 Packaging

☐ FedEx Envelope*

☐ FedEx Pak*

☒ Other

6 Special Handling

☐ Saturday Delivery

☐ Hold Weekday

☐ Hold Saturday

☐ Fragile

☐ Not Available for FedEx Day Freight and FedEx 2Day

☐ Fragile

☐ Dry Ice

☐ Dry Ice

☐ Dry Ice

☐ Dry Ice

☐ Dry Ice

☐ Dry Ice

☐ Dry Ice

☐ Dry Ice

☐ Dry Ice

☐ Dry Ice

7 Release Signature

By signing this Airbill you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

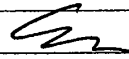
0270544231

447

PULL AND RETAIN THIS COPY BEFORE AFFIXING TO THE PACKAGE.

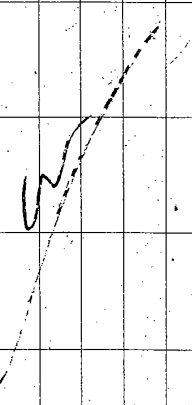
METCALF & EDDY, INC.
1140 Route 22 East - Suite 101
Bridgewater, NJ 08807
Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job #	60004548.01	Date:	3/8/01
Project Name:	BAYSIDE PETROLEUM - BROOKLYN CREEK INLET	Time Arrived:	6:30
Location:	BROOKLYN NY - KENT AVE	Time Departed:	15:00
Contractor on Site:	WARREN GEORGE	Weather:	SUNNY
Contractor Equipment on Site:	DRILLING FLOAT W/ CME-55		LIGHT WIND
M&E Subcontractor On-Site:	ADT	Temp:	MID 30's - MID 40's
M&E Subcontractor Equipment:	TRUCK MOUNTED DRILL RIG		
Activities:			
WARREN GEORGE CONTINUES TO DRILL BCS-6 FROM 28'. THEY ENCOUNTER 3 SUCCESSIVE BOULDERS FROM 28.3' TO 32' (FROM MUDLINE) THEY WERE ABLE TO DRILL THROUGH USING A 3" ROLLER BIT AND CONTINUE SAMPLE. AT 10:10, THE DRILL RIG BREAKS, THE UNIVERSAL JOINT WHICH DRIVES THE HYDRAULIC PUMP FOR THEIR SNAPS AND DAMAGES THE RADIATOR WHICH LEAKS. WARREN GEORGE CATCHES THE ANTIFREEZE IN A BUCKET AND MOPS UP SPILLED ANTIFREEZE ON THE FLOAT DECK. NO ANTIFREEZE WAS NOTICED IN THE WATER AROUND THE FLOAT. THE BORING WENT AT 36' (FROM MUDLINE) WHEN THE MECHANICAL FAILURE HAPPENED. WARREN GEORGE REMOVED THE BROKEN UNIVERSAL JOINT + RADIATOR AND TRAVEL TO THEIR SHOP TO GET REPAIR PARTS AND FIND A NEW RADIATOR. THEY LEFT AT 13:30 AND IS NOT ANTICIPATED BACK TODAY, THE REPAIRS WILL TAKE PLACE TOMORROW AM.			
ADT SET UP DECON AND DECONS RUBERS. THEN THEN DRILL BCB-6 SAMPLE BC-6 19-21 WAS TAKEN FOR LABORATORY ANALYSIS AND WAS SPLIT WITH LONGSHORE ENVIRONMENT. THE BORING APPEARS CLEAN THROUGHOUT AND THE 19-21 SAMPLE ALSO APPEARED CLEAN (BIT WAS TAKEN BECAUSE IT IS MUD WHERE OTHER BORINGS SHOWED SOME CONTAMINATION VIA PID) ADT IS DOWN TO			
Contractor Forces & Equipment:			
<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required			
Recommendations:			
<input type="checkbox"/> Described <input type="checkbox"/> Attached <input checked="" type="checkbox"/> None			
Number of Attachments: None		Signed: 	
Continued on Back? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Distribution: Project Manager <input checked="" type="checkbox"/> NELSON ABRAHAM			
Others			
File Original <input checked="" type="checkbox"/>			

Location BROOKLYN NY Date 3/7/06
 Project / Client DDC NYC
BUSHNICK CREEK MET

13:15 STILL GRINDING - 1020
 BOULDER ONLY 3.8'
 13:30 DRILLING THROUGH BOULDER
 BOULDER = 3' - THICK
 SMILE DRILL STATION
 13:40 BEGAN TO INSTALL 3" CASING
 THROUGH 4" CASING THROUGH BOULDER
 JUST DRILLED (WITH 4" CASING)
 14:20 DOWN TO 28' IN BCS-6
 15:00 LONG STONES EVAPORATION
 ON 3PM TO PICK UP CORRODED
 SAMPLES
 ALL OFF SITE



Location BROOKLYN NY Date 3/8/06
 Project / Client DDC NYC
BUSHNICK CREEK MET

WEATHER mid 30's - MID 40's SUNNY
 LIGHT WIND
 PERSONNEL - EACS
 S MUSTARD
 S LUNDGREN
 B VERPONG
 B CRUZ
 R GREEN
 5:00 CHLORINE 2 PIDS 5:41 = 190 ppm
 CHLORINE 11:13 7.00 mg/l
 7:20 WINTERGREEN ANISOL
 7:40 CONTINUE BCS-6 FROM 29'
 8:45 ENDANGER ANOTHER BOULDER
 AT 28.3 ATTEMPT TO
 DRILL THROUGH WITH 3" ROCK
 BIT

Location BROOKLYN NY Date 3/8/06Project / Client DDC NYCBUSCHWICK CREEK INLET

9:30 Come through bridge (2')

sample split from again.

10:10 Hydraulic pump inverts (connect

to engine) begins and another

rotation. Antifreeze which

leaked was contained by

a bucket and the float deck

was marked up. NO antifreeze

could be seen in the water

around the float

Drillers remove broken inverts

+ broken radiator to be

transported to the shop

13:30 Drillers (Wagner/Gear) arrive.

Most likely will return within

hours tomorrow AM and fix

them

EA makes out remaining

inverted buoys on land (instruments)

+ completes paperwork

Location BROOKLYN NY Date 3/8/06Project / Client DDC NYCBUSCHWICK CREEK INLET

ADT drills BC-6, sample
 BC-6 19-21 was taken and
 duplicated for lookalike investigation
 The benthic sample taken a mud
 sample was taken to be consistent
 with other borings showed contamination
 The sample taken from BC-6 at 19-21
 appears clean. After end the boring
 for the day @ 4:51

METCALF & EDDY, INC.
1140 Route 22 East – Suite 101
Bridgewater, NJ 08807
Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job # 60004548.01	Date: 03/08/06
Project Name: Bayside Petroleum (DDC)	Time Arrived: 6:30
Location: Bushwick Creek Inlet, Brooklyn, NY	Time Departed: 15:00
Contractor on Site: Aquifer Drilling & Testing, Inc.	Weather: Clear & sunny
Contractor Equipment on Site: Track mounted drill rig and support truck	
DDC Subcontractor On-Site: Warren George	Temp: 30 – 40 °F
DDC Subcontractor Equipment: Drilling float with CME-55	
Activities:	
<ul style="list-style-type: none"> - Advanced the borehole BC-6 to a depth of 45 ft bgs collecting split spoon soil samples continuously. A total of 20 split spoon samples were collected today. - A soil sample was collected at BC-6 from 19 to 21 ft bgs (BC-6 19-21) that will be submitted to the lab for VOCs, SVOCs, PCBs, TAL Metals and Cyanide analyses. - ADT crew introduced bentonite slurry into the borehole BC-6 at approximately 17 ft bgs to avoid heaving sands. - ADT crew setup a decontamination pad next to the site entrance gate. - ADT crew decontaminated the augers on the decon pad before using them in borehole BC-6. - According to the Community Air Monitoring Plan (CAMP), a PID and a DataRAM (dust meter) were used onsite to screen the breathing zone and downgradient of the work area. No exceedances were noted on either of these instruments. 	
Discrepancies: None	
Recommendations: None	
Contractor Forces & Equipment:	
<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required	
Recommendations:	
<input type="checkbox"/> Described <input type="checkbox"/> Attached <input checked="" type="checkbox"/> None	
Number of Attachments: Field Log	Signed: Sirish Musthyala
Continued on Back? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Distribution: Project Manager <input checked="" type="checkbox"/>	
File Original <input checked="" type="checkbox"/>	

METCALF & EDDY, INC.
 1140 Route 22 East - Suite 101
 Bridgewater, NJ 08807
 Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job # <u>600 04548 .01</u>	Date: <u>3/9/01</u>
Project Name: <u>BAYSIDE PETROLEUM - BUSHNICK CREEK WLE7</u>	Time Arrived: <u>6:30</u>
Location: <u>BROOKLYN NY - KENT AVE</u>	Time Departed: <u>15:00</u>
Contractor on Site: <u>WARREN GEORGE</u>	Weather: <u>OVERCAST</u>
Contractor Equipment on Site: <u>DRILLING FLAT W/CM 955</u>	<u>OCCASIONAL DRIZZLE</u>
M&E Subcontractor On-Site: <u>ADT</u>	Temp: <u>40's - 50's</u>
M&E Subcontractor Equipment: <u>TRACK MOUNTED DRILL RIG</u>	<u>MODERATE WIND</u>
Activities: <u>WARREN GEORGE REPAIRS THE ENGINE AND DRILLING ON BCS-6</u> <u>CONTINUES FROM 36' (FROM MUDLINE) THE DRILL WAS TERMINATED AT</u> <u>40' (FROM MUDLINE) BECAUSE THE HOLE WOULD NOT STAY OPEN. THE 4" WAS</u> <u>DRIVEN TO THE FIRST BOULDER AND THE 3" CASING WAS DRIVEN TO THE</u> <u>SECOND SET OF BOULDERS. WARREN GEORGE ATTEMPTED TO DRILL OPEN HOLE</u> <u>AFTER THE SECOND SET OF BOULDERS, BUT WAS ONLY SUCCESSFUL IN KEEPING THE</u> <u>HOLE OPEN UNTIL 40'</u> <u>SAMPLE BCS-6 36-38 WAS COLLECTED FOR LABORATORY ANALYSIS. THE</u> <u>SAMPLE WAS SPLIT ENTIRELY WITH LONGSHORE ENVIRONMENTAL. NO PID READINGS</u> <u>WERE OBTAINED IN THE NATIVE MATERIAL (ONLY IN THE MUD)</u> <u>THE DRILLING TOOLS WERE DECONTAMINATED AND THE BOREHOLE WAS GROUTED</u> <u>WARREN GEORGE MOVED THE FLAT TO THE BCS-7 LOCATION AND DRILLED IT TO</u> <u>22' FROM MUDLINE. NO PID READINGS WERE OBTAINED FROM THE ENTIRE</u> <u>BOREHOLE TO 22' SAMPLE BCS-7 10-12 WAS TAKEN FOR LABORATORY</u> <u>ANALYSIS AND SPLIT ENTIRELY WITH LONGSHORE ENVIRONMENTAL.</u> <u>ADT DRILLED BC-6 TO 69'. SOIL SAMPLE BC-6 60-62 WAS COLLECTED</u> <u>AND SPLIT ENTIRELY WITH LONGSHORE ENVIRONMENTAL. BC-6 WAS GROUTED</u>	
Contractor Forces & Equipment: (over)	
<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required	
Recommendations:	
<input type="checkbox"/> Described <input type="checkbox"/> Attached <input checked="" type="checkbox"/> None	
Number of Attachments: None	
Signed: <u>EM</u>	
Continued on Back? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Distribution: Project Manager <input checked="" type="checkbox"/> <u>NELSON ABRAMS</u>	
Others	
File Original <input checked="" type="checkbox"/>	

Location BRONX, NY Date 3/9/06
Project / Client DDC NYC BUSHWICK GREEN MUSE

11/27/74 - OCCASIONAL PURPLE
 EUREAST 40's - 50's
 MOD WIND
 PERSONAL - E. ACS
 - S MISTY/NOV 7 MFK
 - S LINDSEY
 - B VERPENT
 - B CRUZ
 - R GERNI
 - S PRAVABRI - DDC
 AOT

5:00	CR13B274 2 PIDS	Spent 100 pms
	CR13B274 N1E -	0.05 N ₂ /p ₂
	Noble Battery in 1ME	

6:30	ARRIVE ON SITE,
7:10	ADJ ON SITE
7:15	WORKING CENTAS ON SITE WITH
	REPAIR FENCE
7:30	BEGIN TO REPAIR ROADWAY
	& HYDRAULIC PUMP DRIVE SHAFT

Location Bloomington Date 3/3/02
Project / Client DDC NYC
BUSHAULEK and meyer

9:40 REPAIRS COMPLETE, BEGIN
TO DRILL AGAIN CONTINGENT
BC-6 FROM 36' (FROM ABOVE)
10:45 TERMINATE BORING BC-6 AT
40' FROM SURFACE - TAKE 4" CORE
WAS TERMINATED AT THE FIRST
BORDER, AT 3" CISING AT THE
SECOND BOLDEN AT 28', ATTEMPTING
TO DRILL STAINLESS STEEL BUT THIS
WAS ONLY SUCCESSFUL TO 40' BECAUSE
SAND COLLAPSED INTO THE HOLE,
- [IE THE HOLE DID NOT STAY OPENED
PAST 40']
10:50 BEGIN TO REMOVE RODS, 3' CORRECTION
+ 4" CISING + GROUT BORING

10:50 SAMPLE BCS-6 36-38
SPORT SAMPLE FFA 10 CONWAY WASH
LANDSHORE ENV. SAMPLE WMS SECURED
FBI SCREENING VIA ZAPAC BAC STARTED
TODAY

Location BROOKLYN NY Date 3/9/06
 Project / Client DGC NYC
BUSHNICK CLEAN UP

11:25 ROPS OUT / CASING OUT
 BEGIN TO DECON DRILLING TOOLS
 DECON DECONVATION + DRILL CUTTERS

12:00 DECON COMPRESS - MOVE
 FEAT TO THE BCS-7 LOCATION

12:25 FEAT ON BCS-7 BEGIN TO DRILL

13:25 SAMPLE BCS-7 10-12, NO
 PID READINGS WERE OBTAINED
 FOR THE MUD SAMPLE IN THE
 BOREHOLE. MUD WAS ENCOUNTERED
 IN THE FINAL MUD SPON PREVENTING
 A FULL SPON, SO THE METERING ABOUT
 THIS WAS TAKEN. BCS-7 10-12
 HAD NO PID READINGS

14:06 DOWN 18' NO PID READINGS

14:35 BREAK DOWN FEAT 7 1/2 DIA
 DOWN 22' FROM MUDLINE

17:00
 1/2

Location BROOKLYN NY Date 3/9/06
 Project / Client DGC NYC
BUSHNICK CLEAN UP

ADT DRILLED BC-6 TO 69'
 SOIL SAMPLE BC-6 60-62 WTS
 CORRECTED FOR DRIFTING + MUDS
 BC-6 WTS GROUND + DECONVATED
 CUTTERS. THEY SET UP ON
 BC-2 LOCATION AND WILL DECON
 AUGER'S IMMEDIATELY

15:00 PDC WTS

METCALF & EDDY, INC.
1140 Route 22 East – Suite 101
Bridgewater, NJ 08807
Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job # 60004548.01	Date: 03/09/06
Project Name: Bayside Petroleum (DDC)	Time Arrived: 6:30
Location: Bushwick Creek Inlet, Brooklyn, NY	Time Departed: 15:00
Contractor on Site: Aquifer Drilling & Testing, Inc.	Weather: Overcast and
Contractor Equipment on Site: Track mounted drill rig and support truck	occasional drizzle
DDC Subcontractor On-Site: Warren George	Temp: 40 – 50 °F
DDC Subcontractor Equipment: Drilling float with CME-55	
Activities:	
<ul style="list-style-type: none"> - Advanced and completed the borehole BC-6 to a depth of 69 ft bgs collecting split spoon soil samples continuously to a depth of 51 ft bgs and at 5-foot intervals from 51 to 69 ft bgs. - A soil sample was collected at BC-6 from 60 to 62 ft bgs (BC-6 60-62). The soil sample recorded a reading of 29 ppm on the PID but no odor was associated with it. A split sample was also collected for Longshore Environmental, Inc. - ADT crew grouted the borehole and containerized the drill cuttings into two 55-gallon drums. - ADT crew setup the drill rig at borehole BC-2 before the end of the day. - ADT crew unloaded the augers at the decon pad and realized that someone stole ADT's adapter from the fire hydrant. - According to ADT, another adapter to the fire hydrant will be brought in from the shop so that the augers can be decontaminated in the morning. - According to the Community Air Monitoring Plan (CAMP), a PID and a DataRAM (dust meter) were used onsite to screen the breathing zone and downgradient of the work area. No exceedances were noted on either of these instruments. 	
Discrepancies: None	
Recommendations: None	
Contractor Forces & Equipment:	
<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required	
Recommendations:	
<input type="checkbox"/> Described <input type="checkbox"/> Attached <input checked="" type="checkbox"/> None	
Number of Attachments: Field Log	Signed: Sirish Musthyala
Continued on Back? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Distribution: Project Manager <input checked="" type="checkbox"/>	
File Original <input checked="" type="checkbox"/>	

10/19/66

08/19/66

PROJECT: BUSHWICK CREEK RAINFALL MONITORING	4:15	COMPLETED PULLING THE AROUND TOWN
WEATHER: OVERCAST, OCCASIONAL PRECIPITATION		REMARKS: BC-6
		- CLOUTED THE IS PLEASANT AND
6:00 ARRIVED ON SITE		UNDOED BY THE SPRING PULLER WITH
7:15 ADT UNDO AROUND ON SITE		ALL THE EQUIPMENT
7:20 W.C. BEEN ARRIVED ON SITE		3:15 MOVED THE AROUND TO BC-2
7:45 CANN COMPLETED PREPARING AT		UNDOED THE EQUIPMENT FROM THE
8:30 BC-6 FROM 45' SW.		SUPPLEMENT TOWN AT BC-2 AND
8:30 INSTALLED CROWN TO COLLECT		BLINDING THE AROUND TO THE
SPRINK SPRING SAMPLE AT 5' FOOT		DECKON PAPER NEAR THE RAINFALL
EMERGENCY AFTER THE 49-51		WATER
SPRINK SPRING SAMPLE W/ 91		AND CROWN SPRING TO DECKON THE AROUND
COLLECTED		DOWN THE DECKON PAPER WITH A
9:30 COLLECTED A 2nd SAMPLE AT		THEY COMPLETED TO A FINE THROAT
BC-6 FROM 50-52' SW. - THE		ON KENT AVE. NW.
SAMPLE HAD A 2nd READINGS		- CROWN WITH 1200 THAT SPRING ONE
OF 29 gpm.		SPRINK THERE AROUND COMPLETED TO
- INSTALLED CROWN TO COLLECT		THE FINEST HYDRA AROUND AND WITH
ANOTHER SAMPLE FROM 62-64' SW.		WET ANOTHER ONE TOMORROW
- NO 2nd READINGS W/ 1200		W/ 1200
2nd THE 62-64' SW. 2nd SAMPLE		140 ADT CROWN WITH THE WITH 1200
1:00 COMPLETED AROUND THE		THE DAY CROWN THEY CROWN NOT
DECKON BC-6 TO A		DECKON AROUND THE DECKON AROUND
DECKON OF 69' SW.		- COMPLETED THE DECKON AROUND
11:45-12:15 UNDER		- INSTALLED THE DECKON AROUND

12/09/06

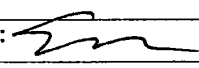
90103

13

1420 COLLECTED FROM 20 THE SAMPLE
THAT WERE TAKEN.
1430 WENT AROUND THE BAY
AND LABELED THE DUMPS
GENERATED AT BOWTHORPE.
BC-3, 4, 5, 6.
1430 A CORVEY CAME FROM
DCC WTS ON SITE.
1445 COMPLETED THE DUMP
INVESTIGATION.
1500 LEFT THE SITE FOR THE
DAY AFTER RECOVERING THE
PROOF GATE.
by [Signature]
[Signature]

METCALF & EDDY, INC.
1140 Route 22 East - Suite 101
Bridgewater, NJ 08807
Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job #	6000 4548.01	Date:	3/10/06
Project Name:	PAVING PETROLEUM - BUSHMUCK CREEK INLET	Time Arrived:	6:30
Location:	BROOKLYN NY - KENT AVE	Time Departed:	13:00
Contractor on Site:	WILFRED GEORGE	Weather:	WINDY - DRIZZLE
Contractor Equipment on Site:	DRILLING FLUIT W/CM2-55		TO SUNNY
M&E Subcontractor On-Site:	ADT	Temp:	40's - 60's
M&E Subcontractor Equipment:	TRUCK MOUNTED DRILL RIG		
Activities:			
WILFRED GEORGE ADVANCES BORING BCS-7 FROM 22' (FROM MUDLINE) TO 42'. A BOULDER WAS ENCOUNTERED AT 35.4' WHICH TOOK TIME TO DRILL THROUGH. A CORE OF THE BOULDER WAS TAKEN, REVEALING IT TO BE DIABASE. NO PID READINGS WERE OBTAINED FROM ANY OF THE SAMPLES FROM THIS BORING TO 42'. NO "CLEAN" SAMPLE WAS TAKEN AS THE BORING WILL BE COMPLETED ON MONDAY (ANTICIPATED 50').			
ADT DROPS ALL AUGERS AND MOVED TO THE BC-2 LOCATION. THEY ENCOUNTER A CONCRETE OBSTRUCTION @ 3' BELOW GROUND (THE LOCATION WAS TO BE CLEARED TO 5' BY ADT BUT NOT). THE AUGER WERE IN ABOUT 5' AND DRILLED TO 35' BELOW GROUND BEFORE QUITTING FOR THE DAY. BC-2 9-11 WAS TAKEN FOR LABORATORY ANALYSIS. BC-2D 9-11, A DUPLICATE SAMPLE WAS ALSO TAKEN. A FULL SPLIT SAMPLE WAS TAKEN FOR LONGSHORE ENVIRONMENTAL. PID READINGS WERE OBTAINED FROM 5' TO THE NATIVE MATERIAL (PID READINGS WERE IN THE MUD ONLY). VANESSA BRADY OF LONGSHORE PICKED UP THE COLLECTED SPLIT SAMPLES.			
Contractor Forces & Equipment:			
<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required			
Recommendations:			
<input type="checkbox"/> Described <input type="checkbox"/> Attached <input checked="" type="checkbox"/> None			
Number of Attachments: None		Signed: 	
Continued on Back? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Distribution: Project Manager <input checked="" type="checkbox"/> NELSON ADAMS			
Others			
File Original <input checked="" type="checkbox"/>			

Brooklyn NY

Date

3/10/06

Location

Project / Client

DDC-NYC

BUSINESS CREAK MEET

1445 ALL OFFER

ADT DECORATED PRECARS

MOVED TO THE BC-2 LOCATION

BC-2 WAS BEING TWO DUE TO

AN OBSTRUCTION, THE ANTERIOR

WAS DILATED TO 35'

THE SAMPLE BC-2 9-11 WAS

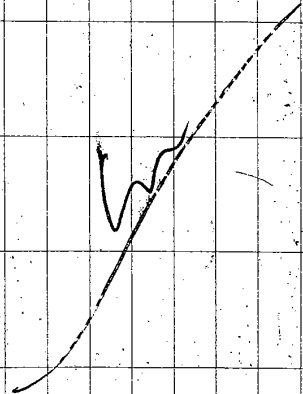
COLLECTED + DUPLICATED

LONGSHORE ENVIRONMENTAL RECORD

+ SPLIT FROM THE INTERIOR

HARVEST BODY COLLECTED ALL

LONGSHORE ENVIRONMENTAL SAMPLES



Brooklyn NY

Date

3/13/06

Project / Client

DDC-NYC

BUSINESS CREAK MEET

WEATHER FOG (M) OVERCAST
 40s - 50s NO WIND - SUNNY

PERSONAL

8.4.1

5 MUSTANGS

5 SUBARU

3 VOLVO

3 CRUISE

R GREEN

6:50 CRUISE 2 P.D.S. SPAN = 100ft

CRUISE 2 P.D.S. SPAN = 100ft

CRUISE 2 P.D.S. SPAN = 100ft

CRUISE 2 P.D.S. SPAN = 100ft

CRUISE 2 P.D.S. SPAN = 100ft

CRUISE 2 P.D.S. SPAN = 100ft

CRUISE 2 P.D.S. SPAN = 100ft

CRUISE 2 P.D.S. SPAN = 100ft

CRUISE 2 P.D.S. SPAN = 100ft

CRUISE 2 P.D.S. SPAN = 100ft

CRUISE 2 P.D.S. SPAN = 100ft

CRUISE 2 P.D.S. SPAN = 100ft

CRUISE 2 P.D.S. SPAN = 100ft

CRUISE 2 P.D.S. SPAN = 100ft

CRUISE 2 P.D.S. SPAN = 100ft

CRUISE 2 P.D.S. SPAN = 100ft

METCALF & EDDY, INC.
1140 Route 22 East – Suite 101
Bridgewater, NJ 08807
Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job # 60004548.01	Date: 03/10/06
Project Name: Bayside Petroleum (DDC)	Time Arrived: 6:30
Location: Bushwick Creek Inlet, Brooklyn, NY	Time Departed: 15:00
Contractor on Site: Aquifer Drilling & Testing, Inc.	Weather: Overcast drizzle to
Contractor Equipment on Site: Track mounted drill rig and support truck	Sunny in the afternoon
DDC Subcontractor On-Site: Warren George	Temp: 40 – 60 °F
DDC Subcontractor Equipment: Drilling float with CME-55	
Activities:	
<ul style="list-style-type: none"> - ADT crew decontaminated two sets of augers on the decon pad in the morning. - Borehole BC-2 was relocated 5 feet to the east since an obstruction was encountered in the initially cleared borehole at approximately 3.5 ft bgs. - Advanced the borehole BC-2 to a depth of 35 ft bgs collecting split spoon soil sample continuously. The PID readings within the headspace of the soil samples collected from 5 to 23 ft bgs ranged from 6 to 236 ppm. - A soil sample was collected at BC-2 from 9 to 11 ft bgs (BC-2 9-11) with a duplicate sample (BC-2D 9-11) and a split sample collected for Longshore Environmental, Inc. - Vanessa Brady from Longshore Environmental, Inc. was onsite to pickup the split soil/sediment samples. - ADT crew introduced bentonite slurry into the borehole BC-2 at approximately 25 ft bgs to avoid heaving sands. - According to the Community Air Monitoring Plan (CAMP), a PID and a DataRAM (dust meter) were used onsite to screen the breathing zone and downgradient of the work area. No exceedances were noted on either of these instruments. 	
Discrepancies: None	
Recommendations: None	
Contractor Forces & Equipment:	
<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required	
Recommendations:	
<input type="checkbox"/> Described <input type="checkbox"/> Attached <input checked="" type="checkbox"/> None	
Number of Attachments: Field Log	Signed: Sirish Musthyala
Continued on Back? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Distribution: Project Manager <input checked="" type="checkbox"/>	
File Original <input checked="" type="checkbox"/>	

12/10/06

13/10/06

600000 TARM TO THE SAMPLE
TLC DAM MTD.
1420 WENT AROUND THE SITE
AND UNBLED THE DAM
GENERATED AT BOUTHOPE
BC-3 4, 5, 6.
1430 A CORREY CURED FROM
DPC WAS ONSITE.
1445 COMPLETED THE DAM
REINFORCING.
1500 UPPY THE SITE FOR THE
DAY AFTER RECONSTRUCTING THE
FLOOD GATE.
by J. Smith
1500 CAME COMPLETED BELOW OF SECOND
SET OF WORKING AND STARTED TO
MOUNTAIN AT BC-2
900 NEW STATION DUE TO BC-2
- ENCOUNTERED AN OBSTACLE AT
75 BC1 AND THE FLOOD GATE TO
BE UNBLED IN A BOO DRY/CONCRETE
- CAME TO THE FLOOD GATE AND
UNBLED GATE FROM FLOOD GATE
AND FLOOD GATE.
- CAME TO THE FLOOD GATE AND
UNBLED GATE.

1427/10/6

Moved to the Harris Corridor
of this station by 4:15
1445 Moved approximately 500 yds
N-2 to locate the corridor.
1000 Clearing the debris from N-2
to a depth of 5 ft and started
to locate gravel spooning.
1030 Collected 4 soil samples from
N-2 9-11 gals. Also collected
a specimen and a soil sample
for analysis.
1145 Crew finished the face to a
depth of 19 ft and gave
a lunch.
- VARENA STARTED AND
LOVE-SPARE W. with more
1155 Crew started collecting data.
1245 Crew started making sample
control and finished and
the station is N-2 to about
1250 1/2 in. sample.
1345 Collected and soil near Dredge
collected at N-2 from a
control and 1/2 in. sample.
1420 Crew finished the

8/16/6

Continued N-2 to a depth of
85 ft.
1455 Handed over the spot and
walked to new station.
1500 Handed over the spot and
to meet the site for the day.

Aug 2
1500

CHAIN OF CUSTODY RECORD

AMERISCI BOSTON
 8 School Street ~ Weymouth, MA 02189
 888.724.5221 Toll Free
 781.337.9334 Phone ~ 781.337.7642 Fax
 www.ameriscisci.com

COMPANY: METCALF & EDDY INC

ADDRESS: 1140 ROUTE 22 EAST, BRIDGEWATER NJ 08807

PHONE: (908) 947-0276 **FAX 1:** (908) 707-8876 **FAX 2:**

CLIENT CONTACT: NELSON AGRANIS **EMAIL:** NELSON.AGRANIS@M-E.AECOM.COM

PROJECT NAME: BAYSIDE PETROLEUM BOSTON/CITY INLET **PROJECT NUMBER:** 60084548.01 **PROJECT STATE:** NY

MATRIX: A-WATER S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS **CONTAINER:** P-PLASTIC
 WI-WIPES C-CASSETTES W-WASTE O-OTHER **G-GLASS V-VOA**

DATE: _____ **TIME:** _____

TEMP UPON RECEIPT: _____

P.O.# _____

DATA PACKAGE: _____

DATE	TIME	LOCATION	NO.	SIZE	TYPE	DATE	TIME	DATE	TIME	DATE	TIME
BC-5	17-19	SOIL	2	3/6/06	11:15	SM	G	N/A	X	X	X
BCS-5	40-42	SOIL	2	3/6/06	11:00	EA	G	N/A	X	X	X
BCS-6	10-12	SOIL	2	3/6/06	13:45	EA	G	N/A	X	X	X
BC-5	55-57	SOIL	2	3/7/06	10:15	SM	G	N/A	X	X	X
BC-6	19-21	SOIL	2	3/8/06	11:15	SM	G	N/A	X	X	X
BC-6	60-62	SOIL	2	3/9/06	9:30	SM	G	N/A	X	X	X
BCS-6	36-38	SOIL	2	3/9/06	10:30	EA	G	N/A	X	X	X
BCS-7	10-12	SOIL	2	3/9/06	13:15	EA	G	N/A	X	X	X
BC-2	9-11	SOIL	2	3/6/06	10:30	SM	G	N/A	X	X	X
BC-2D	9-11	SOIL	2	3/6/06	10:30	SM	G	N/A	X	X	X

SAMPLED BY: (PRINT) *ERIC ACS* **DATE:** 3/10/06 **TIME:** 14:00

RELINQUISHED BY: (PRINT) _____ **DATE:** _____ **TIME:** _____

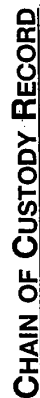
RELINQUISHED BY: (PRINT) _____ **DATE:** _____ **TIME:** _____

RELINQUISHED BY: (PRINT) _____ **DATE:** _____ **TIME:** _____

RECEIVED BY: (PRINT) _____ **DATE:** _____ **TIME:** _____

RECEIVED BY: (PRINT) _____ **DATE:** _____ **TIME:** _____

RECEIVED FOR LABORATORY BY: (PRINT) _____ **DATE:** _____ **TIME:** _____



AMERISCI BOSTON

8 School Street ~ Weymouth, MA 02189
888.724.5221 Toll Free
781.337.9334 Phone ~ 781.337.7642 Fax

www.amerisci.com

COMPANY: METCALF & EDDY INC

ADDRESS: 1140 ROUTE 22 EAST, BRIDGEWATER NJ 08807

PHONE:	(908) 947-0276	FAX 1:	(908) 707-8876	FAX 2:	
--------	----------------	--------	----------------	--------	--

CLIENT	NELSON ABRAMS
CONTACT	NEILSON ABRAMS C M-E, AECOM.COM
EMAIL:	

PROJECT NAME:	BAVINSSE DESTROYALISM	PROJECT NUMBER:	6000 4548.01
PROJECT CODE:	D0 C	PROJECT STATE:	N Y

<p>VARIABLE</p> <p>MATRIX: A-WATER S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS</p> <p>WI-WIPES C-CASSETTES W-WASTE Q-OTHER</p>	<p>CONTAINER: P-PLASTIC G-GLASS V-VOA</p>
--	--

DATE	TIME	SAMPLED BY: (PRINT)	RELINQUISHED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECEIVED BY: (PRINT)	DATE	TIME	RECE
------	------	---------------------	--------------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	----------------------	------	------	------

FedEx® USA Airbill
Express

FedEx
Tracking
Number

8455 4997 2212

1 From Please print and print hard.

Date 3/18/06

Sender's FedEx
Account Number

~~000000000000~~

Sender's Name

ERIC ACS

Phone (908) 707-8874

Company

METCALF & EDDY INC

Address

1140 US HIGHWAY 22 # 101

City

BRIDGEWATER

State

NJ

ZIP

08807-2912

2 Your Internal Billing Reference

First 24 characters will appear on invoice.

OPTIONAL

0270544231

3 To

Recipient's Name

SAMPLE MANAGEMENT

Phone (781) 337 9334

Company

AMERISCI BOSTON

Address

8 SCHOOL STREET

To "HOLD" at FedEx location, print FedEx address.

We cannot deliver to P.O. boxes or F.O. ZIP codes.

Address

Weymouth

City

Weymouth

State

MA

ZIP

02189

Try online shipping at fedex.com

By using this Airbill you agree to the service conditions on the back of this Airbill and in our current Service Guide, including terms that limit our liability.
Questions? Visit our Web site at fedex.com
or call 1.800.Go.FedEx® 800.463.3338.

0270544231

Sender's Copy

4a Express Package Service

☒ FedEx Priority Overnight ☐ FedEx Standard Overnight ☐ Delivery commitment may be made in some areas.
☐ Next business morning ☐ Next business afternoon ☐ Delivery to select locations

4b Express Freight Service

☐ FedEx 2Day ☐ FedEx Express Saver ☐ Delivery commitment may be made in some areas.
☐ Second business day ☐ Third business day ☐ Next business day

5 Packaging

☐ FedEx Envelope* ☐ FedEx Pak* ☒ Other
☐ FedEx Envelope* ☐ FedEx Pak* ☒ Other

* Declared value limit \$500

6 Special Handling

☒ SATURDAY Delivery ☐ HOLD Weekday ☐ HOLD Saturday ☐ Available ONLY for FedEx Priority Overnight, FedEx 2Day, FedEx Standard Overnight, and FedEx First Overnight. Freight to select ZIP codes.
☐ Fragile ☐ Perishable ☐ High Value ☐ Other

Does this shipment contain dangerous goods?
☐ No ☐ Yes ☐ Shipper's Declaration ☐ Dry Ice ☐ Cargo Aircraft Only

Dangerous Goods (including Dry Ice) cannot be shipped in FedEx packaging.

7 Payment Bill to: ☐ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check

Enter FedEx Acct. No. or Credit Card No. below.

FedEx Acct. No. ☐ Credit Card No. ☐ Bill to: ☐ Recipient ☐ Third Party ☐ Cash/Check

Total Packages 1 Total Weight 20 Total Declared Value \$100.00

1 Your liability is limited to \$100 unless you declare a higher value. See back for details.

8 Release Signature Sign to authorize delivery without obtaining signature.

Signature

Date

447

METCALF & EDDY, INC.
1140 Route 22 East – Suite 101
Bridgewater, NJ 08807
Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job # 60004548.01	Date: 03/06/06
Project Name: Bayside Petroleum (DDC)	Time Arrived: 6:30
Location: Bushwick Creek Inlet, Brooklyn, NY	Time Departed: 15:00
Contractor on Site: Aquifer Drilling & Testing, Inc.	Weather: Clear & sunny
Contractor Equipment on Site: Track mounted drill rig and support truck	
DDC Subcontractor On-Site: Warren George	Temp: 30 – 40 °F
DDC Subcontractor Equipment: Drilling float with CME-55	
Activities:	
- Decontaminated the augers at BC-4 using a garden hose with a pressure nozzle connected to a fire hydrant located on Kent Avenue.	
- Advanced the borehole BC-5 to a depth of 45 ft bgs collecting split spoon soil samples continuously.	
- A soil sample was collected at BC-5 from 17 to 19 ft bgs (BC-5 17-19) that will be shipped to AmeriSci lab in Boston, MA for VOCs, SVOCs, PCBs, TAL Metals and Cyanide analyses. A split sample was collected for Longshore Environmental, Inc.	
- ADT crew introduced bentonite slurry into the borehole BC-5 at approximately 20 ft bgs to avoid heaving sands.	
- According to the Community Air Monitoring Plan (CAMP), a PID and a DataRAM (dust meter) were used onsite to screen the breathing zone and downgradient of the work area. No exceedances were noted on either of these instruments.	
Discrepancies: None	
Recommendations: None	
Contractor Forces & Equipment:	
<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required	
Recommendations:	
<input type="checkbox"/> Described <input type="checkbox"/> Attached <input checked="" type="checkbox"/> None	
Number of Attachments: Field Log	Signed: Sirish Musthyala
Continued on Back? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Distribution: Project Manager <input checked="" type="checkbox"/>	
File Original <input checked="" type="checkbox"/>	

03/06/06
 PROJECT: BUSHWACK CHECK 2000
 WITHIN: CLEAN & SUNNY 40-45°F

645
 ANALYZED WINTER.
 REFINED & ISSUED THE
 HABS.

720
 ALBERTA TRUCK A. IN IMPROVED
 OUT THE DISTANCE FOR THE
 NOT SCHEDULED BUSHWACK BUSHWACK

730
 WE CAME ARRIVED WINTER
 APT CAME ARRIVED WINTER
 APT CAME STARTED THE
 TORN DECK AND CLOTHES

745
 THE ALUMINUM LIGHT A WATER
 HOSE INTO THE BUSHWACK
 PHOTO DOCUMENTED THE ALUMINUM

820
 BELOW OPERATIONAL. IN C/W
 USUAL & HAZARD PHOTOGRAPH
 WASHED INSIDE OF A STEAM
 CATERPILLAR

850
 CAME COMPLETED BELOW OF
 ALUMINUM AT BUSHWACK BUSHWACK
 AND WERE RE-NOVATED TO
 BUSHWACK

905
 CAME COMPLETED CLOTHES

03/06/06
 THE BUSHWACK LIGHT BUSHWACK
 WENT TO BUSHWACK.
 930 CAME IN THE MARCH OF
 MORNING THE GATE TO BUSHWACK IN THE
 CLOTHES WERE INSIDE THE GATE TO
 MAKE THE ALUMINUM AND OTHER TO BUSHWACK
 FROM BUSHWACK TO BUSHWACK
 1000 STARTED BUSHWACK AT BUSHWACK
 1045 CAME WENT IN SOME BUSHWACK
 A ST. CAME IN TO BUSHWACK AND
 THE BUSHWACK TO BUSHWACK OF BUSHWACK
 IN WITH BUSHWACK AND
 HIS CAME A BUSHWACK 17-19 BUSHWACK
 1145 CAME BUSHWACK FOR CLOTHES
 1215 CAME STARTED TO WORK AFTER CLOTHES
 1300 CAME ADVANCED THE BUSHWACK BUSHWACK
 TO A DEPTH OF 3' BUSHWACK.
 1430 CAME ADVANCED THE BUSHWACK BUSHWACK
 TO A DEPTH OF 45 BUSHWACK.
 1505 LEFT THE SITE FOR THE DAY

my friend

METCALF & EDDY, INC.
1140 Route 22 East – Suite 101
Bridgewater, NJ 08807
Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job # 60004548.01	Date: 03/07/06
Project Name: Bayside Petroleum (DDC)	Time Arrived: 6:30
Location: Bushwick Creek Inlet, Brooklyn, NY	Time Departed: 15:00
Contractor on Site: Aquifer Drilling & Testing, Inc.	Weather: Clear & sunny
Contractor Equipment on Site: Track mounted drill rig and support truck	
DDC Subcontractor On-Site: Warren George	Temp: 30 – 40 °F
DDC Subcontractor Equipment: Drilling float with CME-55	
Activities:	
<ul style="list-style-type: none"> - Advanced the borehole BC-5 to a depth of 72 ft bgs collecting split spoon samples continuously to a depth of 51 ft bgs and at 5-foot intervals from 51 to 72 ft bgs. - A soil sample was collected at BC-5 from 55 to 57 ft bgs (BC-5 55-57) that will be shipped to AmeriSci lab in Boston, MA for VOCs, SVOCs, PCBs, TAL Metals, and Cyanide analyses. A split sample from the same depth was collected for Longshore Environmental, Inc. - Collected a field blank sample using a split spoon sampler. The sample was shipped to AmeriSci lab in Boston, MA for VOCs, SVOCs, PCBs, TAL Metals, and Cyanide analyses. - Clay layer detected at BC-5 in the split spoon sampler but was noticed while the augers were being pulled from the ground. The thickness of the clay layer was approximately 5 feet from 63 to 68 ft bgs. - Dave Kahn and Vanessa Brady from Longshore Environmental, Inc. were onsite to collect the split soil samples. - According to the Community Air Monitoring Plan (CAMP), a PID and a DataRAM (dust meter) were used onsite to screen the breathing zone and downgradient of the work area. No exceedances were noted on either of these instruments. 	
Discrepancies: None	
Recommendations: None	
Contractor Forces & Equipment:	
<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required	
Recommendations:	
<input type="checkbox"/> Described <input type="checkbox"/> Attached <input checked="" type="checkbox"/> None	
Number of Attachments: Field Log	Signed: Sirish Musthyala
Continued on Back? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Distribution: Project Manager <input checked="" type="checkbox"/>	
File Original <input checked="" type="checkbox"/>	

03/7/06

4.5 DRAINAGE ESTABLISHED THAT THE BOWTIE
GET HEARD 2.5 AFTER DUTY AND THE
NOTES HAVE TO COME TO A STOP AT THE

longer
soo. Kellson A. contacted me re the case
and suggested that I could provide
some of the records I had
on the case. I was not
sure if I could provide
the records, but I
agreed to try.

THEL LEFT WAS FOR ARMY CONTINGENTATION
-MILITARY ALSO MENTIONED THAT ON THE
CAREER OF COUNTRY WERE DOWN THEN
INTERVIEWED A INTERVIEWED AND PARTICIPATE

- ALL ON DRIVE TO REGION A THE < TOP
WILL BE STAY DOWN AND IN MARCH DO 2006
FOR HAS TACTICS FOR THE MORE
CONSIDERABLE!

11/15 COLLECTED A LOOSE SINGLE FROM SS-571564
AT BC-5
11/15 CREW ADVANCED THIS BOUTHOLD BC-1
TO A DEPTH OF 2' BLK.

1170 COLLECTED A LIZARD BUENOS SHAPPEE
PB 030706 USMA A LIZARD SP 05
GREEN SHAPPEE.

1165 NO CUBY 4/27/78 WAT W CONC WND AT

6 03/07/06

BC-5 EVEN AFTER ADVANCEMENT
THE PROXIMATE TO A DEPTH OF
92' BGS

- CREW STARTED TO PULL THE
AUGERS AND STALL THRU
IN THE BACK OF SUPPLEY
TRUCK. CREW WERE UNSTUCK
A DECON PAD TO CLEARED
THE AUGERS.

1215 DAVE KAHN, VANESSA BUECHT
FROM LONGSHORE ENV.
WERE ON SITE.

1245 CREW BOULE FOR WORK
- LABELED THE SOIL SAMPLES
AND STORED IN A COOLER

1315 CREW STARTED WORKING BOREHOLE
TO BLAKE THE BOREHOLE SET
- CORROKATED THE DRILL
CONTROLS AND ANOTHER DRUM.

- LABELED THE TWO DRUM
OF DRILL CONTROLS AS
BC-5-1 & BC-5-2.

1400 - BORER C. MOVED THE DRILL
BGS TO THE NEXT AVAILABLE
LOCATION BC-6.

03/07/06

1415 CREW OBTAINED UP THE SUPPLY TRUCK
AND MOVED TO BC-6 TO UNLOAD THE
SUPPLY EQUIPMENT.

1445 CREW WERE TALKING THE AUGERS
BACK TO OFFICIAL STAY FOR DECON.
WATERS SAID THE CREW DESIGNED HAVE
THE EQUIPMENT TO REPAIR THE
DECON PAD THEY WERE SET AT BY
TOMORROW.

- THE SUPPLY TRUCK HAD A FLAT
TIRE DUE TO ONE OF THE TIRES.
1500 ETAL HANDLED OVER THE SPOT
SOIL / KIDNEYSTONE SAMPLES TO DAVE K.
OF LONGSHORE ENV.

1510 LEFT THE SITE FOR THE DAY
1615 ARRIVED AT INDEX OF REUSE
THE DECON, NOT MOVED. SHIPPED THE
EQUIPMENT BLANK. AUGER, TO AMERICA
LABS AND BOSTON, MA.

1645 LEFT THE SITE OF REUSE -

by Smith



CHAIN OF CUSTODY RECORD

AMERISCI BOSTON
8 School Street ~ Weymouth, MA 02189
888.724.5221 Toll Free
781.337.9334 Phone ~ 781.337.7642 Fax

www.amerisci.com

AMERISCI Job No: _____
PAGE 1 OF 1
DUE DATE: _____
☐ 1 DAY ☐ 2 DAY ☐ 3 DAY ☒ 5 DAY ☐ 7 DAY ☐ 10 DAY
TEMP UPON RECEIPT: _____
DATA PACKAGE: _____
P.O.# _____

COMPANY: METCALF & EDDY INC.		ADDRESS: 1140 ROUTE 22 EAST, BLODDLEWATER NY 08807																									
PHONE: (908) 947 0274	FAX 1: (908) 707-8874	FAX 2: _____																									
CLIENT CONTACT: NELSON ABRAMS	EMAIL: NELSON.ABRAMS@M-L.AECOM.CO	PROJECT: _____																									
PROJECT NAME: BAYBREE PETROLEUM/BUSINESS CENTER	PROJECT NUMBER: 60004548.01	STATE: NY																									
MATRIX: A-WATER S-SOIL/SOLIDS	SL-SLUDGE	CONTAINER: P-PLASTIC																									
WI-WIPES C-CASSETTES	W-WASTE	O-OTHER																									
CONTAINER: _____		SAMPLING INFORMATION																									
LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	SIZE	TYPE	DATE	TIME	TECH	Notes:																			
K8030706	WATER 3-60004548.01	WATER	3	60004548.01	6	03/07/06	1130	MISC	X	X	X	X	X	MODIFIED ASPHALTIC													
T8030706	WATER 3-60004548.01	WATER	3	60004548.01	6	03/07/06	1130	MISC	X	X	X	X	X	MODIFIED ASPHALTIC													
<i>[Signature]</i>																											
SAMPLED BY: (PRINT) _____																											
RECEIVED BY: (PRINT) _____																											
DATE: 03/07/06																											
TIME: 1617																											
RELINQUISHED BY: (PRINT) _____																											
RECEIVED BY: (PRINT) _____																											
DATE: _____																											
TIME: _____																											
RELINQUISHED BY: (PRINT) _____																											
RECEIVED FOR LABORATORY BY: (PRINT) _____																											
DATE: _____																											
TIME: _____																											

METCALF & EDDY, INC.
1140 Route 22 East – Suite 101
Bridgewater, NJ 08807
Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job # 60004548.01	Date: 03/08/06
Project Name: Bayside Petroleum (DDC)	Time Arrived: 6:30
Location: Bushwick Creek Inlet, Brooklyn, NY	Time Departed: 15:00
Contractor on Site: Aquifer Drilling & Testing, Inc.	Weather: Clear & sunny
Contractor Equipment on Site: Track mounted drill rig and support truck	
DDC Subcontractor On-Site: Warren George	Temp: 30 – 40 °F
DDC Subcontractor Equipment: Drilling float with CME-55	
Activities:	
<ul style="list-style-type: none"> - Advanced the borehole BC-6 to a depth of 45 ft bgs collecting split spoon soil samples continuously. A total of 20 split spoon samples were collected today. - A soil sample was collected at BC-6 from 19 to 21 ft bgs (BC-6 19-21) that will be submitted to the lab for VOCs, SVOCs, PCBs, TAL Metals and Cyanide analyses. - ADT crew introduced bentonite slurry into the borehole BC-6 at approximately 17 ft bgs to avoid heaving sands. - ADT crew setup a decontamination pad next to the site entrance gate. - ADT crew decontaminated the augers on the decon pad before using them in borehole BC-6. - According to the Community Air Monitoring Plan (CAMP), a PID and a DataRAM (dust meter) were used onsite to screen the breathing zone and downgradient of the work area. No exceedances were noted on either of these instruments. 	
Discrepancies: None	
Recommendations: None	
Contractor Forces & Equipment:	
<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required	
Recommendations:	
<input type="checkbox"/> Described <input type="checkbox"/> Attached <input checked="" type="checkbox"/> None	
Number of Attachments: Field Log	Signed: Sirish Musthyala
Continued on Back? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Distribution: Project Manager <input checked="" type="checkbox"/>	
File Original <input checked="" type="checkbox"/>	

08/08/06

PROJECT: BUSHWELL CREEK BRIDGE
WITH: CLARA JERRY WISE

635 ARRIVED ON SITE
655 ADT CREW WTS ON SITE.
CREW PLAN TO SET UP THE DRAIN
PAD NEAR TO THE EXISTING WARE
670 W6 CREW WTS ON SITE.
ADT CREW IN THE PROCESS
OF SETTING UP THE DRAIN PAD
W/TA DENTEC SYSTEM AND 4" PVC
PEPPI.
THE GARDEN HAVE WTS KNOWN
AND HAD TO TAKE IT TO THE
DRAIN AREA TO TAKE IT OUT.
830 CONNECTED THE GARDEN HOLE
TO THE GARE HYDRANT ON
LEON AVENUE AND CREW
STARTED TO DECON THE ASBEST.
THAT DOCUMENTED THE DECONSTR
AND OPERATING ON.
900 CREW COATED UP THE SUPPORT
FLOW WITH CEMENT
AND MOVED TO BENTLEY
BL-6.

08/08/06

915 CREW STARTED DRAINAGE AT BL-6
950 GROUP OF PEOPLE CAME THROUGH THE
PUMP CAFE AND LEFT IN A
RED CAR.
1040 CREW W/TALE BOONSTER (LORD) TO
BE INTRODUCED INTO THE BENTLEY TO
ADT AND HENRY.
1050 CREW INTRODUCED BENTLEY (LORD)
IN THE BENTLEY BL-6
1115 COMPLETED A 100' LAYOUT AT
BL-6 FROM 19-21' BL.
1215 CREW ARRIVE FOR LUNCH
1245 CREW STARTED TO DRAIN AT BL-6
38' BL.
1430 CREW ADVANCED THE GROUND BL-6
TO A DEPTH OF 45' BL.
CREW STARTED TO DRAIN AND
CHECK THE BENTLEY BL-6 AREA
FOR THE W/TA. GARDEN HOLE
SUPPORT TUBING
1450 LEFT THE SITE FOR THE DAY

M. Stinson

METCALF & EDDY, INC.
1140 Route 22 East – Suite 101
Bridgewater, NJ 08807
Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job # 60004548.01	Date: 03/09/06
Project Name: Bayside Petroleum (DDC)	Time Arrived: 6:30
Location: Bushwick Creek Inlet, Brooklyn, NY	Time Departed: 15:00
Contractor on Site: Aquifer Drilling & Testing, Inc.	Weather: Overcast and
Contractor Equipment on Site: Track mounted drill rig and support truck	occasional drizzle
DDC Subcontractor On-Site: Warren George	Temp: 40 – 50 °F
DDC Subcontractor Equipment: Drilling float with CME-55	
Activities:	
<ul style="list-style-type: none"> - Advanced and completed the borehole BC-6 to a depth of 69 ft bgs collecting split spoon soil samples continuously to a depth of 51 ft bgs and at 5-foot intervals from 51 to 69 ft bgs. - A soil sample was collected at BC-6 from 60 to 62 ft bgs (BC-6 60-62). The soil sample recorded a reading of 29 ppm on the PID but no odor was associated with it. A split sample was also collected for Longshore Environmental, Inc. - ADT crew grouted the borehole and containerized the drill cuttings into two 55-gallon drums. - ADT crew setup the drill rig at borehole BC-2 before the end of the day. - ADT crew unloaded the augers at the decon pad and realized that someone stole ADT's adapter from the fire hydrant. - According to ADT, another adapter to the fire hydrant will be brought in from the shop so that the augers can be decontaminated in the morning. - According to the Community Air Monitoring Plan (CAMP), a PID and a DataRAM (dust meter) were used onsite to screen the breathing zone and downgradient of the work area. No exceedances were noted on either of these instruments. 	
Discrepancies: None	
Recommendations: None	
Contractor Forces & Equipment:	
<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required	
Recommendations:	
<input type="checkbox"/> Described <input type="checkbox"/> Attached <input checked="" type="checkbox"/> None	
Number of Attachments: Field Log	Signed: Sirish Musthyala
Continued on Back? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Distribution: Project Manager <input checked="" type="checkbox"/>	
File Original <input checked="" type="checkbox"/>	

10/3/66

10/3/66

PROJECT: BUSBYVILLE CREEK	7:45	COMPLETED PULVERIN THE ALIENS CROW
WEATHER: OVERCAST, OCCASIONAL DRIZZLE		RECAPTURE BC-6
		- CLOUTED THE IS ORACLE AND
6:00 ARRIVED ON SITE.		UNITED BY THIS SPONGE PUNCH
7:15 ADT CROW ANALYSIS ON SITE		AN THE EQUIPMENT.
7:20 WC CROW ANALYSIS ON SITE.		315 MOUND THE ISCH TO BC-2.
7:45 CROW SAMPLED PULVERIN AT		UNBANDS THE EQUIPMENT FROM THE
BC-6 FROM 45' BAS.		SUPPOSED TO BE AT BC-2 AND
8:30 INSTRUCTED CROW TO COLLECT		SHOWS THE ALIENS TO THE
SPECS SPAN SAMPLE AT 5'-120'		DECON PAD NEAR THE EQUIPMENT
CONFIRMING WITH THE 49-57'		CROW.
SPECS SPAN SAMPLE WITH		400 CROW SPANSED TO DECON THE ALIENS
COLLECTED		ON THE DECON PAD WITH A
9:30 COLLECTED A SOIL SAMPLE AT		THE CONNECTED TO A FINE HYDRANT
BC-6 FROM 50-62' BAS - THE		ON KENT AVENUE.
SAMPLE HAD A PAD NEARBY		- CROW RETURNED THAT SOMEONE
OF 29' BAS.		STORE THEIR DIAPYCN CONNECTED TO
- IN STANDED CROW TO COLLECT		THE FINE HYDRANT AND WALK
ANOTHER SAMPLE FROM 62-64' BAS		WENT ANOTHER ONE TOMORROW
- NO PAD NEARBY WAS RETURNED		MORNING.
2:00 PM 62-64' BAS SOIL SAMPLE		14:00 ADT CROW LEFT THE SITE FOR
COMPLETED ADVANCEMENT		THE DAY SINCE THEY COULD NOT
PROBABLE BC-6 TO A		DECON FURNISH THEIR TICKETS
DEPTA OF 69' BAS.		- COMPLETED THE DAY UP FINE DECON
11:45-12:15 UNKNT.		- LABORED THE WORK SAMPLE 11 Aug

12/09/06

30/06



collected them as the sample
TAC from HPT.

WENT AROUND THE SITE
AND LABELED THE DRAIN
GENERATED AT BOUTHAUF
BC-3 4.546.

BC-3	4,546.
------	--------

A Survey	CREW	puum
TDC	was	only 7.

Completed the Drum
inspections

KEEP THE UP FOR THE
DAY AFTER RECOVER THE
KNOWS WATER.

by Shirley

TRIP: BATHING CREEK, BATHING
 WEATHER: OVERCAST 50-60°F.

~~6~~ ~~ANALYZED~~ on Sept.

10. ~~AD~~ crew with on site
11. ~~AD~~ crew with on site

15. ~~15~~ a crew with 20 people

20 API CREW STARTED TO SET UP
TO BEGIN THE AUGERS ON

~~THE DECORATION~~
~~AND THE DECORATION~~

4000 PARKWAY A DUNELM UNIVERSITY - 09/20/2020

for the ~~Drum~~ ~~low cost~~.

115 knew ~~spoke~~ to have a good
for ~~nothing~~ even ~~nothing~~ as 1-2

87 of 2000s
Zouk for DC-3

TO THE DEAN ~~AND~~ NO CLEAN THEM

you could complete them or start to let the books go into the library

~~LET OF WAXES AND STAIN TO~~

maximize A $BC-2$

900 new started ~~new~~ ~~at~~ BC-2

- EN/CONTINUED

2.5. Bai And The Global

[illegible]

2. WEEK 18 CAF ZONTIM ATZONT DZUK DZUK

1. Wiederholung 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838.

15th Aug 1957

10

METCALF & EDDY, INC.
1140 Route 22 East – Suite 101
Bridgewater, NJ 08807
Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job # 60004548.01	Date: 03/10/06
Project Name: Bayside Petroleum (DDC)	Time Arrived: 6:30
Location: Bushwick Creek Inlet, Brooklyn, NY	Time Departed: 15:00
Contractor on Site: Aquifer Drilling & Testing, Inc.	Weather: Overcast drizzle to
Contractor Equipment on Site: Track mounted drill rig and support truck	Sunny in the afternoon
DDC Subcontractor On-Site: Warren George	Temp: 40 – 60 °F
DDC Subcontractor Equipment: Drilling float with CME-55	
Activities:	
- ADT crew decontaminated two sets of augers on the decon pad in the morning.	
- Borehole BC-2 was relocated 5 feet to the east since an obstruction was encountered in the initially cleared borehole at approximately 3.5 ft bgs.	
- Advanced the borehole BC-2 to a depth of 35 ft bgs collecting split spoon soil sample continuously. The PID readings within the headspace of the soil samples collected from 5 to 23 ft bgs ranged from 6 to 236 ppm.	
- A soil sample was collected at BC-2 from 9 to 11 ft bgs (BC-2 9-11) with a duplicate sample (BC-2D 9-11) and a split sample collected for Longshore Environmental, Inc.	
- Vanessa Brady from Longshore Environmental, Inc. was onsite to pickup the split soil/sediment samples.	
- ADT crew introduced bentonite slurry into the borehole BC-2 at approximately 25 ft bgs to avoid heaving sands.	
- According to the Community Air Monitoring Plan (CAMP), a PID and a DataRAM (dust meter) were used onsite to screen the breathing zone and downgradient of the work area. No exceedances were noted on either of these instruments.	
Discrepancies: None	
Recommendations: None	
Contractor Forces & Equipment:	
<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required	
Recommendations:	
<input type="checkbox"/> Described <input type="checkbox"/> Attached <input checked="" type="checkbox"/> None	
Number of Attachments: Field Log	Signed: Sirish Musthyala
Continued on Back? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Distribution: Project Manager <input checked="" type="checkbox"/>	
File Original <input checked="" type="checkbox"/>	

12/09/06

13

COLLECTED THEM IN THE SAMPLE
TRACED THEM

1420 WORK AROUND THE SITE
AND LABELED THE DRAWN
GENERATION AT BOWTHORPE
BC-34, 546.

1430 A SURVEY CREW FROM
DDC WAS ON SITE.

1445 COMPLETED THE DRAWN
INVESTIGATION.

1500 LEFT THE SITE FOR THE
DAY AFTER RECONSTRUCTING THE
FLOOD GATE.

by S. Smith

31/06/06

NOTED: BATHURST CREEK AND T. BOWTHORPE
WEATHER: OVERCAST 50-60°F.

6:45 AM ARRIVED ON SITE.

7:00 AM CREW WAS ON SITE

7:15 AM CREW WAS ON SITE

7:30 AM CREW STARTED TO SET UP
TO DEMONSTRATE THE ALLEGED ON

THE DEMONSTRATION
7:40 PERFORMED A DEMONSTRATION OF
ALL THE DRAWN ON SITE.

8:15 CREW STARTED TO MAKE A SECOND
SET OF DRAWN FROM BOWTHORPE AS-1-3

8:30 THE DEMONSTRATION TO CLEAR THE
8:40 CREW COMPLETED DEMONSTRATION OF SECOND
SET OF DRAWN AND STARTED TO
MOVE BACK AT BC-2

9:00 CREW STARTED DEMONSTRATION AT BC-2
- ENCOUNTERED AN OBSTRUCTION AT
BC-2 AND THE ALLEGED DEMONSTRATION TO
BE UNUSABLE AND A BACKUP/CONVERT.

- CREW HAD TO HAVE ANOTHER AND
IMMEDIATELY FROM BOWTHORPE DEMONSTRATION
AND RESTARTED.

- LEFT A MESSAGE FOR S. SMITH AT 2:00

143/1016

WENT TO THE HANNA CREEK
 OF THE BENTONITE BY ADT
 945 WENT APPROXIMATELY 500 YDS OF
 BC-2 TO RELOCATE THE BENTONITE.
 1000 CLEARED THE MUDFLATS NEAR BC-2
 TO A DEPTH OF 5 FEET AND STARTED
 TO DIG THE SPONGE STRIP (S)
 1030 COLLECTED A SOLE SAMPLE FROM
 BC-2 9-11 GAT. ALSO COLLECTED
 A DEEPER AND A SPAR SAMPLE
 FOR ANALYTICAL ENV.
 1145 CREW APPROVED THE PLACE TO A
 DEPTH OF 19 INCHES AND GAVE
 FOR LUNCH.
 - VANESSA STARTED FROM
 POWERSHORE RV. WITH MIGHT
 1215 CREW STARTED MUDFLAT TAKEN.
 1245 CREW STARTED MUDFLAT SAMPLE
 (CORRECT AND INSPECTED CAMP
 THE BENTONITE BC-2 TO ADT
 HENUSULA SAMPLE.
 1345 COLLECTED SOLE SOLE FROM DUELL
 COLLECTED AT BC-2 FOR A
 CAMPBELL E DAILY SAMPLE.
 1420 CREW APPROVED THE

144/1016

WENT TO A DEPTH OF
 550 YDS
 415 HANDED OVER THE SPIT SOLE
 SAMPLES TO ANALYTICAL ENV.
 1245 SAMPLES
 TOOK THE SITE FOR THE DAY.

Any
 5:30 PM

METCALF & EDDY, INC.
1140 Route 22 East – Suite 101
Bridgewater, NJ 08807
Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job # 60004548.01	Date: 03/13/06
Project Name: Bayside Petroleum (DDC)	Time Arrived: 6:30
Location: Bushwick Creek Inlet, Brooklyn, NY	Time Departed: 15:00
Contractor on Site: Aquifer Drilling & Testing, Inc.	Weather: Overcast drizzle to
Contractor Equipment on Site: Track mounted drill rig and support truck	Sunny in the afternoon
DDC Subcontractor On-Site: Warren George	Temp: 40 – 60 °F
DDC Subcontractor Equipment: Drilling float with CME-55	
Activities:	
<ul style="list-style-type: none"> - Advanced and completed the borehole BC-2 to a depth of 71 ft bgs collecting split spoon soil samples continuously to a depth of 51 ft bgs and at 5-foot intervals from 51 to 71 ft bgs. - A soil sample was collected at BC-2 from 60 to 62 ft bgs (BC-2 60-62) that will be submitted to the lab for VOCs, SVOCs, PCBs, TAL Metals, and Cyanide analyses. A split sample from the same depth was collected for Longshore Environmental, Inc. - ADT crew grouted the borehole with a mixture of Portland cement and bentonite slurry. The drill cuttings and decon water were contained into two 55-gallon drums from borehole BC-2. - ADT crew decontaminated the augers used at BC-2 on the decon pad using a pressure washer. - Rohan Green (ADT Driller helper) had a splinter on one of his fingers while cleaning the augers that were being pulled out from the ground. A piece of metal got stuck on his finger that was pulled out by the driller. The injured area was cleaned using rubbing alcohol and hydrogen peroxide before applying a first aid bandage. Rohan got back to work after first aid was applied - According to the Community Air Monitoring Plan (CAMP), a PID and a DataRAM (dust meter) were used onsite to screen the breathing zone and downgradient of the work area. No exceedances were noted on either of these instruments. 	
Discrepancies: None	
Recommendations: None	
Contractor Forces & Equipment:	
<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required	
Recommendations:	
<input type="checkbox"/> Described <input type="checkbox"/> Attached <input checked="" type="checkbox"/> None	
Number of Attachments: Field Log	Signed: Sirish Musthyala
Continued on Back? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Distribution: Project Manager <input checked="" type="checkbox"/>	
File Original <input checked="" type="checkbox"/>	

05/12/06

Project: BUSHWICK CREEK ZOOLOGICAL
WEATHER: 50-60 F

645 SPARKED ON SITE.

655 ADT MEN WERE ON SITE.

715 MEN ROVED THE DRELLER

AND STARTED IT UP.

930 CROW INCONTINENT HEAVEN

SAND AT BC-2 AT APPROX.

45' BAS. ADDED SOME MORE

CONTINUED SURVEY.

970 INVESTIGATED CROW TO MOUND

AT 5-FOOT INCONTINENT AT-TEN

CONCRETE DE 49-57' IS

SILVER SPOON SAMPLE.

1015 CONCRETE A SEAL SAMPLE

FROM 62-61' AND A SPOT

SAMPLE FOR COWA SPOT

CONV.

1030 SPOT VERA NELSON A. (MIF)

AND INDICATED THAT THE

DRAIN IS A CROW CONSIDERED

MOUND TO BC-7/BC-8 AND

WETNESS AT 4 PITCHWOOD/OK

BY THURSDAY MOUND.

05/12/06

730 ADVANCED THE BUSHWICK BC-2 TO A
DEPTH OF 71863.

745 CROW BARE FOR UNWELL

755 CROW BACK IN ON LUNAR

- STARTED TO POUR THE ADOCKY KNO

THE GROUND AT BC-2

750 PULLED CROW HAD THIS FARMER WARE

POUNCE OUT THE ADOCKY FROM THIS

CROWNS A DEED IF MIFC SPOT

JUMP HAS FARMER WARE CROWNS THIS

ADULT.

780 LEFT THE SITE TO BUCK HYDROGEN

POUNCE & MURDER A FIGHT.

785 AROUND ON LEFT MIFC WED ALCOHOL

AND APPROVED PULLED TO WITH

THE WINDS. APPROVED A BUSHWICK ON

THE PULLED WIND AND LEFT BACK

TO WORK.

840 PULLED ALL THE ADOCKY OUT OF THE

GROUND AND STAYED THERE IN

THE BACK OF THE SUPPORT TRUCK

- CONTINUED THE DECK WITH A

REDMATE PULLED FROM THE PULLED

CROWNS. TWO 51 CROWNS DROPPED

WIND CROWNS AT BC-2

18 08/13/06

1400 CREW RANLED THE DRAW AREA
AT BC-1
- MOVED ALL THE DANGY
AWAY TO THE DRAW PAD
AND CLEANED THEM UP
A WALKING PAIR CONNECTED
TO A FENCE H-7 HAWK.
1440 A D7 CREW LEFT THE SITE
FOR THE DAY.
1500 LEFT THE SITE FOR THE
DAY

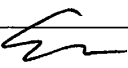
My Sister Ann

8/14/06

~~PROJECT: BUSHWICK CREEK DRAINAGE, BUSHWICK
WATER: LAGUNA RIVER CO. 50°F
715 ANALYZED AND SEPT.
720 WERE CALLED UP ON SITE
745 THE CREW WERE ON SITE.
755 CREW WERE TO LEAVE THE SITE
TRUCK WITH CLEAN AUGERS.
- PLANT UP FERTILIZER TOOLS AND
EQUIPMENT WERE LEFT AND BLANKET THE
SUPPORT TOWER TO BC-1
GOOD STARTED THE WORK AT BC-1
THE TRUCK WERE THE 15 OF AUGUST
AND HE WENT TO THE SITE FOR THE
WALKING PAIR AS BC-1 WERE OFF THE AUGUST
WENT NOT WORK IN BUSHWICK DUE
TO LOW CLOUDS AND AT APPROX. 6:30 PM.
745 CREW WERE CALLED UP WITH
TO THE AUGUST AND HE WENT TO
LEFT BY OTHER FROM HERE.
760 JIM CAMP AND JIM (DOD) WERE
TO START BUSHWICK (C-1) WERE
JIM WERE THAT HE IS YET TO
LEFT FROM WORKING AUGUST TO AUGUST
TO BC-1 & BC-2.~~

METCALF & EDDY, INC.
 1140 Route 22 East - Suite 101
 Bridgewater, NJ 08807
 Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job # 6000 4548.01	Date: 3/13/06
Project Name: BAYSIDE PETROLEUM - KENT AVE	Time Arrived: 6:30
Location: BROOKLYN NY - BATHWICK CREEK INLET	Time Departed: 15:00
Contractor on Site: WARREN GEORGE	Weather: OVERCAST - SUNNY
Contractor Equipment on Site: DRILLING FLOAT W/ CME 55	FDG + AM
M&E Subcontractor On-Site: ADT	Temp: 40's - 50's
M&E Subcontractor Equipment: TRUCK MOUNTED DRILL RIG	
Activities:	
<p>WARREN GEORGE DRILLED BORING BCS-7 TO 50' FROM MUDLINE WHERE THE CLAY WAS ENCOUNTERED @ 49'. SAMPLE BCS-7 44-46 WAS COLLECTED AND SPLIT ENTIRELY WITH LONGSHORE ENVIRONMENTAL. NO PID READINGS WERE OBTAINED FOR THE ENTIRE BORING.</p> <p>WARREN GEORGE GROUNDED THE BUREAU AND PULLED THE RODS + CASINGS + DECORATED THEM DRUMMED SOIL CUTTINGS AND DECON WATER. THEN THEY MOVED THE FLOAT TO THE BCS-8 LOCATION. THE BORING WAS LOCATED APPROXIMATELY 10' TOWARDS THE RIVER FROM THE ESTIMATED LOCATION BECAUSE OF A NEARBY DOCK.</p> <p>WARREN GEORGE DRILLED BCS-8 TO 34' BELOW MUDLINE. THE BORING APPEARS TO HAVE MORE MUD, FROM 0'-26'. SAMPLE BCS-8 24-26 WAS TAKEN FOR LABORATORY ANALYSIS AND SPLIT ENTIRELY WITH LONGSHORE ENVIRONMENTAL. THE BORING WAS LEFT FOR THE DAY AT 34' (CONTINUED TOMORROW).</p> <p>ADT COMPLETED BORING BC-2 TO 71'. BC-2 60-62 WAS COLLECTED FOR LABORATORY ANALYSIS + SPLIT ENTIRELY WITH LONGSHORE ENVIRONMENTAL.</p> <p>ADT MOVED THE RIG TO THE BC-1 LOCATION BUT DID NOT DRILL IT. THEY DECORATED AUGERS FOR THIS BUREAU + DRUMMED UP BC-2 CUTTINGS.</p>	
Contractor Forces & Equipment: THEY ALSO GROUNDED BC-2	
<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required	
Recommendations:	
<input type="checkbox"/> Described <input type="checkbox"/> Attached <input checked="" type="checkbox"/> None	
Number of Attachments: None	
Signed: 	
Continued on Back? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Distribution: Project Manager <input checked="" type="checkbox"/> NELSON PEROMAS	
Others	
File Original <input checked="" type="checkbox"/>	

Location BROOKLYN NY Date 3/10/06Project / Client DDC - NYC
BUSINESS CENTER MEET

1445 - ALL OFFER

ADT DECORATED PRECINCT

MOVED TO THE BC-2 LOCATION

BC-2 WAS BECOMING DUE TO

AN OBSTRUCTION, THE ANTERIOR

WAS DRILLED TO 35'

THE SAMPLE BC-2 9-11 WAS

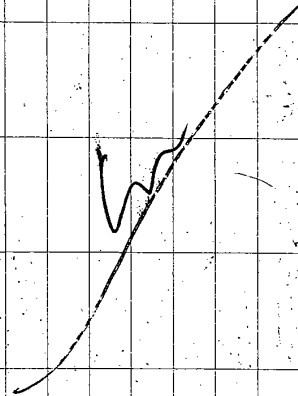
COLLECTED + QUANTIFIED

LONGSHORE ENVIRONMENTAL RECEIVED

+ SPLIT FROM THIS MATERIAL

WINTERST BOOTH COLLECTED ALL

LONGSHORE ENVIRONMENTAL SAMPLES

Location BROOKLYN NY Date 3/13/06Project / Client DDC - NYC
BUSINESS CENTER MEETWEATHER FOG (M) OVERCAST
40s - 50s NO WIND - SUNNYPERSONNEL 9 A's5 MUSEUMS MTA5 UNDERGROUND WATER3 VERANDAS GRASS13 CRUISE ADTR GREEN6:00 CRUISE 2 P.O.s SPAN = 100 ftCRUISE MPA 0.00 g/s/m6:30 CRUISE MPA6:50 ADT OFFSHORE - WILL CONTINUEBC-27:20 UNDERGROUND GRASS

Location BROOKLYN NY Date 3/13/06
 Project / Client DDC NYC
BUSHNICK GREEN MANS

8:00 CONTINUE ON BUREAU
 BCS-7 FROM 42'

8:45 HOLE COLLAPSE - BEGINS TO INSTALL
 3" THICK 4" CASING - (4" CASING
 WAS STAMPED @ BARDON)

9:30 DOWN 46' NO PID READINGS

10:00 - DOWN 50' NO PID READINGS

10:10 SAMPLE BCS-7 44-46 FOR
 LABORATORY, SPIN AND UNESHADE
 (ENRGE SIMPLE SOME)
 CUMULATIVE DEPTH 47 48' (FROM

MUDLINE - NO PID READING
 FOR THE ENTIRE BOREHOLE TO
 50'

10:15 BEGIN TO PULL RODS & CASING
 7 GROUT BOREHOLE

10:35 RODS OUT/CASING OUT BEGIN
 TO DECON DRILLING TOOLS

Location BROOKLYN NY Date 3/13/06
 Project / Client DDC-NYC
BUSHNICK GREEN MANS

11:00 DECON COMPLETE, DOWN
 SOIL CONTAINER & DECON MANS
 MOVE EQUIP TO BCS-8 LOCATION

11:40 MORE COMPLETE SET UP
 TO DRILL BOREHOLE MOVED TO
 APPROXIMATELY 10' THICKNESS RETURN
 BECAUSE OF LARGE DECK (CANT
 GET TO CLOSE)

12:40 DOWN 14' IN BCS-8 NO PID
 READINGS

13:20 DOWN 26' IN BCS-8 NO
 PID READING. VERY THICK
 MUD LAYER

13:20 SAMPLE BCS-8 24-26
 FOR LABORATORY SAMPLE AND
 NO PID READING BUT SMELLS OF
 ORGANICS. THIS SAMPLE WAS
 SET ENTIRELY WITH LOGGERS
 ENVIRONMENTAL

METCALF & EDDY, INC.
1140 Route 22 East – Suite 101
Bridgewater, NJ 08807
Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job # 60004548.01	Date: 03/13/06
Project Name: Bayside Petroleum (DDC)	Time Arrived: 6:30
Location: Bushwick Creek Inlet, Brooklyn, NY	Time Departed: 15:00
Contractor on Site: Aquifer Drilling & Testing, Inc.	Weather: Overcast drizzle to
Contractor Equipment on Site: Track mounted drill rig and support truck	Sunny in the afternoon
DDC Subcontractor On-Site: Warren George	Temp: 40 – 60 °F
DDC Subcontractor Equipment: Drilling float with CME-55	
Activities:	
<ul style="list-style-type: none"> - Advanced and completed the borehole BC-2 to a depth of 71 ft bgs collecting split spoon soil samples continuously to a depth of 51 ft bgs and at 5-foot intervals from 51 to 71 ft bgs. - A soil sample was collected at BC-2 from 60 to 62 ft bgs (BC-2 60-62) that will be submitted to the lab for VOCs, SVOCs, PCBs, TAL Metals, and Cyanide analyses. A split sample from the same depth was collected for Longshore Environmental, Inc. - ADT crew grouted the borehole with a mixture of Portland cement and bentonite slurry. The drill cuttings and decon water were contained into two 55-gallon drums from borehole BC-2. - ADT crew decontaminated the augers used at BC-2 on the decon pad using a pressure washer. - Rohan Green (ADT Driller helper) had a splinter on one of his fingers while cleaning the augers that were being pulled out from the ground. A piece of metal got stuck on his finger that was pulled out by the driller. The injured area was cleaned using rubbing alcohol and hydrogen peroxide before applying a first aid bandage. Rohan got back to work after first aid was applied - According to the Community Air Monitoring Plan (CAMP), a PID and a DataRAM (dust meter) were used onsite to screen the breathing zone and downgradient of the work area. No exceedances were noted on either of these instruments. 	
Discrepancies: None	
Recommendations: None	
Contractor Forces & Equipment:	
<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required	
Recommendations:	
<input type="checkbox"/> Described <input type="checkbox"/> Attached <input checked="" type="checkbox"/> None	
Number of Attachments: Field Log	Signed: Sirish Musthyala
Continued on Back? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Distribution: Project Manager <input checked="" type="checkbox"/>	
File Original <input checked="" type="checkbox"/>	

18 2212106

90 11/15

91

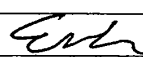
[illegible]

1400	CNEW PLANTED	THE	NEW REG
	AT BC-1		
	- HOURS	ALL	THE DANCY
	ADDED TO	THE	DETON PAB
	AND (LINES)	THRU	UPON
	A WALL WAS	HOSE	CANVASED
	TO A	PAINT	APPLICATION.
1440	AFTER	CNEW LEFT	THE SITE
	FOR	THE DAY.	
1500	LEFT	THE SITE	FOR THE
	DAY		

ny. Sister Anne

METCALF & EDDY, INC.
1140 Route 22 East - Suite 101
Bridgewater, NJ 08807
Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job #	6000 4548.01	Date:	3/14/06
Project Name:	BAYSIDE PETROLEUM / BUSHWALK CREEK INLET	Time Arrived:	7:00
Location:	BROOKLYN NY - KENT AVE	Time Departed:	15:00
Contractor on Site:	WARREN GEORGE	Weather:	RAIN (AM)
Contractor Equipment on Site:	DRILLING FLOAT / W CME-55	OVERCAST - M SUNNY LIGHT WIND - VERY WINDY	
M&E Subcontractor On-Site:	ADT	Temp:	40's - 50's
M&E Subcontractor Equipment:	TRUCK MOUNTED DRILL RIG		
Activities:			
WARREN GEORGE COMPLETES BCS-8 TO A DEPTH OF 52' (FROM MUDLINE) THE RED CLAY WAS ENCOUNTERED AT 51.5'. NO PID READINGS WERE OBTAINED FOR THE ENTIRE BOREHOLE. SAMPLE BCS-8 48-50 WAS TAKEN FOR LABORATORY ANALYSIS. THIS SAMPLE WAS SPLIT ENTIRELY WITH LONGSHORE ENVIRONMENTAL.			
WARREN GEORGE GROUNDED THE BOREHOLE, PULLED CASING + RODS, AND DECONED THE DRILLING TOOLS (RODS + CASING). THEY DRUMMED SOIL CUTTINGS + DECON WATER.			
THE WATER HAD BECOME TOO ROUGH TO MOVE THE FLOAT TO THE NEXT BOREHOLE LOCATION WITH A SMALL BOAT PUSHING IT. WINDS WERE STRONG, GENERATING 1' WAVES + WHITECAPS. IT WAS DECIDED FOR SAFETY SAKES TO MOVE TOMMOROW MORNING IF THE WINDS CAME DOWN. WARREN GEORGE LEFT SITE @ 14:00.			
ADT DRILLED BC-1 TO A DEPTH OF 39'. SAMPLE BC-1 21-23 WAS TAKEN FOR LABORATORY ANALYSIS AND FULLY SPLIT WITH LONGSHORE ENVIRONMENTAL. THE BORING WILL BE CONTINUED TOMMOROW. SAMPLE BC-1 21-22 HAD SOME PID READINGS.			
Contractor Forces & Equipment:			
<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required			
Recommendations:			
<input type="checkbox"/> Described <input type="checkbox"/> Attached <input checked="" type="checkbox"/> None			
Number of Attachments: None		Signed: 	
Continued on Back? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Distribution: Project Manager <input checked="" type="checkbox"/> NELSON ABRAMS			
Others			
File Original <input checked="" type="checkbox"/>			

Location BROOKLYN NY Date 3/13/06
 Project / Client DDC-NYC

BUSHTICK CREEK INDET

14:30 DOWN 34' FROM MIDDLE
 IN BCS-8 NO P.D. REMAIN
 TO DEPTH 34' FOR ENTIRE
 BORING
 PACK UP TOOLS FOR THE DAY

15:00 PUL APPROPRIATE
 AD-7 COMPLETE BORING BC-2
 TO 71' BC-2 60-62
 WAS COLLECTED FOR LABORATORY
 ANALYSIS & SPIN WITH LONGSHORE
 NOT CLEANED AROUND AND
 SET UP ON BC-1 BOT END
 NOT DONE 17

11.5
 11.0

Location BROOKLYN NY Date 3/14/06
 Project / Client DDC-NYC

BUSHTICK CREEK INDET

WEATHER RAIN AM QUARANT
M. BUNNY PM 40S-50S
LIGHT WIND → STABLE WIND (AM)

PERSONNEL - S. A'S
S. MUSTAPPA MAZ
S. LUDDECKI J. WARRICK
B. VERPANT
B. CRUZ → AD-7
R. GREEN
J. ROME -DDC
~11:00 - RICE

5:00 ON 1000712PID S. SPIN = 100 ppm
ON BORN MIE = 0.00mg/m³

7:00 more onsite
 7:20 WARRICK comes onsite

7:45 continue to drill BCS-8
From 34' (From abandoned)

Location BROOKLYN NY Date 3/13/06
 Project / Client DDC - NYC

BUSHTICK CREEK INLET

14:30 DOWN 34' FROM MIDDLE
 IN BCS-8 NO P.D. REMAIN
 TO DEPTH 34' FOR ENTIRE
 BORING
 PACK UP TOOLS FOR THE DAY

15:00 POL APPROX
 AD-7 COMPLETE BOREHOLE BC-2
 TO 71' BC-2 GO-62
 WAS COLLECTED FOR LABORATORY
 ANALYSIS & SPIN WITH LONGSHORE
 NOT CLEANED AROUND AND
 SET UP ON BC-1 BOT END
 NOT DONE IT

11.5
 11.0

Location BROOKLYN NY Date 3/14/06
 Project / Client DDC - NYC

BUSHTICK CREEK INLET

WEATHER	RAIN AM	QUICKEN
	M. SUNNY PM	40S-50S
	LIGHT WIND	→ STORM WIND (AM)
PERSONNEL	- S. AGS	→ MIE
	S. MUSTAMANT	
	S. LUDDECKI	→ SUMNER/LODGE
	B. VERPANT	
	B. CLUZ	→ AD-7
	R. GREEN	
	J. ROMELO	-DDC
		~11:00 - RICE
5:00	DR. 188874 2PID	SPIN = 100 ppm
	CHARGE MIE	= 0.00mg/m ³
7:00	MIE ON SITE	
7:20	WAGMAN LENSES ON SITE	
7:45	CONTINUA TO DEEP BCS-8	
	Flam 34' (Flam Advanced)	

Location BROOKLYN NY Date 3/14/06Project / Client DIC NYCBUSHWICK CREEK NEAR

9:20	DOWN TO 38' IN BCS-8				
	NO MID REMAINS				
10:00	DOWN TO 44' IN BCS-8				
	NO MID REMAINS				
	WIND EXPOSURE STRONGLY				
	CAUSING WHIRLS ON RAY +				
	ROCK LAYER				
10:50	DOWN TO 48' IN BCS-8				
	NO MID REMAINS				
	STRONG				
11:25	DOWN TO 50' IN BCS-8				
	NO MID REMAINS, CLAY NOT				
	RECOGNIZED - WILL DRIVE				
	ANOTHER STOP				
11:30	DOWN TO 52' IN BCS-8				
	CLAY				
	PER LABORATORY ANALYSIS + SPOT				
	SAMPLE ANALYSIS WITH LONG SHADE				
	SURVEILLANCE				

Location BROOKLYN NY Date 3/14/06Project / Client DIC NYCBUSHWICK CREEK NEAR

11:50	BEGAN TO REMOVE CASING				
	+ RODS - GREAT BURST/POLE				
	LOADED STILL STAYED - WINDS +				
	1 FT - WHIRLS				
12:25	CASING REMOVED 12005, REMOVED				
	BEGAN TO DECON JACKING TOWERS				
13:10	DECON COMPLETE. Began to				
	DECON SOIL CUTTERS + DECON				
	WATERS				
13:35	CLEANUP FEELING DECK - MOVE				
	DECKS SO THEY ARE OUT OF THE				
	WAY				
14:00	WINDS STILL STRONG - 1 FT WINDS				
	TOO ROUGH TO MOVE TO NEXT				
	LOCATION WITH GROUND BATT				
	CALL DAY WILL MOVE				
	DECONSTRUCTED TO BCS-5				
	WINDS STRONG 14:30				

Location BROOKLYN NY Date 3/14/64
 Project / Client DDC-NYC
BUSBRICK CREEK PROJECT

ADT DRILLS BC-1 TO 39'
 SAMPLE BC-1 21-23 WAS TAKEN
 FOR LABORATORY ANALYSIS, THIS
 SAMPLE WAS SENT IN ITS
 ENTIRETY WITH LONGSHORE ENVIRONMENTAL
 ADT RECORDS. TOUCH DRILLING, ABOVE
 BOUNDRIES
 15:00 ALL OFFSITE

[Handwritten signature]

Location BROOKLYN NY Date 3/15/64
 Project / Client DDC-NYC
BUSBRICK CREEK MEET

MEETING - 11:00 AM, VERY WINDY
 205-303
 PERSONEL - EAS
 S. MUSTARMA
 S. CUPPICKI
 B. VASILENT
 B. CRUZ
 R. GREEN
 M+E
 ADT
 5:00 CHAIRMAN 2 RDS - SPAN=100' PM
 CHAIRMAN M+E = 0.00 M³/M³
 7:00 - M+E - ADT ONSITE
 7:15 W. BUNNELL
 8:00 APPROX 20 MORE FROM -
 WIND + NOISE TO BE HEARD -
 CANNOT HEAR PLANT GALL
 WINDY + NOISE OFFICE
 10:35 - WINDY CANNOT HEAR PLANT

METCALF & EDDY, INC.
1140 Route 22 East – Suite 101
Bridgewater, NJ 08807
Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job # 60004548.01	Date: 03/14/06
Project Name: Bayside Petroleum (DDC)	Time Arrived: 7:00
Location: Bushwick Creek Inlet, Brooklyn, NY	Time Departed: 15:00
Contractor on Site: Aquifer Drilling & Testing, Inc.	Weather: Light drizzle (AM)
Contractor Equipment on Site: Track mounted drill rig and support truck	Clear & sunny (PM)
DDC Subcontractor On-Site: Warren George	Temp: 45 – 50 °F
DDC Subcontractor Equipment: Drilling float with CME-55	
Activities:	
<p>- Advanced the borehole BC-1 to a depth of 39 ft bgs collecting split spoon soil samples continuously. The PID readings recorded within the headspace of the soil samples collected from 5 to 25 ft bgs ranged from 2.5 to 9.4 ppm.</p> <p>- A soil sample was collected at BC-1 from 21 to 23 ft bgs (BC-1 21-23) that will be submitted to the lab for VOCs, SVOCs, PCBs, TAL Metals, and Cyanide analyses. A split sample from the same depth was collected for Longshore Environmental, Inc.</p> <p>- According to the Community Air Monitoring Plan (CAMP), a PID and a DataRAM (dust meter) were used onsite to screen the breathing zone and downgradient of the work area. No exceedances were noted on either of these instruments.</p>	
Discrepancies: None	
Recommendations: None	
Contractor Forces & Equipment:	
<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required	
Recommendations:	
<input type="checkbox"/> Described <input type="checkbox"/> Attached <input checked="" type="checkbox"/> None	
Number of Attachments: Field Log	Signed: Sirish Musthyala
Continued on Back? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Distribution: Project Manager <input checked="" type="checkbox"/>	
File Original <input checked="" type="checkbox"/>	

18 0513105

1400 CROWN PARKEO THE GREEN MAN
AT BC-1
- MOVED ALL THE BIRDS
AWAY TO THE BIRDS PAD
AND OBSERVED THEM
A WAVE TWO CONNECTED
TO A KNUD HYPHANT.
1440 A BIRDS LEFT THE SITE
FOR THE DAY.
1500 LEFT THE SITE FOR THE
DAY

My Sister Jane

19/14 06

1900 HATCH BUSHWICK CROWN PARKEO IN TOTAL
DEPARTED: LACHT RANG 40-50 F
THIS ANALYZED ON SITE.
THE WAVE CROW WA ONLY
THE HATCH CROW WA ONLY
THE CROWN STAYED TO LIFT THE BIRDS
PLUCK WITH CROWN ALGERS.
- PLUCK WA ADDED WITH TOOLS AND
SPECIAL FROM 8-2 AND BIRDS
SPECIAL FROM TO BC-1
AND STAYED PRESENT AT BC-1
THE BIRDS PLUCK THIS IS OF ALGERS
AND HE DROPPED TO THE SOOT BY THE
SING BIRDS ALGERS WERE OF ALGERS
WAVE NOT WORK IN SPECIALTY DUE
TO LONG OBSERVATION OF APPROX. 1500
BY CROWN BIRDS WERE DATA WAVE
TO BE OBSERVED AND BE CONSISTENT TO
DEP BY BIRDS FROM ALGERS
THE STAY CROWN AND BIRDS WERE WAVE
TO SING BIRDS (S. ALGERS).
STAY BIRDS THAT #21 YH TO HOD
BIRDS FROM MOST A AND ALGERS TO ALGERS
TO BC-1 ALGERS.

19

29/1/106

1119 CONTINUED A 100' SANGRE ERM
BC-1 21-22' BCL
1145 CROW BUSTLE FOR UNCH
1220 CROW STAMPTED INJURED RUN
25' BCL AT BC-1
1320 STAMPTED CROWD COMPLETED W/ F
AND 202 LATER THAT MOMENT
BCL-1 BCL WENT US AT THE
OTHER ALLEN WENT TO MALL
AT BC-7 4 BC-8.
1340 CROW ENCOUNTERED A SOWDER OF
BONE PERSISTS BOW AT APPROX.
30' BCL AND WENT THROUGH D
DOWN THROUGH ST.
1430 ADVANCED THE ROAD FOR BC-1
TO A POINT OF 39' BCL. CROW
STOPPED BOWMAN WENT TO THE
AND STAYED TO PARK OF THE
SUPPORT TRUCK.
1500 LEFT THE TRUCK FOR THE
DAY


M. Smith

29/1/106

1119 CONTINUED RUSHING CROWD TOWARD BOWMAN.
WEATHER: SUNNY & WINDY 20-30°F
645 ARRIVED ON SITE
655 FIRST CROW WAS OBSERVED
715 W/ CROW W/ BOWMAN
720 CROW STAMPTED TOWARD BOWMAN
725 BOWMAN 21' BCL
730 ADVANCED THE ROAD FOR BC-1
THROUGH BOWMAN STAYED
SPAWN SANGRE SANGRE AT
INTERVALS
1810 CONTINUED A CROW SANGRE AT
BC-1 BOWMAN 30' BCL FROM
AT BOWMAN 30' BCL SANGRE
W/ BOWMAN 30' BCL SANGRE
CROW ONLY WENT TOWARD BOWMAN
BOWMAN STAYED BOWMAN
1140 CROW STAMPTED BOWMAN STAYED
1150 CROW STAMPTED BOWMAN STAYED
THE BOWMAN 30' BCL TO A POINT OF
70' BCL
1230 CROW STAMPTED BOWMAN STAYED
STAYED TO PARK APPROX.
1330 CROW STAMPTED BOWMAN STAYED

METCALF & EDDY, INC.
1140 Route 22 East - Suite 101
Bridgewater, NJ 08807
Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job #	6000 4548.01	Date:	3/15/06
Project Name:	BAYSIDE PETROLEUM/BUSHWICK CREEK INLET	Time Arrived:	7:00
Location:	BROOKLYN NY - KENT AVE	Time Departed:	15:00
Contractor on Site:	WARREN GEORGE	Weather:	M SUNNY
Contractor Equipment on Site:	DRILLING FLOAT W/CME-65		VERY WINDY
M&E Subcontractor On-Site:	ADT	Temp:	20's - 30's
M&E Subcontractor Equipment:	TRUCK MOUNTED DRILL RIG		
Activities:			
WARREN GEORGE ATTEMPTED TO MOVE THE FLOAT IN TODAY'S NIGHT WINDS + 1 FOOT SWELLS USING THE MOTOR BOAT. THE MOTOR BOAT COULD NOT MOVE THE FLOAT AGAINST THE WIND SO THEY CALLED FOR A TUG. WARREN GEORGE MOVED THE FLOAT USING A LOW DRAFT TUG AT 10:35. THE FLOAT WAS MOVED TO THE BCS-9 LOCATION.			
WARREN GEORGE DRILLED BCS-7 TO 30' FROM MUDLINE. SAMPLE BCS-9 16-18 WAS TAKEN FOR LABORATORY ANALYSIS. THIS SAMPLE WAS FULLY SPLIT WITH LONGSHORE ENVIRONMENTAL. THE SAMPLE HAD A PID READING OF 10.2 PPM. AND WAS THE BOTTOM MOST ORGANIC SILT (MUD) JUST ON TOP OF TILL.			
ADT COMPLETED BC-1 TO 70' SAMPLE BC-1 60-62 WAS COLLECTED FOR LABORATORY ANALYSIS. THIS SAMPLE WAS SPLIT FOR VOC'S ONLY WITH LONGSHORE ENVIRONMENTAL BECAUSE OF SAMPLE VOLUME LIMITATIONS. THE BOREHOLE WAS GRADED. THE DRILL CUTTINGS WERE DUMPED AND THE TRUCK RIG WAS MOVED TO THE STAGING AREA. THE SAMPLE TAKEN DID NOT HAVE ANY PID READINGS			
Contractor Forces & Equipment:			
<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required			
Recommendations:			
<input type="checkbox"/> Described <input type="checkbox"/> Attached <input checked="" type="checkbox"/> None			
Number of Attachments: None		Signed: 	
Continued on Back? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Distribution: Project Manager <input checked="" type="checkbox"/> NELSON ABRAMS			
Others			
File Original <input checked="" type="checkbox"/>			

Location BROOKLYN NY Date 3/14/64
 Project / Client DDC-NYC
BUSARWICK CREEK MEET

ADT DRILLS BC-1 TO 39'
 SAMPLE BC-1 DI-23 WAS TAKEN
 FOR LABORATORY ANALYSIS. THIS
 SAMPLE WAS SENT IN ITS
 ENTIRETY WITH LONGSHORE ENVIRONMENTAL
 ADT REPORT. TOUCH DRILLING, ABOVE
 BOUNDARIES

15:00 ALL OFFSITE

[Signature]

Location BROOKLYN NY Date 3/15/64
 Project / Client DDC-NYC
BUSARWICK CREEK MEET

Weather - M Sunny, Very windy
 20's - 30's

PERSONEL - E AS \rightarrow M+E
 S MUSTARMA
 S CUPPICK \rightarrow WARDEN.
 B VERPENT. \rightarrow GEORGE
 B CRUZ \rightarrow ADT
 R GREEN \rightarrow ADT

5:00 ON RRA 2 PDS - SPAN=100' PM
 CRIBENT M/E = 0.00 M³/M³

7:00 - M+E - ADT ONSITE
 7:15 WARDEN GEORGE ON SITE

8:00 APPROX 20 MORE FOOT -
 WARDEN & MUSTARMA TO GO DEPT -
 CRIBENT MOVE FEET -
 WARDEN GEORGE OFFICE

10:35 - WARDEN GEORGE. MUSTARMA OFF

Location BROOKLYN NY Date 3/15/01Project / Client DDC - NYCBOSTONIAN CREEK MUD

11:00	LOW DEPTH LOG AND MUD FLOOD ON THE BCS-9 LOCATION.	
11:00	MOVE CAMP SITE - BEGIN TO DRILL	
12:00	DOWN 14' IN BCS-9	12:14' SAMPLE
	AT 3 P.M. OIL OIL + 10.2 P.M. FLOOD	
12:30	SAMPLE BCS-9 16-18 FOR LABORATORY	
	SPLIT SAMPLES FOR MUD CONCENTRATION	
	ENVIRONMENTAL - SAMPLE MUD + 10.2 P.M. P.D. RETURN	
13:20	DOWN 24' IN BCS-9	NO P.D.
	READINGS AFTER THE MUD ENDED.	
	-THE MUD/NATIVE SOIL MAPPING IS AT 18' BELOW MUDS.	
	(NO P.D. READINGS IN THE NATIVE SOIL)	
14:00	DOWN 28' IN BCS-9	

Location BROOKLYN NY Date 3/15/01Project / Client DDC - NYCBOSTONIAN CREEK MUD

14:30	DOWN 30' IN BCS-9	NO
	P.D. READINGS IN NATIVE SOIL (THE)	
	P.D. READINGS WERE OBTAINED IN LOWER MUD SAMPLES (DECKING SUIT)	
	QUIT FOR DAY - REMOVE WATER PUMP	
	DELIVERING EQUIPMENT TO PRESENT FURNACE	
	P.D. SAMPLED BOREHOLE BCS-1	
	TO 70' COLLECTION - SAMPLE BCS-1	
	60-62 AND SPIN AND VOC'S ONLY	
	WITH LONGSHORE ENVIRONMENT	
	BCS-1 BOREHOLE WAS GROOVED -	
	DRILL CUTTINGS WERE DELETED.	
	MOVED TRUCK RIG OFF-HOLE TO STAGING AREA	
15:00	ALL OFF SITE	

13.5
-7.0

METCALF & EDDY, INC.
1140 Route 22 East – Suite 101
Bridgewater, NJ 08807
Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job # 60004548.01	Date: 03/15/06
Project Name: Bayside Petroleum (DDC)	Time Arrived: 7:00
Location: Bushwick Creek Inlet, Brooklyn, NY	Time Departed: 15:00
Contractor on Site: Aquifer Drilling & Testing, Inc.	Weather: Clear & sunny, very windy
Contractor Equipment on Site: Track mounted drill rig and support truck	
DDC Subcontractor On-Site: Warren George	Temp: 20 – 30 °F
DDC Subcontractor Equipment: Drilling float with CME-55	
Activities:	
<ul style="list-style-type: none">- Advanced and completed the borehole BC-1 to a depth of 70 ft bgs collecting split spoon soil samples continuously to a depth of 51 ft bgs and at 5-foot intervals from 51 to 70 ft bgs.- A soil sample was collected at BC-1 from 60 to 62 ft bgs (BC-1 60-62) that will be submitted to the lab for VOCs, SVOCs, PCBs, TAL Metals, and Cyanide analyses. A split sample from the same depth was collected for Longshore Environmental, Inc.- Grouted the borehole BC-1 using a mixture of Portland cement and quick gel.- Generated a 55-gallon drum with drill cuttings from borehole BC-1.- According to the Community Air Monitoring Plan (CAMP), a PID and a DataRAM (dust meter) were used onsite to screen the breathing zone and downgradient of the work area. No exceedances were noted on either of these instruments.	
Discrepancies: None	
Recommendations: None	
Contractor Forces & Equipment:	
<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required	
Recommendations:	
<input type="checkbox"/> Described <input type="checkbox"/> Attached <input checked="" type="checkbox"/> None	
Number of Attachments: Field Log	Signed: Sirish Musthyala
Continued on Back? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Distribution: Project Manager <input checked="" type="checkbox"/>	
File Original <input checked="" type="checkbox"/>	

28/11/06

1115 COMPLETED A BOULDER SAMPLE FROM
BL-1 21-23' BL-1
1145 CROW KILLED FOR MEAT
1200 CROW STAYS IN PARISHAN PEN
25' 9m BL-1
1320 SPANIEL CATCHES UP
AND COLLECTS THAT MEAT
BL-1 MEAT IS AT THE
OTHER ACORN WERE IN THE
AT BL-1 4 BL-8.
1340 CROW EXAMINED A BOWDER OF
BONE BRANCHED AT APPEAL.
30' BL-1 AND CROW TRY TO
DIG IN THROUGH IT.
1430 ADVANCED THE ROAD FOR BL-1
TO A POINT OF 39' BL-1. CROW
STOPPED BECAUSE IT WAS THE
AND SPANIEL TO TAKE UP THE
SQUAD TACKLE.
1500 LEFT THE FUR FOR THE
DAY

~~M. Smith~~

09/15/06

1105 SPANIEL RUSHED TO CATCH BOWDER BOWDER
WEATHER: SUNNY & WINDY 20-30°F
645 A CROW ON SEAT
655 AT CROW WAS ON SEAT
715 CROW WAS ON SEAT
720 CROW STAYED IN THE BOWDER
DURING THE 21-23' BL-1
930 ADVANCED THE ROAD FOR BL-1
FROM 11' BL-1 TO 12' BL-1
SPANIEL BOULDER SAMPLE AT 12' BL-1
INTERVAL
1010 COMPLETED A BOULDER SAMPLE AT
BL-1 CROW 12-13' BL-1
AT ABOUT 12' BL-1 SPANIEL SAMPLE
WAS ALSO COLLECTED FROM 12' BL-1
CROW ONLY WAS STAY AT PUT TO
SPANIEL CROW STAYED IN THE BOWDER
CROW BOULDER FROM ADVANCED
1140 CROW STAYED IN THE BOWDER
1150 CROW STAYED IN THE BOWDER
THE SPANIEL BL-1 TO A POINT OF
75' BL-1
1230 CROW BOULDER FROM ADVANCED
STARTED TO TAKE ADVANCE.
1330 CROW COMPLETED BOULDER FOR THE

22/11/06

ADDED FROM THE BLOWN.
- MINED IN WALKER UT. AND
PONTIAC CREEK TO CROWN
THE BLOWN.
- DOME BLOWN FROM JH-1 TO
LIPAN THE AURUM ON THE
DE LOW GAD.

1415 WALKED TO THE STATION
OR THE LEFT TO THE STATION
THE CROWN FOR TOMORROW
MORNING TO DUE BC-74
BC-8.

1430 CROWN LEFT THE SITE.
1500 LEFT THE SITE FOR THE DAY

~~My Journal~~

03/10/06

PLANTED: BULLWACK CREEK
WATER SOURCE NO. 451

645 ANCHORED ON SITE
650 ANCHORED AT THE BLOWN
TO THE BLOWN WATER DRAIN
NO ONE WAS THERE TO OPEN THE GATE.

700 ANCHORED AT THE BLOWN
715 WALKED ANCHORED ON SITE
730 ADT CROWN (2022) THAT CROWN
POSSIBLY WAS ANCHORED AND MOUNTED
PLACED TO DUE BC-7.

735 ANCHORED AT BLOWN
745 WALKED ANCHORED AND BLOWN
755 WALKED ANCHORED AND BLOWN

765 WALKED ANCHORED AND BLOWN
775 WALKED ANCHORED AND BLOWN
785 WALKED ANCHORED AND BLOWN

795 WALKED ANCHORED AND BLOWN
805 WALKED ANCHORED AND BLOWN
815 WALKED ANCHORED AND BLOWN
825 WALKED ANCHORED AND BLOWN
835 WALKED ANCHORED AND BLOWN
845 WALKED ANCHORED AND BLOWN
855 WALKED ANCHORED AND BLOWN
865 WALKED ANCHORED AND BLOWN
875 WALKED ANCHORED AND BLOWN
885 WALKED ANCHORED AND BLOWN
895 WALKED ANCHORED AND BLOWN
905 WALKED ANCHORED AND BLOWN
915 WALKED ANCHORED AND BLOWN
925 WALKED ANCHORED AND BLOWN
935 WALKED ANCHORED AND BLOWN
945 WALKED ANCHORED AND BLOWN
955 WALKED ANCHORED AND BLOWN
965 WALKED ANCHORED AND BLOWN
975 WALKED ANCHORED AND BLOWN
985 WALKED ANCHORED AND BLOWN
995 WALKED ANCHORED AND BLOWN

METCALF & EDDY, INC.
1140 Route 22 East - Suite 101
Bridgewater, NJ 08807
Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job # <u>6000 4548.01</u>	Date: <u>3/16/06</u>
Project Name: <u>BAYSIDE PETROLEUM / BUSITWICK CREEK INLET</u>	Time Arrived: <u>7:00</u>
Location: <u>BROOKLYN NY - KENT AVE</u>	Time Departed: <u>15:00</u>
Contractor on Site: <u>WARREN GEORGE</u>	Weather: <u>M SUNNY</u>
Contractor Equipment on Site: <u>DRILLING FLOAT w/CMH-85</u>	<u>V WINDY</u>
M&E Subcontractor On-Site: <u>AD-7</u>	Temp: <u>30's -40's</u>
M&E Subcontractor Equipment: <u>TRUCK MOUNTED DRILL RIG</u>	
Activities: <u>WARREN GEORGE DRILLED BCS-9 TO 50' FROM THE MUDLINE. THE CLAY WAS ENCOUNTERED AT 44' ALTHOUGH IT WAS A SILTY CLAY. THE RED/WHITE CLAY WAS ENCOUNTERED AT 48'. SAMPLE BCS-9 42-44 WAS TAKEN FOR LABORATORY ANALYSIS AND SPLIT ENTIRELY WITH LONGSHORE ENVIRONMENTAL. THE DRILLING TOOLS WERE DECONED, THE BURNING WAS GRADED AND THE SOIL CONTAINER AND DECON WATER WERE DRAINING. THE FLOAT WAS MOVED TO THE BEST LOCATION WITH GREAT DIFFICULTY WITH THE MOTOR BOAT BECAUSE OF THE HIGH WINDS. THE BURNING LOCATION IS BELIEVED TO BE WITHIN 5' OF THE PUNCHED LOCATION. BCS-10 WAS DRILLED TO 16' (FROM MUDLINE) AND THE ENTIRE MUD WAS SCREENED. SAMPLE BCS-10 12-14 WAS SAMPLED FOR LABORATORY ANALYSIS (JUST ABOVE THE NATIVE TILL) AND SPLIT FOR VOC'S ONLY WITH LONGSHORE ENVIRONMENTAL. THIS SAMPLE HAD A PID READING OF 13.5 PPM. THE BURNING WILL BE COMPLETED TOMORROW.</u>	
<u>AD-7 DRILLED BC-7 TO 43' WITH GREENPOINT MARITIME MUSEUM PERSONEL WATCHING. SAMPLE BC-7 13-16 WAS SAMPLED FOR LABORATORY ANALYSIS AND SPLIT FOR VOC'S ONLY WITH GREENPOINT MARITIME MUSEUM PEOPLE.</u>	
<u>THE DRILL RIG BROKE DOWN LOSING APPROXIMATELY 1 1/2 HR OF DRILLING TIME.</u>	
Contractor Forces & Equipment: <u>OVER.</u>	
<input type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required	
Recommendations:	
<input type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None	
Number of Attachments: <u>None</u>	Signed:
Continued on Back? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Distribution: Project Manager <input type="checkbox"/>	
Others	
File Original <input type="checkbox"/>	

Location BROOKLYN NY Date 3/16/06
 Project / Client DPC-NYC
BUSHWICK CREEK MUSEUM

WETTER IN SUNNY 30's-40's
 MOD WIND → V. WINDY

PERSONAL E. AER
 SYMBIOTICA → MTE

S LUDDECKI → MOUNTAIN
 B VERFANT → GENE

B CREW → AD7

R CREW → AD7

V BRADY → LONGSTAKE
 D KATHI → ENV.

G WEINSTEIN → GREENPOINT
 J WEINSTEIN → MUSEUM

5:00 CRIBBART 2 PIDS SPAN = 00pp-
 CRIBBART 1 MTE = 0.00 M/A3

7:00 AD7 ONSTAKE MTE ONSTAKE

7:20 MANNAN CRIBBART MTE

GEORGE / JAVIER ASINTEIN ONSTAKE
 (GREENPOINT MOUNTAIN MUSEUM)

7:40 CONTING BURNING BUS → FROM 30'

Location BROOKLYN NY Date 3/16/06
 Project / Client DPC-NYC
BUSHWICK CREEK MUSEUM

4:00 DOWN 36' FROM MOUNTAIN
 NO PID READING IN
 NATIVE SOIL (OWN IN MUD)

WIND PICKING UP IN SOUTHWEST

10:20 DOWN 42' FROM MOUNTAIN

11:00 DOWN 48' FROM MOUNTAIN
 SILTY GRAY SANDSTONE @ 49'
 SAMPLE BCS-9 42-44
 FOR LABORATORY ANALYSIS
 AND SPLIT EXISTING WITH LONGSTAKE
 EXPOSURE

ONE MORE SAMPLE WILL BE TAKEN

11:15 SAMPLE FROM 48-50 VS
 HARD CLAY (RED/WHITE)
 BURNING IS TERMINATED @ 50'
 FROM MOUNTAIN

11:30 BEGIN TO REMOVE ROOST-
 CASING + GRout BOREHOLE

Location BROOKLYN NY Date 3/16/06Project / Client DIX - NYC
BUSHWICK CREEK INLET11:50 ROPS + CASING PULLED FROM
BOREHOLE - GRADING COMPLETE12:00 BEGAN TO DECORATE DRILLING TOOLS
(ROPS + CASINGS)12:25 DECORATION COMPLETE - DEEM DRILL CUTTING
+ DECORATION

12:45 MOVE FLOAT TO BCS TO LOCATION

13:30 DIFFICULT TO MOVE FLOAT WITH
HIGH WINDS BUT IT WAS DONE
BY PUSHING WITH BOATTHE LOCATION IS APPROXIMATELY
5' FURTHER TOWARDS THE RIVER
THAN THE MARK ON SHORE.

13:40 BEGAN TO DRILL BCS-10.

14:00
14:20Location BROOKLYN NY Date 3/16/06Project / Client PDC - NYC
BUSHWICK CREEK INLET13:45 SAMPLE BCS-10/12-14 WAS
TAKEN FOR LABORATORY ANALYSIS
THE SAMPLE WAS SPLIT FOR VES'SONLY WITH LONGSHORE ENVIRONMENTAL
THE SAMPLE HAD A 13.5 PPM P.D
READING.P.D.T. SET UP IN BC-7 AND DEPLETED
IT TO 43'. THE RIG BEGAN DOWN
BUT AXED INSIDE LOSING APPROXIMATELY
1.5 HRSSAMPLE BC-7 13-15 WAS COLLECTED
AND SPLIT WITH GREEN POINT MONITOR
IN VESSENRIGS WERE DEEMED AT THE
END OF THE DAY15:00 ALL OFF SITE SAMPLES WERE
DEPOSITED AT C. FED EX THE SHIPMENT

2

METCALF & EDDY, INC.
1140 Route 22 East – Suite 101
Bridgewater, NJ 08807
Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job # 60004548.01	Date: 03/16/06
Project Name: Bayside Petroleum (DDC)	Time Arrived: 7:00
Location: Bushwick Creek Inlet, Brooklyn, NY	Time Departed: 15:00
Contractor on Site: Aquifer Drilling & Testing, Inc.	Weather: Clear & sunny
Contractor Equipment on Site: Track mounted drill rig and support truck	
DDC Subcontractor On-Site: Warren George	Temp: 30 – 40 °F
DDC Subcontractor Equipment: Drilling float with CME-55	
Activities:	
- Advanced the borehole BC-7 to a depth of 43 ft bgs collecting split spoon soil samples continuously.	
- A soil sample was collected at BC-7 from 13 to 15 ft bgs (BC-7 13-15) that will be submitted to the lab for VOCs, SVOCs, PCBs, TAL Metals, and Cyanide analyses. A split sample from the same depth was collected for Greenpoint Monitor Museum (GMM) personnel.	
- ADT crew decontaminated the augers on the decon pad at the end of the day.	
- Jim Romeo (DDC) and Janice Weinman (GMM) agreed that ADT crew can move their equipment from their property to the main entrance gate for Friday and Saturday's work.	
- The drill rig broke down for 1.5 hours from 10:15 AM to 11:45 AM. ADT mechanic was onsite and repaired the drill rig.	
- According to the Community Air Monitoring Plan (CAMP), a PID and a DataRAM (dust meter) were used onsite to screen the breathing zone and downgradient of the work area. No exceedances were noted on either of these instruments.	
Discrepancies: None	
Recommendations: None	
Contractor Forces & Equipment:	
<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required	
Recommendations:	
<input type="checkbox"/> Described <input type="checkbox"/> Attached <input checked="" type="checkbox"/> None	
Number of Attachments: Field Log	Signed: Sirish Musthyala
Continued on Back? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Distribution: Project Manager <input checked="" type="checkbox"/>	
File Original <input checked="" type="checkbox"/>	

22/15/06

Arrived from the following
- mixed in with the and
portland cement to mean
the concrete
- James Bush Nelson 5M-1 to
clean the bottom on this
the low 7AD

1415 worked to the edge
or the left to the right
the crew from Thompson
monitored to direct BC-74
BC-8.

1430 crew left the site.
1500 left the site for the day

~~My return~~

03/10/06

Placed Bulkfill concrete in the foundation
with a 500mm to 1.5m

1645 finished work
1650 arrived at the foundation site
to the bottom of the concrete
No one was there to open the gate.

1700 arrived back at the
foundation to the gate
we could not get in
and had to wait for the
gate to be opened
for us to enter BC-7.

1735 arrived at BC-7.
Met Charles and the
Lester's in the morning
Crew went missing
and we waited for the
gate to be opened
and then went to the
gate to the concrete.

1835
James E. (J.E.) was
there and we could
not get in to the
gate. We waited for
the gate to be opened
and then went to the
gate to the concrete.

24
03/16/66

BALANCE GOVERNMENT.
JIM AND CHARLES LUMBER
(WATERPARK) TRAVELLED THAT
WED CAR WERE THE EQUIPMENT
BELOW THEM WERE TO THE
MAGNETIC SET ACQUISITION BOAT
CAPTAIN JERRY LEE HENDERSON
AND NOT A HUBBARD AFTER VIEW
DUMMIES ON AN SATURDAY
- DETERMINED THAT BOAT IS
THE TRUCK WHEN WE GOT DOWN
TO MARKET BEEN RUN THE
DISCREPANCY AND SUGGESTION MADE
SO THAT THEY CAN GET
THROUGH THE MOTOR ALSO
LATER ON SATURDAY & SATURDAY
- JABBLE Q-JIM HENDERSON THAT
IT WAS ONLY TO KNOW
DOWN THE TRUCK FOR ALLEN
TO THE SEAT.
0930 Jim (JAB) LEFT THE SEAT.
1000 JABBLE & GORDON (WATERPARK)
ALSO LEFT THE SEAT WORKING THE
THAT THEY WOULD BE BACK
AROUND 2:30 PM (THU)

25

03/16/66

WENT DOWN TO CHECK THE OFFICE.
BUT ADDITIONALLY THE REMARKS TO A
BOAT AT 23 KM. A SELLING POINT
WAS USED AT 0000 TOWN
0000-15 KM. BEFORE THE TRUCK WERE
BEING DOWN. FOLLOWED DOWN TO THE
DANGER AND AT MICHAEL WERE
THE OFFICE STATION.
0000-15 KM. LEFT THE SEAT TO CITY.
- GOING TO THE
1000 THE AREA IN THE TRUCK WERE
TO WORK ON THE TRUCK WERE.
1100 THE TRUCK WERE STARTED WORKING AGAIN.
1200 WHEN BEING DOWN FROM 20 KM
1300 NOT REACHED THE SEAT.
1300-15 KM. TO MARKET THE TRUCK
LEFT TO A DEPT AT 0000
0000-15 KM. OUT OF LUMBER
1300-15 KM. READY & DIVERSED FROM
LUMBERHOUSE. WERE
1400 CIRCLES WERE THE DEPT. JIMMY
TO DETOUR THAT TO WATERPARK
1400-15 KM. WERE KNOWN WATERPARK
MUSICIAN WERE
- HANDED DOWN THE TRUCK WERE

26/11/60

COVERED AT BC-1 13-15 WITH
P. HAY.

1435 ANCHORED AT THE MAIN FISH
LATE. CREW WERE DECONTAMINATING

THE AREAS ON THE DECK

AND

LABORED THE 101 SQUAD

JAM AND OILED THEM

IN THE JANGLE TRAP AREA

SHEET AND CHAIN OF

CONTROL

ENAC HANDLED OVER THE

SPLIT 101 (VERMONT JANGLE)

WENT TO LONG STAFF BN.

RETAINING AREAS

1510 LEFT THE SITE FOR THE
DAY

~~W. G. H. S. O.~~

27

08/11/60

THOTUS: BUILT UP A CIRCULAR

WATER: CIRCULAR SHINY COARSE

645 ANCHORED ON SITE. AT 0800 WAT

ALREADY CATCHED WATER FOR

THE CIRCULAR SHINY COARSE

RECONSTRUCTED TO PROVIDE ACCESS

TO THE WATER

715 WAT CATCHED ON SITE

730 BDT CATCHED TO DEW AT

BC-7 FROM 0830

900 CREW WERE WORKING THE OBSERVATIONS

AT APPROX 0930 AT BC-7 AND HAVE

3 PM CONDENSED ON 2A FOR LAST

15-20 MOUNT

905 STAKE WITH NUTS IN (WAT) WAT

INDICATED THAT WE COULD ABANDON

THE REMAINS BC-7 AND HAVE TO BC-8

SECTION NOW JOINTED THAT THE

REMAINS ON LATERAL AREA DECONTAMINATED

BC-8 TO LONG STAFF AND DICK

FIN 1ST APT OVER BC-7 TRACTORY

TO 491.64 AND ADJUNCT THE

REMAINS

FedEx® USA Airbill

Express

8455 4997 2131

1 From *Please print and print hard.*
 Date 3/16/06 Sender's FedEx
 Account Number 8455 4997 2131
 Sender's Name ERIC ACS Phone (908) 707-8874

Company METCALF & EDDY INC
 Address 1140 US HIGHWAY 22 # 101
 City BRIDGEWATER State NJ ZIP 08807-2912

2 Your Internal Billing Reference
 Fed Ex charges will appear on invoice.
 3 To Recipient's Name SAMPLE MANAGEMENT Phone (781) 337 9334

Company AMERISCI BOSTON
 Address 8 SCHOOL STREET
 City Weymouth State MA ZIP 02189

Try online shipping at fedex.com
 By using this Airbill you agree to the service conditions on the back of this Airbill
 and in our current Service Guide, including terms that limit our liability.
 Questions? Visit our Web site at fedex.com
 or call 1.800.Go.FedEx® 800.463.3333.

0270544231

Sender's Copy

4a Express Package Service
 Delivery commitment: Next business day
 FedEx Priority Overnight ☐ FedEx Standard Overnight ☐ FedEx First Overnight ☐
 Next business morning Next business afternoon delivery to select locations

4b Express Freight Service
 Delivery commitment: Next business day
 FedEx 1Day Freight* ☐ FedEx 2Day Freight ☐ FedEx 3Day Freight ☐
 Next business day Second business day Third business day

5 Packaging
 FedEx Envelopes* ☐ FedEx Pak* ☒ Other ☒
 Large Pak, and FedEx 3Day Pak
 * Declared value limit \$500

6 Special Handling
 SATURDAY Delivery ☐ Include FedEx address in Section 3.
 HOLD Saturday at FedEx Location ☐ HOLD Saturday at FedEx Location ☐
 FedEx Priority Overnight, FedEx 2Day, FedEx 3Day, and FedEx 3Day Freight (they are not available for FedEx First Overnight)
 Does this shipment contain dangerous goods?
 One box must be checked.
 No ☐ Yes ☐ Shipper's Declaration not required ☐ Dry Ice ☐ Dry Ice, 3, UN 1845 ☐ Cargo Aircraft Only ☐

7 Payment Bill to:
 Sender ☐ Recipient ☒ Third Party ☐ Credit Card ☐ Cash/Check ☐
 Enter FedEx Acct. No. or Credit Card No. below.
 FedEx Acct. No. 227853018 Exp. Date
 Credit Card No.

Total Packages 1 Total Weight 30 Total Declared Value* \$ 100.00
 FedEx Use Only

8 Release Signature
 Sign to authorize delivery without obtaining signature.
 By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.
 Signature [Signature] Date 3/16/06

PULL AND RETAIN THIS COPY BEFORE AFFIXING TO THE PACKAGE.

METCALF & EDDY, INC.
1140 Route 22 East - Suite 101
Bridgewater, NJ 08807
Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job #	60004548.01	Date:	3/17/06
Project Name:	Bay Side Petrochem / Bushwick Creek Inlet	Time Arrived:	7:00
Location:	BROOKLYN NY - KENT AVE	Time Departed:	15:00
Contractor on Site:	WARREN GEORGE	Weather:	M SUNNY
Contractor Equipment on Site:	DRILLING FLAT W/CMZ -55		LIGHT-MOD WIND
M&E Subcontractor On-Site:	ADT	Temp:	30's -40's
M&E Subcontractor Equipment:	TRACK MOUNTED DRILL RIG		
Activities: WARREN GEORGE CONTINUES TO DRILL BOREHOLE, BCS-10 TO 48' FROM MUDLINE. THE RED/WHITE CLAY WAS NOT ENCOUNTERED AND THE BOREHOLE WILL BE CONTINUED ON TUESDAY FOR A FEW MORE SPOONS TO FIND IT. THE BOREHOLE WAS COLLAPSING AS CASING IS NOT SET DOWN THAT FAR, SO 3" CASING WILL BE INSTALLED TO DEPTH 48' TO GET THE REMAINING SPOONS. THE NATIVE SOIL SHOWED NO PID READINGS TO DEPTH, ONLY THE SILT (MUD) HAD PID READINGS IN THE 12-14' SAMPLE.			
ADT COMPLETED BC-7 TO 71' SAMPLE BC-7 60-62 WAS TAKEN FOR LABORATORY ANALYSIS. THIS SAMPLE HAD NO PID READINGS AND WAS SENT FOR VOC'S ONLY WITH THE GREENPOINT MONITOR MUSEUM PEOPLE. THE BOREHOLE WAS GROUDED AND THE DRILL RIG MOVED TO THE BCS-8 LOCATION, DRUMS LOCATED THROUGHOUT THE SITE ON LAMP WERE CONSOLIDATED TO AN AREA NEAR THE GATE ENTRANCE USING A ROBCAT MACHINE. DRILL CUTTINGS FROM BC-7 + DECON WATER WERE PLACED IN DRUMS AND ALSO MOVED TO THE STAGING AREA.			
Contractor Forces & Equipment:			
<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required			
Recommendations:			
<input type="checkbox"/> Described <input type="checkbox"/> Attached <input checked="" type="checkbox"/> None			
Number of Attachments: None			
Continued on Back? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Distribution: Project Manager <input checked="" type="checkbox"/> NELSON ABRAMS			
Others			
File Original <input checked="" type="checkbox"/>			

Location BROOKLYN NY Date 3/17/01
Project / Client DDC-NYC
BUSHWICK CREEK MEET

11:40 AM	in sunny area 30's-40's
	light wind - mod wind
PERSONNEL	E. ACS
	S. MISHKIN
	S. LORBER
	B. V. LORBER
	B. ORT
	R. GREEN
	J. KATZ
	J. WEINMAN
	G. WEINMAN
	GREENSPAN
	MONTE
	MUSSEN
5:00	CON. BARGE 2 P.D.'s
	SPAN = 100 yds
	CON. BARGE 1 M.E.
	0-00 m/s/m
7:00	NOTE ON BARGE - ADJ. ALREADY
	ON BARGE
7:20	WARMEN GEORGE ON BARGE
7:40	CONTINUE TO PULL BGS-46
	FROM 16'

Location BROOKLYN NY Date 3/17/01
Project / Client DDC-NYC
BUSHWICK CREEK MEET

1:00	DOWN 24' 10' P.D. BARGE
	W. NATHAN 5074
11:00	DOWN 28' - JERARD IN
	CREEK FLOWS DOULDER
11:45	EMERGENCY BARGE 2 20' 8'
	(FROM MIDDLE) ADJUST 20
	ROUSE UP BARGE
12:10	THICKEN BARGE (1' thick)
13:00	DOWN 38'
13:30	DOWN 42'
14:30	DOWN TO 48' WITH NO
	DAY - HOLE CANAL BARGE
	OF SAND WITH DOUBT CASE
	HOLE ON TOWER

METCALF & EDDY, INC.
1140 Route 22 East – Suite 101
Bridgewater, NJ 08807
Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job # 60004548.01	Date: 03/17/06
Project Name: Bayside Petroleum (DDC)	Time Arrived: 7:00
Location: Bushwick Creek Inlet, Brooklyn, NY	Time Departed: 15:00
Contractor on Site: Aquifer Drilling & Testing, Inc.	Weather: Clear & sunny
Contractor Equipment on Site: Track mounted drill rig and support truck	
DDC Subcontractor On-Site: Warren George	Temp: 30 – 40 °F
DDC Subcontractor Equipment: Drilling float with CME-55	
Activities:	
<ul style="list-style-type: none"> - Advanced and completed the borehole BC-7 to a depth of 71 ft bgs collecting continuous split spoon samples to a depth of 51 ft bgs and at 5-foot intervals from 51 to 71 ft bgs. - Encountered an obstruction at approximately 49 ft bgs and had to drill for about 30 minutes to advance the borehole beyond this depth. - A soil sample was collected at BC-7 from 60 to 62 ft bgs (BC-7 60-62) that was submitted to the lab for VOCs, SVOCS, PCBs, TAL Metals and Cyanide analyses. A split sample was also collected for Greenpoint Monitor Museum personnel. - The borehole BC-7 was grouted with a mixture of Portland cement and bentonite slurry. - Another crew from ADT was onsite with a Bobcat and moved all the 55-gallon drums to a central location next to the decon pad near the site entrance for easy access. The crew also consolidated all the plastic sheeting and project trash into two 55-gallon drums. Boreholes BC-1 to BC-7 were all backfilled to grade. - According to the Community Air Monitoring Plan (CAMP), a PID and a DataRAM (dust meter) were used onsite to screen the breathing zone and downgradient of the work area. No exceedances were noted on either of these instruments. 	
Discrepancies: None	
Recommendations: None	
Contractor Forces & Equipment:	
<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required	
Recommendations:	
<input type="checkbox"/> Described <input type="checkbox"/> Attached <input checked="" type="checkbox"/> None	
Number of Attachments: Field Log	Signed: Sirish Musthyala
Continued on Back? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Distribution: Project Manager <input checked="" type="checkbox"/>	
File Original <input checked="" type="checkbox"/>	

26/1664

COVERED AT BC-1 15-15 WHEN
TO HAW.

1435 ARRIVED AT THE NEW FISH
CART. CREW WERE DECONTAMINATING
THE AREAS ON THE DECK

AND
LABORED THE AIR SAGUE
JAN AND WOUNDED THEN
IN THE JAW (IE THAR BURN
SHEET AND) (CHAW) OF
COSTON

1645 ENG. HANDLED OVER THE
SPLAT WITH (WARRANT JAWGLES)
WENT OUT TO LONG SPARE EN.
REPAIRS (FIREMAN).

1510 LEFT THE SPARE FOR THE
DAY

~~my 1st 1st 1st~~

08/11/06

PROJECT: BUA WELCH CROCK BURN
WEATHER: CLEAR BURNING CO-USE

645 HAZARD OUTSIDE. ADT CREW WAS
ALREADY OUTSIDE. WZRNZM FAN
THE COUNCILMAN MONSTER MUSEUM (HAW)
EXPERIMENTAL TO PROCEED FLY

TO THE BURN. 8
715 WZRNZM FAN AND ADT
THE ADT CREW WENT TO DECK AT
BC-7 FAN (US-64)

900 CREW WZRNZM FAN OPERATIONS
AT APPROX 1930 AT BC-7 AND BURN
A FAN CONDENSED ON A FAN UNIT
(15-20 WZRNZM)

905 SPARE WZRNZM FAN (HAW) WAS
THE BURNED THAT WE COULD ABANDON
THE SPARE 15-20 AND MOVE TO BC-8.

MECHANICAL WZRNZM FAN THAT
ARRIVED ON LATERAL AFTER DECONTAMINATING
BC-8 TO CURE SPARE AND BURN
FAN FIRST THAT BURN AND DECONTAMINATE
TO 4910W AND WZRNZM FAN
A BURNED

30/12/17

Dr. Barbara W. P. B. B.

Lawyer's Day	Proctorville
Don Art City	

1480	collected the	litter	for the
------	---------------	--------	---------

AT TWO 1700 4 10-00 1-39
TABLE AND GEORGE WEDDING

1551

[illegible]

31

~~10-28-88
LAWRENCE, LINDA
LAWRENCE, LINDA~~

my skates 776 2745 2 m like DUBAR

~~Stroom & Amy Co~~

50	COUNTED A SOLI SANGUINARI	92.76	41.58
51	COUNTED A SOLI SANGUINARI	92.76	41.58
52	COUNTED A SOLI SANGUINARI	92.76	41.58
53	COUNTED A SOLI SANGUINARI	92.76	41.58
54	COUNTED A SOLI SANGUINARI	92.76	41.58
55	COUNTED A SOLI SANGUINARI	92.76	41.58
56	COUNTED A SOLI SANGUINARI	92.76	41.58
57	COUNTED A SOLI SANGUINARI	92.76	41.58
58	COUNTED A SOLI SANGUINARI	92.76	41.58
59	COUNTED A SOLI SANGUINARI	92.76	41.58
60	COUNTED A SOLI SANGUINARI	92.76	41.58

8 Nov 1944
 10 Nov 1944
 12 Nov 1944
 14 Nov 1944
 16 Nov 1944
 18 Nov 1944
 20 Nov 1944
 22 Nov 1944
 24 Nov 1944
 26 Nov 1944
 28 Nov 1944
 30 Nov 1944
 1 Dec 1944
 3 Dec 1944
 5 Dec 1944
 7 Dec 1944
 9 Dec 1944
 11 Dec 1944
 13 Dec 1944
 15 Dec 1944
 17 Dec 1944
 19 Dec 1944
 21 Dec 1944
 23 Dec 1944
 25 Dec 1944
 27 Dec 1944
 29 Dec 1944
 31 Dec 1944
 1 Jan 1945
 3 Jan 1945
 5 Jan 1945
 7 Jan 1945
 9 Jan 1945
 11 Jan 1945
 13 Jan 1945
 15 Jan 1945
 17 Jan 1945
 19 Jan 1945
 21 Jan 1945
 23 Jan 1945
 25 Jan 1945
 27 Jan 1945
 29 Jan 1945
 31 Jan 1945
 1 Feb 1945
 3 Feb 1945
 5 Feb 1945
 7 Feb 1945
 9 Feb 1945
 11 Feb 1945
 13 Feb 1945
 15 Feb 1945
 17 Feb 1945
 19 Feb 1945
 21 Feb 1945
 23 Feb 1945
 25 Feb 1945
 27 Feb 1945
 29 Feb 1945
 1 Mar 1945
 3 Mar 1945
 5 Mar 1945
 7 Mar 1945
 9 Mar 1945
 11 Mar 1945
 13 Mar 1945
 15 Mar 1945
 17 Mar 1945
 19 Mar 1945
 21 Mar 1945
 23 Mar 1945
 25 Mar 1945
 27 Mar 1945
 29 Mar 1945
 31 Mar 1945
 1 Apr 1945
 3 Apr 1945
 5 Apr 1945
 7 Apr 1945
 9 Apr 1945
 11 Apr 1945
 13 Apr 1945
 15 Apr 1945
 17 Apr 1945
 19 Apr 1945
 21 Apr 1945
 23 Apr 1945
 25 Apr 1945
 27 Apr 1945
 29 Apr 1945
 1 May 1945
 3 May 1945
 5 May 1945
 7 May 1945
 9 May 1945
 11 May 1945
 13 May 1945
 15 May 1945
 17 May 1945
 19 May 1945
 21 May 1945
 23 May 1945
 25 May 1945
 27 May 1945
 29 May 1945
 31 May 1945
 1 Jun 1945
 3 Jun 1945
 5 Jun 1945
 7 Jun 1945
 9 Jun 1945
 11 Jun 1945
 13 Jun 1945
 15 Jun 1945
 17 Jun 1945
 19 Jun 1945
 21 Jun 1945
 23 Jun 1945
 25 Jun 1945
 27 Jun 1945
 29 Jun 1945
 1 Jul 1945
 3 Jul 1945
 5 Jul 1945
 7 Jul 1945
 9 Jul 1945
 11 Jul 1945
 13 Jul 1945
 15 Jul 1945
 17 Jul 1945
 19 Jul 1945
 21 Jul 1945
 23 Jul 1945
 25 Jul 1945
 27 Jul 1945
 29 Jul 1945
 1 Aug 1945
 3 Aug 1945
 5 Aug 1945
 7 Aug 1945
 9 Aug 1945
 11 Aug 1945
 13 Aug 1945
 15 Aug 1945
 17 Aug 1945
 19 Aug 1945
 21 Aug 1945
 23 Aug 1945
 25 Aug 1945
 27 Aug 1945
 29 Aug 1945
 1 Sep 1945
 3 Sep 1945
 5 Sep 1945
 7 Sep 1945
 9 Sep 1945
 11 Sep 1945
 13 Sep 1945
 15 Sep 1945
 17 Sep 1945
 19 Sep 1945
 21 Sep 1945
 23 Sep 1945
 25 Sep 1945
 27 Sep 1945
 29 Sep 1945
 1 Oct 1945
 3 Oct 1945
 5 Oct 1945
 7 Oct 1945
 9 Oct 1945
 11 Oct 1945
 13 Oct 1945
 15 Oct 1945
 17 Oct 1945
 19 Oct 1945
 21 Oct 1945
 23 Oct 1945
 25 Oct 1945
 27 Oct 1945
 29 Oct 1945
 1 Nov 1945
 3 Nov 1945
 5 Nov 1945
 7 Nov 1945
 9 Nov 1945
 11 Nov 1945
 13 Nov 1945
 15 Nov 1945
 17 Nov 1945
 19 Nov 1945
 21 Nov 1945
 23 Nov 1945
 25 Nov 1945
 27 Nov 1945
 29 Nov 1945
 1 Dec 1945
 3 Dec 1945
 5 Dec 1945
 7 Dec 1945
 9 Dec 1945
 11 Dec 1945
 13 Dec 1945
 15 Dec 1945
 17 Dec 1945
 19 Dec 1945
 21 Dec 1945
 23 Dec 1945
 25 Dec 1945
 27 Dec 1945
 29 Dec 1945
 1 Jan 1946
 3 Jan 1946
 5 Jan 1946
 7 Jan 1946
 9 Jan 1946
 11 Jan 1946
 13 Jan 1946
 15 Jan 1946
 17 Jan 1946
 19 Jan 1946
 21 Jan 1946
 23 Jan 1946
 25 Jan 1946
 27 Jan 1946
 29 Jan 1946
 1 Feb 1946
 3 Feb 1946
 5 Feb 1946
 7 Feb 1946
 9 Feb 1946
 11 Feb 1946
 13 Feb 1946
 15 Feb 1946
 17 Feb 1946
 19 Feb 1946
 21 Feb 1946
 23 Feb 1946
 25 Feb 1946
 27 Feb 1946
 29 Feb 1946
 1 Mar 1946
 3 Mar 1946
 5 Mar 1946
 7 Mar 1946
 9 Mar 1946
 11 Mar 1946
 13 Mar 1946
 15 Mar 1946
 17 Mar 1946
 19 Mar 1946
 21 Mar 1946
 23 Mar 1946
 25 Mar 1946
 27 Mar 1946
 29 Mar 1946
 1 Apr 1946
 3 Apr 1946
 5 Apr 1946
 7 Apr 1946
 9 Apr 1946
 11 Apr 1946
 13 Apr 1946
 15 Apr 1946
 17 Apr 1946
 19 Apr 1946
 21 Apr 1946
 23 Apr 1946
 25 Apr 1946
 27 Apr 1946
 29 Apr 1946
 1 May 1946
 3 May 1946
 5 May 1946
 7 May 1946
 9 May 1946
 11 May 1946
 13 May 1946
 15 May 1946
 17 May 1946
 19 May 1946
 21 May 1946
 23 May 1946
 25 May 1946
 27 May 1946
 29 May 1946
 1 Jun 1946
 3 Jun 1946
 5 Jun 1946
 7 Jun 1946
 9 Jun 1946
 11 Jun 1946
 13 Jun 1946
 15 Jun 1946
 17 Jun 1946
 19 Jun 1946
 21 Jun 1946
 23 Jun 1946
 25 Jun 1946
 27 Jun 1946
 29 Jun 1946
 1 Jul 1946
 3 Jul 1946
 5 Jul 1946
 7 Jul 1946
 9 Jul 1946
 11 Jul 1946
 13 Jul 1946
 15 Jul 1946
 17 Jul 1946
 19 Jul 1946
 21 Jul 1946
 23 Jul 1946
 25 Jul 1946
 27 Jul 1946
 29 Jul 1946
 1 Aug 1946
 3 Aug 1946
 5 Aug 1946
 7 Aug 1946
 9 Aug 1946
 11 Aug 1946
 13 Aug 1946

TO SHOW STIMULATED VALUE WORKING OF



Date 3/17/06

BROOKLYN NY

Project / Client DDC-NYC

BUS WOULD SPEED UP

ADT Sample BC-7 BC-7
to 71' Sample BC-7 60-62
was collected from this station
primarily from the only N.M.
spout with the green paint mark
missing people this because
was located from the rig was
moved on to BC-8 location.
Drums were consolidated to one
place and so near the site
service using a bucket

20.5/1500 All cases

Date 3/21/06

Brooklyn NY

Project / Client DDC - NYC

BUSHWICK GLEN 1960

WEATHER AT SUNNY CLOUD 30S-40S
LIGHT WIND

PRESIDENT E. JES - MTH
S. L. PEEK - WASHINGTON GRADUATE
SUNSHINE & WINDY (M) B. BURGER
5:00 AMBER / PID SIGN = 100 PM
6:30 AMBER / PID - EPS BURGER
BC-7 AND BC-8 (LAND BORINGS)

7:15 HUMAN BORING AREA - E. JES
GIVES SAMPLE FROM BC-8 CORN
SAMPLE TO GEOTECH DEPARTMENT.

8:00 CONTINUE ON BRAM BC-10 -
WILL IMPROVE 3" CRANE TO GETTING
BURIAL

9:30 3' CRANE IN, BEGIN TO SAMPLE

10:05 DOWN 50' SAMPLE HAS NO ROCKS
BUT CLAY IS IN ROSS, CONTINUE
TO SAMPLE

METCALF & EDDY, INC.
1140 Route 22 East – Suite 101
Bridgewater, NJ 08807
Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job # 60004548.01	Date: 03/18/06
Project Name: Bayside Petroleum (DDC)	Time Arrived: 6:15
Location: Bushwick Creek Inlet, Brooklyn, NY	Time Departed: 16:00
Contractor on Site: Aquifer Drilling & Testing, Inc.	Weather: Clear & sunny, windy
Contractor Equipment on Site: Track mounted drill rig and support truck	
DDC Subcontractor On-Site: Warren George	Temp: 20 – 30 °F
DDC Subcontractor Equipment: Drilling float with CME-55	
Activities:	
<ul style="list-style-type: none">- Advanced and completed the borehole BC-8 to a depth of approximately 44 ft bgs collecting continuous split spoon samples. The PID readings recorded within the headspace of the soil samples collected from 25 to 25 ft bgs ranged from 1 to 10.6 ppm.- Encountered an obstruction at approx. 44 ft bgs and had to abandon the borehole due to time constraints.- Two soil samples were collected at BC-8 from 31 to 33 ft bgs (BC-8 31-33) and 41 to 43 ft bgs (BC-8 41-43) that were submitted to the lab for VOCs, SVOCS, PCBs, TAL Metals and Cyanide analyses. Split samples from the same depths were also collected for Greenpoint Monitor Museum personnel.- The borehole BC-7 was grouted with a mixture of Portland cement, bentonite slurry and drill cuttings.- ADT crew demobilized from the site after loading all miscellaneous equipment stored next to the drum storage area.- A field blank sample (FB031806) was collected using a split spoon sampler and submitted to the lab for VOCs, SVOCS, PCBs, TAL Metals and Cyanide analyses.- According to the Community Air Monitoring Plan (CAMP), a PID and a DataRAM (dust meter) were used onsite to screen the breathing zone and downgradient of the work area. No exceedances were noted on either of these instruments.	
Discrepancies: None	
Recommendations: None	
Contractor Forces & Equipment:	
<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required	
Recommendations:	
<input type="checkbox"/> Described <input type="checkbox"/> Attached <input checked="" type="checkbox"/> None	
Number of Attachments: Field Log	Signed: Sirish Musthyala
Continued on Back? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Distribution: Project Manager <input checked="" type="checkbox"/>	
File Original <input checked="" type="checkbox"/>	

~~181706~~

TOTAL OF 16 MINS PERMAN
 BC-1 TO BC-7.
 AN. BOMBARDIER WENT IN
 TO CLADE.
 1100 ON A DAY INTO BANANA AREA
 FROM BC-1 AND MORE THE AREA
 TO BC-8.
 - SAW THE DAILY PRODUCTION
 FOR ART CEMENT
 1415 ART CEMENT LEFT THE SITE
 FOR THE DAY.
 1430 COLLECTED THE LITTLE FOR THE
 CEMENT POINT NEARER HILLTOP
 1445 HARRIED OVER THE ROAD STAGE
 BC-2 60-61 VOLS ONLY TO
 STABLE AND GEORGE VERONIAN
 1500 LEFT THE SITE FOR THE
 DAY

~~M. S. 181706~~


0318106

PLASTER, BUILT WOOD STEEL ZONE
 UNDER THE BENCH, WOOD STOOD UP TO
 80-85 ft

615 ANNOUNCED ON SITE
 645 CROW ANNOUNCED ON SITE
 700 CROW 150000 THAT THEY WERE
 MYSTERY THE BENS IN THE DRAIN
 715 COLLECTED A SET OF BROWN SAMPLE
 BY PLASTER THE WATER OVER A FIVE
 800M BENCH
 815 1000 (1100) THE MESSAGE WITH WIFE
 TO START THE BENCH BY THE WIFE
 915 CROW BOMBARDIER DRAINAGE OF SC-8
 1100 COLLECTED A SET OF BENCH
 BC-8 FROM 91-33 BENCH WIFE IT
 HAD A SET OF BENCH 10-4 BENCH AND
 1200 CROW BOMBARDIER WIFE IT
 1240 CROW BOMBARDIER WIFE IT
 1300 CROW BOMBARDIER WIFE IT
 1315 ANNOUNCED AND OBSERVATION AT

METCALF & EDDY, INC.
 1140 Route 22 East - Suite 101
 Bridgewater, NJ 08807
 Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job #	6000 4548.01	Date:	3/21/06
Project Name:	BAYSIDE PETROLEUM / BUSHNICK CREEK INLET	Time Arrived:	6:30
Location:	BROOKLYN NY - KENT AVE	Time Departed:	15:00
Contractor on Site:	WARREN GEORGE	Weather:	M SUNNY
Contractor Equipment on Site:	DRILLING FLOAT w/CM+55	Temp:	LIGHT WIND
M&E Subcontractor On-Site:	N/A		30's - 40's
M&E Subcontractor Equipment:	N/A		
Activities:			
<p>WARREN GEORGE CONTINUED ADVANCING BORING BCS-10. 3" CASING WAS INSTALLED TO THE NEXT SAMPLE DEPTH OF 48' FROM THE MUDLINE TO HOLD THE BORING OPEN. THE SANDS ENCOUNTERED AT THAT DEPTH COLLAPSED INTO THE BOREHOLE WITHOUT CASING. THE RED/WHITE CLAY WAS ENCOUNTERED IN THE 50'-52' SAMPLE INTERVAL. A SAMPLE BAGGED ON FRIDAY (ZIP LOCK BAG) AND KEPT COLD OVER THE WEEKEND WAS SAMPLED. BCS-10 46-48 WAS SAMPLED FOR LABORATORY ANALYSIS AND SPLIT ENTIRELY WITH LONGSHORE ENVIRONMENTAL. THE SAMPLE WAS SAND AND HAD NO PID READINGS.</p> <p>WARREN GEORGE GRATED THE BORING, REMOVED BOTH THE 4" AND 3" CASINGS, AND DELETED THE DRILLING TOOLS. THEY DRUMMED THE SOIL CUTTINGS AND DECON WITH THEM THEN MOVED TO THE BCS-11 LOCATION. THE BOREHOLE LOCATION IS CLOSE TO THE MAPPED LOCATION BUT NOT EXACT AS THERE ARE ADDITIONAL PRUNES IN THE WAY.</p> <p>WARREN GEORGE DRILLED BCS-11 TO 30' BEFORE QUITTING FOR THE DAY. THE MUD/SOIL INTERFACE WAS 22' FROM MUDLINE. PID READINGS WERE OBTAINED FROM SAMPLES FROM 12' TO 22', WITH THE HIGHEST IN THE 18-20 INTERVAL. BCS-11 18-20 WAS SAMPLED FOR LABORATORY ANALYSIS AND SPLIT ENTIRELY WITH LONGSHORE ENVIRONMENTAL. THIS SAMPLE HAD PID READINGS OF 42.2 PPM.</p>			
Contractor Forces & Equipment:			
<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required			
Recommendations:			
<input type="checkbox"/> Described <input type="checkbox"/> Attached <input checked="" type="checkbox"/> None			
Number of Attachments: None		Signed: 	
Continued on Back? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Distribution: Project Manager <input checked="" type="checkbox"/>		Nelson Abrams	
Others			
File Original <input checked="" type="checkbox"/>			

Location BROOKLYN NY Date 3/17/06

 Project / Client DDC-NYC
BUSHWICK GREEN INLET

AOT COMPLETED BUREAU BC-7
 TO 71' SAMPLE BC-7 60-62
 WAS COLLECTED FOR LABORATORY
 ANALYSIS AND VICE'S ONLY NOT
 SPLIT WITH THE GREENPOND MONITOR
 MUESUM PEOPLE THIS BUREAU
 WAS GROUND AND THE REG WAS
 MINED ON TO BC-8 LOCATION.
 DREAMS WERE CONSOLIDATED TO ONE
 PLACE HALF-50 NEAR THE SITE
 ESTIMATED USING A BUREAU

1500 PLE APPROX



 Location BROOKLYN NY Date 3/21/06

 Project / Client DDC-NYC
BUSHWICK GREEN INLET

WEATHER M Sunny CND 30's-40's
 L16 AT QUND
 PERSONAL E.A.S - M14
 5 LURDER - WINDY GROUND
 SUMMER 50' BUREAU
 (CND) BUREAU
 5:00 PM (CND) 1 PD SIGN 2:00 PM
 8:30 AM (CND) - GPS BUREAU
 BC-7 AND BC-8 (CND BUREAU)
 7:15 AM (CND) BUREAU - E.A.S
 CND SAMPLES BC-8 CORN
 SAMPLES TO GREENPOND MONITOR.
 8:00 CONTINUE ON BUREAU BC-10 -
 WILL IMPROVE 3" CND TO BUREAU
 BUREAU
 9:30 3" CND IN, BUREAU TO SAMPLE
 10:05 DUND 50' SAMPLE HITS NO BUREAU
 BUT CLAY IS ON ROSS, CONTINUE
 TO SAMPLE

Location BROOKLYN NY Date 3/24/06
Project / Client DDC-NYC
135th Street station area

10:30 CLAY 11 FOUND IN THE 50-52
SAMPLE - SAMPLE BAGGED SAMPLE
FROM TRUCK FOR "EVEN" SAMPLE

10:45 SAMPLE BCS-10 46-48 170
LABORATORY ANALYSIS, THIS SAMPLE
WAS DURED IN A PLASTIC BAGGIE
(ZIPLOC) ON FRIDAY AND STORED IN
A COOLER WITH ICE OUTSIDE. THE
TEMPERATURE OVER THE WEEKEND DID NOT
GO OVER 45°F SO THE SAMPLE
REMAINED COOL.

10:50 BEGIN TO REMOVE CASING +
RODS & GRANT BORING

11:20 RODS OUT - DOWN OUT AND TUB
+ DRUM SOIL CUTTING - BEGIN
DECON DRILLING TUBES

12:00 DECON COMPLETE / DRUM BEGINS
WATER BEGIN POUR TO BCS-11
LOCATION

Location BROOKLYN NY Date 3/24/06
Project / Client DDC-NYC
135th Street station area

12:25 MOVE ON TO BCS-11 LOCATION -
BORING LOCATION IS AS CLOSE TO
STAKE AS THE BONES COULD GET TO TUB
ARE SHIP MOVING PLUMBS IN THE WAY
THE BORE LOCATION IS CLOSE TO THE
MAPPED LOCATION

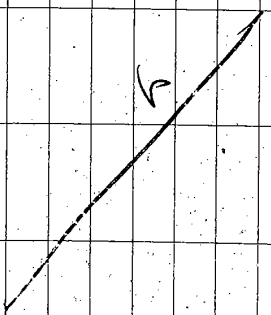
13:10 DOWN TO 18' WATER PID
RETINGS ARE OBTAINED FROM
12'-18' (12, 5.6 AND 8.5 FT
FOR THE 3 RESPECTIVE SPANS)

13:40 SAMPLES FROM 18' DOWN TO
22' HAVE PID READINGS
BELOW 22' IS A WHITE SLURRY
~~CLAY~~ ~~SLURRY~~ ~~SLURRY~~
SLURRY CUT LAYER (DECOMPOSITION BOUNDARY)

13:40 SAMPLES HIGHEST PID READING
BCS-11 18-20 FOR
LABORATORY ANALYSIS

13:45 11077-SUMMER AVENUE (CONCRETE
ELEVATION 11072)

Location BROOKLYN NY Date 3/24/06Project / Client DDC NYCBUSHWICK CREEK 11000

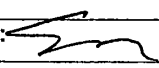
14:30	DOWN 30' FROM MUDGATE - NO PID READINGS FROM 22' - 30' - 22' - 30' IS A WHITE SILTY CLAY WITH SOME FINE SAND.
	DESTROY FLIGHT, AVERAGE EQUIPMENT FOR FREEZING TOLERANT BY DETECTING WATER FROM PUMPS
14:47	PICKS UP LONGS AND ENVIRONMENTAL SAMPLES
15:00	ALL OFFSITE
	
$\frac{10.5}{2.0}$	

Location BROOKLYN NY Date 3/22/06Project / Client DDC NYCBUSHWICK CREEK 11000

WEATHER	M SUNNY	LIGHT WIND - MOD WIND
	20's - 40's	
PERSONAL	E. A.C.S. - M.T.	
	5 LUGGAGE	> FORWARD STORAGE
	B. VEHICLE	
	WINDS DDC PERSONAL DISTANCE	
	(MAYBE (11000 - 12000))	
5:00	CALCULATE PID SPAN = 100ppm	
6:30	ARRIVE ON SITE	
7:15	WINDY GEORGE DISTANCE	
7:45	CONTINUE ON BORING BKS-71	
	FROM 30'	
10:05	DOWN 34' NO PID READINGS	
	FROM 30 - 34'	
11:00	DOWN 38' NO AVERAGE	
	PID READINGS	
	UNKNOWN DDC VISITORS ON SITE	
	(4) PEOPLE	

METCALF & EDDY, INC.
1140 Route 22 East - Suite 101
Bridgewater, NJ 08807
Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job #	60004548.01	Date:	3/22/06
Project Name:	BAYSIDE PETROCEUM / BUSHWICK CREEK INLET	Time Arrived:	6:30
Location:	BROOKLYN NY - KENT AVE	Time Departed:	15:00
Contractor on Site:	WARREN GEORGE	Weather:	M SUNNY
Contractor Equipment on Site:	DRILLING FLOAT W/ CME 55	Light - Mod Wind	
M&E Subcontractor On-Site:	N/A	Temp:	30's - 40's
M&E Subcontractor Equipment:	N/A		
Activities:			
WARREN GEORGE CONTINUED TO DRILL BCS-11 FROM 30' TO 54' FROM MUDLINE. THE RED/WHITE CLAY WAS ENCOUNTERED AT 53' AND PID READINGS WAS OBTAINED FROM SAMPLES FROM 30'-54'. SAMPLE BCS-11 30-52 WAS COLLECTED FOR LABORATORY ANALYSIS. A DUPLICATE SAMPLE, BCS-11 D 50-52, WAS COLLECTED FROM THE SAME SPOT FOR LABORATORY ANALYSIS.			
WARREN GEORGE REMOVED THE DRILL RODS AND 4' CASING AND GROUDED THE BOREHOLE (THROUGH THE CASING BEFORE IT WAS REMOVED). THEY DECONED THE DRILLING TOOLS (RODS, CASING, BITS). THE DRILL CUTTINGS AND DECON WATER WAS DRUMMED.			
WARREN GEORGE ELECTED NOT TO MOVE TODAY BECAUSE OF STRONG WINDS. THE MOTOR BATT WOULD HAVE A HARD TIME PUSHING THE FLOAT. THE FLOAT WILL BE MOVED TO ERS-9 FIRST THING TOMORROW.			
Contractor Forces & Equipment:			
<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required			
Recommendations:			
<input type="checkbox"/> Described <input type="checkbox"/> Attached <input checked="" type="checkbox"/> None			
Number of Attachments: None			
Signed: 			
Continued on Back? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Distribution: Project Manager <input checked="" type="checkbox"/> NELSON ABRAMS			
Others			
File Original <input checked="" type="checkbox"/>			

Location BROOKLYN NY Date 3/24/06Project / Client DDC NYCBUSHWICK CREEK INLET

14:30 DOWN 30' FROM MIDWATER - NO
PID READINGS FROM 22' - 30' -
22' - 30' IS A WHITE SILTY SOIL
WITH SOME F-M SAND.

DESTROYED FLIGHT, AERIAL EQUIPMENT
FIRE FIGHTING TOWER BY DETONATING
MATERIAL FROM ABOVE

MATT PICKS UP LONGS AND
SOMEWHERE SHOPS

15:00 ALL OFFSET

10.5
2.10

Location BROOKLYN NY Date 3/22/06Project / Client DDC NYCBUSHWICK CREEK INLET

WEATHER	M SUNNY	LIGHT WIND - MOD WIND
	20's - 40's	
PERSONNEL	5, ACS	- MTS
	5 LINDSEY	> FURNACE STONES
	3 VIGORANT	
	WINDS DDC PERSONNEL INSIDE	
	(HAPPY (11:00 - 12:00))	
5:00	CARLETON PWD	SPARK = 100 FPM
6:30	PROVE ON SITE	
7:15	WINDY GEORGE ON SITE	
7:45	CONTINUE ON BORING RES-TI	
	FROM 30'	
10:05	DOWN 34'	NO PID READINGS
	FROM 30-34'	
11:00	DOWN 38'	NO AIRBORNE
	PID READINGS	
	UNKNOWN DDC VISITORS ON SITE	
	(4) PEOPLE	

Location BROOKLYN NY Date 3/22/04
 Project / Client JDC - NYC
BUSMANICK OFFICE AREA

12:00	VISITORS OFFICE
12:40	DOWN 50' NO PID REMAINS FROM 38'-50'
13:30	DOWN 54' FROM MOUND - ENCOUNTER RED/WHITE CLAY AT 53'
13:30	SAMPLE BGS-11 50-52 FTL UNDERSTANDING ANALYSIS - SIMPLY HAS NO PID REMAINS AND IS A BROWN FINE - MEDIUM SAND - ALSO A DUPLICATE SAMPLE BGS-11 D 50-52 WAS TAKEN FOR LABORATORY ANALYSIS FROM THE SAME SPOT.
13:40	BEGIN TO REMOVE RODS FROM BARELY AND REMOVE CASING
14:00	RODS + CASING OUT - BEGIN DECON BEGIN DECON
14:25	DECON COMPLETE - BEGIN TO PULL 2004 FROM SOIL CURTAIN & OPEN WATER
15:00	ALL OFFSITE

Location BROOKLYN NY Date 3/23/04
 Project / Client JDC - NYC
EMBT RUBER BERMES

WENT TO	IN SUNNY CLOUD
MOD WIND	30's - 40's
PERSONAL	- EYES - MTC
	5 LABORERS
	13 VERTICALLY
	WINDY GEOL.
5:00	CALCULATE (1) PID - SPAN = 100 ft
6:30	ARRIVE ON SITE
7:20	WINDY GEOL. REMAINS
7:45	ATTEMPT TO MOVE PLANT TO
	ERS - 9 LOCATION WIND IS MODERATE
	SO 25 HP OUTBOARD IS USED.
	THE LOCATION AS STUMP ON THE DEBRIS
	IS NOT POSSIBLE. THE DEBRIS IS
	NOT CONNECT AS THE PILING CAME OUT

METCALF & EDDY, INC.
1140 Route 22 East – Suite 101
Bridgewater, NJ 08807
Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job # 60004548.01	Date: 03/14/06
Project Name: Bayside Petroleum (DDC)	Time Arrived: 7:00
Location: Bushwick Creek Inlet, Brooklyn, NY	Time Departed: 15:00
Contractor on Site: Aquifer Drilling & Testing, Inc.	Weather: Light drizzle (AM)
Contractor Equipment on Site: Track mounted drill rig and support truck	Clear & sunny (PM)
DDC Subcontractor On-Site: Warren George	Temp: 45 – 50 °F
DDC Subcontractor Equipment: Drilling float with CME-55	
Activities:	
<ul style="list-style-type: none">- Advanced the borehole BC-1 to a depth of 39 ft bgs collecting split spoon soil samples continuously. The PID readings recorded within the headspace of the soil samples collected from 5 to 25 ft bgs ranged from 2.5 to 9.4 ppm.- A soil sample was collected at BC-1 from 21 to 23 ft bgs (BC-1 21-23) that will be submitted to the lab for VOCs, SVOCs, PCBs, TAL Metals, and Cyanide analyses. A split sample from the same depth was collected for Longshore Environmental, Inc.- According to the Community Air Monitoring Plan (CAMP), a PID and a DataRAM (dust meter) were used onsite to screen the breathing zone and downgradient of the work area. No exceedances were noted on either of these instruments.	
Discrepancies: None	
Recommendations: None	
Contractor Forces & Equipment:	
<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required	
Recommendations:	
<input type="checkbox"/> Described <input type="checkbox"/> Attached <input checked="" type="checkbox"/> None	
Number of Attachments: Field Log	Signed: Sirish Musthyala
Continued on Back? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Distribution: Project Manager <input checked="" type="checkbox"/>	
File Original <input checked="" type="checkbox"/>	

18 08/13/06

1400 CREW RANCHED THE DEAN M26
AT BC-1
- MOVED ALL THE DANGY
AWAY TO THE DEAN PAD
AND (WENT) THEM UP
A WALKING HOSE CONNECTED
TO A FAN H-THAT
1440 APT CREW LEFT THE SITE
FOR THE DAY.
1500 LEFT THE SITE FOR THE
DAY

My Sister

19

9/14/06

PROJECT: BUSHWICK CREEK ZWERT, SA 200L-10
WENT FOR: LACHT RAN 60-50°F
THIS ANCHORED ON SITE.
THE WAS CRY WITH ON SITE
THE APT CRY WITH ON SITE.
THE CREW STAYED TO LAY THE SUPPORT
PICK WITH CRY ANCHORS.
- PLUG UP ADAPTER TOOLS AND
SPEAK FROM BC-2 AND BLOW-HIT THE
SUPPORT TOWN TO BC-1
900 STAYED PRESENT AT BC-1
AND THE TOWN PLUG THE 5' OF ANCHOR
AND HE DROPPED TO THE SPOT FOR THE
SHE REMOVED AS BC-1 HAVE WITH ANCHOR
WENT NOT WORK IN STAGNANT DUE
TO LONG OBSERVATION AT APPROX. 6' 50.5g.
THE CREW IMPROVED DUE TO WITH WATER
TO BE IMPROVED AND BE RESPONSIBLE TO
GET A NEW CRY HERE.
THE STAYED AND THE (DUE) WITH WATER
TO STAYED BOWEN (G. H. 100).
- STAYED IMPROVED THAT #21 YET TO HOLD
SHE FROM NOT A TWO INLANDS TO STAY
TO BC-1 & GET 8.

28/11/06

1115 COVERED A SOIL SAMPLE FROM
BC-1 21-23' BCL
1145 CRAW 5.10 BCL FOR UNIT
1220 CRAW 5.10 BCL TO MEASURE RUN
25' 9 BCL
1320 JIM & GREG COMPLETED
AND COLLECTED THAT UNIT
LEG. ONE UNIT US AT THE
OTHER HOLE WITH TO THE
AT BC-7 & BC-8.
1340 CRAW ENCOUNTERED A BOWLER OR
SOME PEBBLES AT APPROX.
30' BCL AND WENT TO
DOWN THROUGH IT.
1430 ADVANCED THE BOWLER BC-1
TO A DEPTH OF 39' BCL. CRAW
STOPPED BECAUSE OF THE PIT
AND WENT TO THE TOP OF THE
SUPPORT TOWER.
1500 LEFT THE SITE FOR THE
DAY

~~by Smith~~

09/15/06

1115 PAGES, BUSHY CRACK, BUSHY CRACK
WEATHER: SUNNY & WINDY 20-30°F
1145 ACRACKED ON SITE
1220 FET CRAW WAS ON SITE
215 END CRAW WAS ON SITE
720 CRAW STARTED TO CLIMB AT
DOWNHILL BC-1 FROM 31' BCL
930 ADVANCED THE BOWLER BC-1
FROM 31' BCL TO 39' BCL
DOWNHILL CRAW WAS ON SITE
1010 COLLECTED A SOIL SAMPLE AT
BC-1 FROM 39' BCL
1145 ADVANCED A SOIL SAMPLE
AT BC-1 FROM 39' BCL
1145 CRAW WAS ON SITE
1220 CRAW STARTED TO CLIMB
THE BOWLER BC-1 TO A DEPTH OF
39' BCL
1320 CRAW WAS ON SITE
1330 CRAW COMPLETED FOR THE

METCALF & EDDY, INC.
1140 Route 22 East – Suite 101
Bridgewater, NJ 08807
Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job # 60004548.01	Date: 03/15/06
Project Name: Bayside Petroleum (DDC)	Time Arrived: 7:00
Location: Bushwick Creek Inlet, Brooklyn, NY	Time Departed: 15:00
Contractor on Site: Aquifer Drilling & Testing, Inc.	Weather: Clear & sunny, very windy
Contractor Equipment on Site: Track mounted drill rig and support truck	
DDC Subcontractor On-Site: Warren George	Temp: 20 – 30 °F
DDC Subcontractor Equipment: Drilling float with CME-55	
Activities:	
<ul style="list-style-type: none">- Advanced and completed the borehole BC-1 to a depth of 70 ft bgs collecting split spoon soil samples continuously to a depth of 51 ft bgs and at 5-foot intervals from 51 to 70 ft bgs.- A soil sample was collected at BC-1 from 60 to 62 ft bgs (BC-1 60-62) that will be submitted to the lab for VOCs, SVOCs, PCBs, TAL Metals, and Cyanide analyses. A split sample from the same depth was collected for Longshore Environmental, Inc.- Grouted the borehole BC-1 using a mixture of Portland cement and quick gel.- Generated a 55-gallon drum with drill cuttings from borehole BC-1.- According to the Community Air Monitoring Plan (CAMP), a PID and a DataRAM (dust meter) were used onsite to screen the breathing zone and downgradient of the work area. No exceedances were noted on either of these instruments.	
Discrepancies: None	
Recommendations: None	
Contractor Forces & Equipment:	
<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required	
Recommendations:	
<input type="checkbox"/> Described <input type="checkbox"/> Attached <input checked="" type="checkbox"/> None	
Number of Attachments: Field Log	Signed: Sirish Musthyala
Continued on Back? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Distribution: Project Manager <input checked="" type="checkbox"/>	
File Original <input checked="" type="checkbox"/>	

83/1506

ADGEN FROM THE GROUND.
- MIXED SW WALK W/L AND
PORTLAND CRACKS TO CROWN
THE BONDHOLE.
- DEMOLITION FROM DE-1 TO
CROWN THE AVENUE ON THE
DE CONRAD.

1415 WALKED TO THE STAIR CASE
OR THE LATE TO THE STAIR TO
THE CREW FOR TOMORROW
MORNING TO DECON BC-74
BC-8.

1430 CREW LEFT THE SITE.
1500 LEFT THE SITE FOR THE DAY

~~my friend~~

03/16/06

PROJ: BUSHWACK CREEK ZWIST MOUNTAIN
W/THIN: 40-45 I-

645 ARRIVED ON SITE
650 ARRIVED AT THE PORTLAND CRACK
TO THE MOUNTAIN CRACK PROJECT
NO ONE WAS THERE TO OPEN THE GATE.

700 ARRIVED AT THE MOUNTAIN
CRACK PROJECT TO THE GATE.

715 WE CREW ARRIVED ON SITE
730 ADT CREW ARRIVED THAT CREW
PORTAL WAS ON SITE AND MOUNTAIN
WALKED TO DECON BC-7.

735 ARRIVED AT DECON
MET DANZLE AND HER HUSBAND
LORCE WYMAN PERSON
GREEN PONY MOUNTAIN WALK

745 CREW ON LOADING THE PONY
TRUCK AND WENT TO THE GATE
AVE ALLEN GATE TO DECON
IN THE PONY CRACK.

815 DECON E. (DECON) WAS ON SITE.
JIM CONRAD WENT THAT WE COULD
WALK ON THE DAY TO DECON
AT THE BONDHOLE, MOUNTAIN AND

METCALF & EDDY, INC.
1140 Route 22 East – Suite 101
Bridgewater, NJ 08807
Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job # 60004548.01	Date: 03/16/06
Project Name: Bayside Petroleum (DDC)	Time Arrived: 7:00
Location: Bushwick Creek Inlet, Brooklyn, NY	Time Departed: 15:00
Contractor on Site: Aquifer Drilling & Testing, Inc.	Weather: Clear & sunny
Contractor Equipment on Site: Track mounted drill rig and support truck	
DDC Subcontractor On-Site: Warren George	Temp: 30 – 40 °F
DDC Subcontractor Equipment: Drilling float with CME-55	
Activities:	
- Advanced the borehole BC-7 to a depth of 43 ft bgs collecting split spoon soil samples continuously.	
- A soil sample was collected at BC-7 from 13 to 15 ft bgs (BC-7 13-15) that will be submitted to the lab for VOCs, SVOCs, PCBs, TAL Metals, and Cyanide analyses. A split sample from the same depth was collected for Greenpoint Monitor Museum (GMM) personnel.	
- ADT crew decontaminated the augers on the decon pad at the end of the day.	
- Jim Romeo (DDC) and Janice Weinman (GMM) agreed that ADT crew can move their equipment from their property to the main entrance gate for Friday and Saturday's work.	
- The drill rig broke down for 1.5 hours from 10:15 AM to 11:45 AM. ADT mechanic was onsite and repaired the drill rig.	
- According to the Community Air Monitoring Plan (CAMP), a PID and a DataRAM (dust meter) were used onsite to screen the breathing zone and downgradient of the work area. No exceedances were noted on either of these instruments.	
Discrepancies: None	
Recommendations: None	
Contractor Forces & Equipment:	
<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required	
Recommendations:	
<input type="checkbox"/> Described <input type="checkbox"/> Attached <input checked="" type="checkbox"/> None	
Number of Attachments: Field Log	Signed: Sirish Musthyala
Continued on Back? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Distribution: Project Manager <input checked="" type="checkbox"/>	
File Original <input checked="" type="checkbox"/>	

03/16/06

PROJECT: BULLWACK CREEK ZOO, FROST LYNCH
WEATHER: SUNNY 40-45°F

645 ARRIVED ON SITE
650 ARRIVED AT THE PORTLAND GATE
TO THE MONTANA ENTER PRISON SITE
NO ONE WAS THERE TO OPEN THE GATE.
700 ARRIVED BACK AT THE PRISON
ENTRANCE TO THE GATE.

715 WU CREW ARRIVED ON SITE
730 ADT CREW EVACUATED THAT GUN
POCKET LOT WAS ON SITE AND MOVED
ACROSS TO DRIVE BC-7.

735 ARRIVED AT BC-7.
MET DANIEL AND HER HUSBAND
LEONCE WEGMAN FROM
CROWN POINT MUSEUM WENT

745 ONCE EVACUATED THE LOGGING
TRUCK AND WENT TO THE GUN
ARE A CROWN GATE TO BEAR
IN THE DOCK PARK.

815 JAN 2. (D.D.) WAS ON SITE.
THAT EVENING TO THAT WE COULD
WALK ON SATURDAY TO 1305 ST
AT THE PORTLAND, MORE DRIVING AND

03/15/06

ARRIVED FROM THE FOLLOWING.
- MINED IN ROCKS AT AND
PORTLAND CREEK TO CROWN
THE PORTLAND
DEMOBILIZED FROM DR-1 TO
CROWN THE GUN ON THE
DE CONRAD.

1415 WALKED TO THE STAFF CAMP
OF THE LAKE TO THE LAKE
THE CREW FOR TOMORROW
WENT TO DRIVE BC-74
BC-8.

1430 CREW LEFT THE SITE.
1500 LEFT THE SITE FOR THE DAY

~~My Sister~~

24 1616

16106

Blackburn County

- Jim and Angela 4 weeks
(Marriage) indicated that
we can move the engagement
photos taken late to the
Maggie Sette Apartments last
April about 4000 Rittenburg
and not a whole lot of them
remain on an Saturday

- PREVIOUS THAT DAY IN THE TRIP, NEW OR CO DOWN TO PUNISH AGAIN RUN THE DISCIPLINE AND SUPPORT WORK SO THAT THEY CAN GET THROUGH THE MONTH ALL DAY ON FRIDAY & SATURDAY JANUARY 9 JAN. JUNE 2000 THAT IS WHY OKAY TO KNOW DOWN THE TRIP FOR ALL TO THE STATE.

Q930	Am (DPC)	(DET 745 BR.
------	----------	--------------

1000 Jang & Jang (2000)

Also let the set ω_2 of \mathbb{R}^n

THAT	THey	would of	SAK
------	------	----------	-----

Arrived 2:30 pm TRS

25

03/06/08

~~Let's move on to~~ close the gate.

for analyzing the contents of A

Time	Temp	Pressure	Flow	Notes
11:00	23	2.0	1.0	Start of
11:15	23	2.0	1.0	Stop of
11:30	23	2.0	1.0	Start of
11:45	23	2.0	1.0	Stop of
12:00	23	2.0	1.0	Start of
12:15	23	2.0	1.0	Stop of
12:30	23	2.0	1.0	Start of
12:45	23	2.0	1.0	Stop of
13:00	23	2.0	1.0	Start of
13:15	23	2.0	1.0	Stop of
13:30	23	2.0	1.0	Start of
13:45	23	2.0	1.0	Stop of
14:00	23	2.0	1.0	Start of
14:15	23	2.0	1.0	Stop of
14:30	23	2.0	1.0	Start of
14:45	23	2.0	1.0	Stop of
15:00	23	2.0	1.0	Start of
15:15	23	2.0	1.0	Stop of
15:30	23	2.0	1.0	Start of
15:45	23	2.0	1.0	Stop of
16:00	23	2.0	1.0	Start of
16:15	23	2.0	1.0	Stop of
16:30	23	2.0	1.0	Start of
16:45	23	2.0	1.0	Stop of
17:00	23	2.0	1.0	Start of
17:15	23	2.0	1.0	Stop of
17:30	23	2.0	1.0	Start of
17:45	23	2.0	1.0	Stop of
18:00	23	2.0	1.0	Start of
18:15	23	2.0	1.0	Stop of
18:30	23	2.0	1.0	Start of
18:45	23	2.0	1.0	Stop of
19:00	23	2.0	1.0	Start of
19:15	23	2.0	1.0	Stop of
19:30	23	2.0	1.0	Start of
19:45	23	2.0	1.0	Stop of
20:00	23	2.0	1.0	Start of
20:15	23	2.0	1.0	Stop of
20:30	23	2.0	1.0	Start of
20:45	23	2.0	1.0	Stop of
21:00	23	2.0	1.0	Start of
21:15	23	2.0	1.0	Stop of
21:30	23	2.0	1.0	Start of
21:45	23	2.0	1.0	Stop of
22:00	23	2.0	1.0	Start of
22:15	23	2.0	1.0	Stop of
22:30	23	2.0	1.0	Start of
22:45	23	2.0	1.0	Stop of
23:00	23	2.0	1.0	Start of
23:15	23	2.0	1.0	Stop of
23:30	23	2.0	1.0	Start of
23:45	23	2.0	1.0	Stop of
24:00	23	2.0	1.0	Start of
24:15	23	2.0	1.0	Stop of
24:30	23	2.0	1.0	Start of
24:45	23	2.0	1.0	Stop of
25:00	23	2.0	1.0	Start of
25:15	23	2.0	1.0	Stop of
25:30	23	2.0	1.0	Start of
25:45	23	2.0	1.0	Stop of
26:00	23	2.0	1.0	Start of
26:15	23	2.0	1.0	Stop of
26:30	23	2.0	1.0	Start of
26:45	23	2.0	1.0	Stop of
27:00	23	2.0	1.0	Start of
27:15	23	2.0	1.0	Stop of
27:30	23	2.0	1.0	Start of
27:45	23	2.0	1.0	Stop of
28:00	23	2.0	1.0	Start of
28:15	23	2.0	1.0	Stop of
28:30	23	2.0	1.0	Start of
28:45	23	2.0	1.0	Stop of
29:00	23	2.0	1.0	Start of
29:15	23	2.0	1.0	Stop of
29:30	23	2.0	1.0	Start of
29:45	23	2.0	1.0	Stop of
30:00	23	2.0	1.0	Start of
30:15	23	2.0	1	

$\frac{d}{dt} \left(\frac{1}{r^2} \right) = -\frac{2}{r^3} \frac{dr}{dt}$

02-11-18, REMF 7:50 PM 10/16/18

[illegible][illegible]

1. What is the main purpose of the document?
 2. What are the key findings of the study?
 3. What are the implications of the findings?
 4. What are the limitations of the study?
 5. What are the conclusions of the study?

[illegible]

1. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$
 2. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$
 3. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$
 4. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$
 5. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$
 6. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$
 7. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$
 8. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$
 9. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$
 10. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

[illegible][illegible][illegible][illegible][illegible]

100 - My telephone call the son the Tomford

Q. No.	Q. Title	Ans.	Mark	Time
134	Q. 1. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
135	Q. 2. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
136	Q. 3. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
137	Q. 4. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
138	Q. 5. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
139	Q. 6. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
140	Q. 7. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
141	Q. 8. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
142	Q. 9. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
143	Q. 10. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
144	Q. 11. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
145	Q. 12. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
146	Q. 13. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
147	Q. 14. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
148	Q. 15. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
149	Q. 16. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
150	Q. 17. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
151	Q. 18. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
152	Q. 19. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
153	Q. 20. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
154	Q. 21. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
155	Q. 22. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
156	Q. 23. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
157	Q. 24. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
158	Q. 25. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
159	Q. 26. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
160	Q. 27. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
161	Q. 28. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
162	Q. 29. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
163	Q. 30. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
164	Q. 31. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
165	Q. 32. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
166	Q. 33. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
167	Q. 34. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
168	Q. 35. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
169	Q. 36. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
170	Q. 37. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
171	Q. 38. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
172	Q. 39. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
173	Q. 40. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
174	Q. 41. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
175	Q. 42. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
176	Q. 43. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
177	Q. 44. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
178	Q. 45. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
179	Q. 46. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
180	Q. 47. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
181	Q. 48. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
182	Q. 49. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
183	Q. 50. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
184	Q. 51. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
185	Q. 52. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
186	Q. 53. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
187	Q. 54. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
188	Q. 55. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
189	Q. 56. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
190	Q. 57. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
191	Q. 58. $\frac{1}{2}$	$\frac{1}{2}$	4	1/2
192	Q. 59. $\frac{1}{2}$	$\frac{1$		

about 1000

NAME	DATE	TIME	LOCATION
1.1.1.1	1.1.1.1	1.1.1.1	1.1.1.1

1. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

	Lotus total	twv:	CLA cases
1	0	11-20	this party from

Time	Location	Notes
4:10	Down	Woods
4:15	Down	Woods
4:20	Down	Woods
4:25	Down	Woods
4:30	Down	Woods
4:35	Down	Woods
4:40	Down	Woods
4:45	Down	Woods
4:50	Down	Woods
4:55	Down	Woods
5:00	Down	Woods
5:05	Down	Woods
5:10	Down	Woods
5:15	Down	Woods
5:20	Down	Woods
5:25	Down	Woods
5:30	Down	Woods
5:35	Down	Woods
5:40	Down	Woods
5:45	Down	Woods
5:50	Down	Woods
5:55	Down	Woods
6:00	Down	Woods
6:05	Down	Woods
6:10	Down	Woods
6:15	Down	Woods
6:20	Down	Woods
6:25	Down	Woods
6:30	Down	Woods
6:35	Down	Woods
6:40	Down	Woods
6:45	Down	Woods
6:50	Down	Woods
6:55	Down	Woods
7:00	Down	Woods
7:05	Down	Woods
7:10	Down	Woods
7:15	Down	Woods
7:20	Down	Woods
7:25	Down	Woods
7:30	Down	Woods
7:35	Down	Woods
7:40	Down	Woods
7:45	Down	Woods
7:50	Down	Woods
7:55	Down	Woods
8:00	Down	Woods
8:05	Down	Woods
8:10	Down	Woods
8:15	Down	Woods
8:20	Down	Woods
8:25	Down	Woods
8:30	Down	Woods
8:35	Down	Woods
8:40	Down	Woods
8:45	Down	Woods
8:50	Down	Woods
8:55	Down	Woods
9:00	Down	Woods
9:05	Down	Woods
9:10	Down	Woods
9:15	Down	Woods
9:20	Down	Woods
9:25	Down	Woods
9:30	Down	Woods
9:35	Down	Woods
9:40	Down	Woods
9:45	Down	Woods
9:50	Down	Woods
9:55	Down	Woods
10:00	Down	Woods
10:05	Down	Woods
10:10	Down	Woods
10:15	Down	Woods
10:20	Down	Woods
10:25	Down	Woods
10:30	Down	Woods
10:35	Down	Woods
10:40	Down	Woods
10:45	Down	Woods
10:50	Down	Woods
10:55	Down	Woods
11:00	Down	Woods
11:05	Down	Woods
11:10	Down	Woods
11:15	Down	Woods
11:20	Down	Woods
11:25	Down	Woods
11:30	Down	Woods
11:35	Down	Woods
11:40	Down	Woods
11:45	Down	Woods
11:50	Down	Woods
11:55	Down	Woods
12:00	Down	Woods
12:05	Down	Woods
12:10	Down	Woods
12:15	Down	Woods
12:20	Down	Woods
12:25	Down	Woods
12:30	Down	Woods
12:35	Down	Woods
12:40	Down	Woods
12:45	Down	Woods
12:50	Down	Woods
12:55	Down	Woods
1:00	Down	Woods
1:05	Down	Woods
1:10	Down	Woods
1:15	Down	Woods
1:20	Down	Woods
1:25	Down	Woods
1:30	Down	Woods
1:35	Down	Woods
1:40	Down	Woods
1:45	Down	Woods
1:50	Down	Woods
1:55	Down	Woods
2:00	Down	Woods
2:05	Down	Woods
2:10	Down	Woods
2:15	Down	Woods
2:20	Down	Woods
2:25	Down	Woods
2:30	Down	Woods
2:35	Down	

[illegible]

3. $u^2 + v^2 = 1$ (unit circle)

[illegible]

diff. of soft mss. (2/10/11)

26/16/06

OVERGRO AT BC-1 13-15 ON THE
TO HAY.

1435 ARRIVED AT THE MOUNTAIN
CAMP, CAME WITH DELONDA AND
THE ARMY ON THE BELOW
PLOT.

- LABIUM THE 1000 SAMPLE
JAN AND (DUG) THEN
IN THE SAMPLE (THAT) BURN
SHEET AND (GIVEN) OF
COSTLY.

1645 ENG HANDLED OVER THE
SPAT 1000 (SOME) SAMPLES
WENT TO LONGHORN ENV.
REPRESENTATIVES.

1510 LEFT THE SITE FOR THE
DAY

~~BY S. S. S.~~

27

08/17/06

PROJECT: BATH VEHICLE CUPOL BUILT
LOCATION: CLEARKS BERRY CO. 15-17

645 ARRIVED ON SITE. AT 1000 WAT
ALREADY ON SITE. WATZON FAN
THE (COUNTESS) MUSEUM (MUSEUM) (MUSEUM)
REPRESENTATIVES TO PROVIDE ACCESS
TO THE SITE.

715 WATZON ARRIVED ON SITE.
730 BDT CAME TO SITE TO DRIVE AT

BC-7 ENVI (S) 300.
900 CAME ON SITE. AT 1000 WATZON
AT APPROX 10:15 AM AT BC-7 AND BARE
GIVEN (COUNTESS) ON 15-17 FAN (CAMP)
(15-17) (MOUNT).

905 SPAT 1000 WATZON A (MOUNT) WATZON
IN LOCATED THAT WE COULD ABANDON
THE (COUNTESS) 15-17 AND MOVE TO 15-18.
WATZON AND (COUNTESS) THAT THE (COUNTESS)
REPRESENTATIVES ON (COUNTESS) (COUNTESS) (COUNTESS)
BC-8 TO CAMP (COUNTESS) AND (COUNTESS)
FAN (COUNTESS) (COUNTESS) (COUNTESS) (COUNTESS)
TO 15-17 (COUNTESS) AND (COUNTESS) (COUNTESS)
A (COUNTESS).



CHAIN OF CUSTODY RECORD

AMERISCI BOSTON
8 School Street ~ Weymouth, MA 02189
888.724.5221 Toll Free
781.337.9334 Phone ~ 781.337.7642 Fax

www.amerisci.com

AMERISCI Job No. _____

DUE DATE:

☐ 1 DAY ☐ 2 DAY ☐ 3 DAY ☒ 5 DAY ☐ 7 DAY ☐ 10 DAY

DATA PACKAGE:

PAGE 1 OF 1

TEMP UPON RECEIPT:

P.O.#

COMPANY: METCALF & EDDY INC
ADDRESS: 1140 ROUTE 22 EAST, BEDFORD, NJ 08807
PHONE: (908) 947-0276 FAX 1: (908) 707-8876 FAX 2:
CLIENT CONTACT: NELSON ABRAMS EMAIL: NELSON.ABRAMS@M-E.AEUM.COM
PROJECT NAME: RAYSON PETROLEUM BUSHAUSEN PROJECT NUMBER: 6000 4548.01 PROJECT STATE: NY
MATRIX: A-WATER S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS CONTAINER: P-PLASTIC
WI-WIPES C-CASSETTES W-WASTE O-OTHER CONTAINER: G-GLASS V-VOA

LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	SIZE	TYPE	#	DATE	TIME	TECH	CONTAINER	SAMPLING INFORMATION	CH-AB (C) OR COMPOSITE (C)	FRESH-WATER	SAMPLE DRY-WEIGHT	Notes:
BC-2	60-62	SOIL	20g	GLASS	2	03/13/06	1015	SM	G	NA	X	X	X	MODIFIED
BCS-7	44-46				2	03/13/06	1010	EA	G	NA	X	X	X	ASB PACKAGE
BCS-8	24-26				2	03/13/06	1330	EA	G	NA	X	X	X	PER
BCS-8	48-50				2	03/14/06	1130	EA	G	NA	X	X	X	NE7 SON
BC-1	21-23				2	03/14/06	1115	SM	G	NA	X	X	X	AB/AMAS
BC-1	60-62				2	03/15/06	1010	SM	G	NA	X	X	X	OR MAC
BCS-9	16-18				2	03/15/06	1230	EA	G	NA	X	X	X	
BC-7	13-15				2	03/16/06	945	SM	G	NA	X	X	X	OVER 1500
BCS-9	42-44	SOIL	20g	GLASS	2	03/16/06	1100	CA	G	NA	X	X	X	CALC N. ASB
BCS-10	12-14				2	03/16/06	1445	EA	G	NA	X	X	X	908 947 027

SAMPLED BY: (PRINT) GREGORY MUSTHYAZA / ERIC ACS DATE: 03/16/06 RECEIVED BY: (PRINT) _____
(SIGN) M. Sivignani (Signature) (Sign)
RELINQUISHED BY: (PRINT) _____ DATE: _____ RECEIVED BY: (PRINT) _____
(SIGN) (Sign)
RELINQUISHED BY: (PRINT) _____ DATE: _____ RECEIVED FOR LABORATORY BY: (PRINT) _____
(SIGN) (Sign)

METCALF & EDDY, INC.
1140 Route 22 East – Suite 101
Bridgewater, NJ 08807
Phone: 908-707-8874, Fax: 908-707-8894

DAILY FIELD REPORT

Job # 60004548.01	Date: 03/17/06
Project Name: Bayside Petroleum (DDC)	Time Arrived: 7:00
Location: Bushwick Creek Inlet, Brooklyn, NY	Time Departed: 15:00
Contractor on Site: Aquifer Drilling & Testing, Inc.	Weather: Clear & sunny
Contractor Equipment on Site: Track mounted drill rig and support truck	
DDC Subcontractor On-Site: Warren George	Temp: 30 – 40 °F
DDC Subcontractor Equipment: Drilling float with CME-55	
Activities:	
<ul style="list-style-type: none"> - Advanced and completed the borehole BC-7 to a depth of 71 ft bgs collecting continuous split spoon samples to a depth of 51 ft bgs and at 5-foot intervals from 51 to 71 ft bgs. - Encountered an obstruction at approximately 49 ft bgs and had to drill for about 30 minutes to advance the borehole beyond this depth. - A soil sample was collected at BC-7 from 60 to 62 ft bgs (BC-7 60-62) that was submitted to the lab for VOCs, SVOCS, PCBs, TAL Metals and Cyanide analyses. A split sample was also collected for Greenpoint Monitor Museum personnel. - The borehole BC-7 was grouted with a mixture of Portland cement and bentonite slurry. - Another crew from ADT was onsite with a Bobcat and moved all the 55-gallon drums to a central location next to the decon pad near the site entrance for easy access. The crew also consolidated all the plastic sheeting and project trash into two 55-gallon drums. Boreholes BC-1 to BC-7 were all backfilled to grade. - According to the Community Air Monitoring Plan (CAMP), a PID and a DataRAM (dust meter) were used onsite to screen the breathing zone and downgradient of the work area. No exceedances were noted on either of these instruments. 	
Discrepancies: None	
Recommendations: None	
Contractor Forces & Equipment:	
<input checked="" type="checkbox"/> Described <input type="checkbox"/> Attached <input type="checkbox"/> None <input type="checkbox"/> Report not Required	
Recommendations:	
<input type="checkbox"/> Described <input type="checkbox"/> Attached <input checked="" type="checkbox"/> None	
Number of Attachments: Field Log	Signed: Sirish Musthyala
Continued on Back? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Distribution: Project Manager <input checked="" type="checkbox"/>	
File Original <input checked="" type="checkbox"/>	

26
03/16/04

COVERED AT BC-113-15 WITH
TO HAY.

1435 ARRIVED AT THE WASH. ACRES
CARE, CAME WITH DELOMONTA
THE ARROWS ON THE BELOW
PLOT.

- LABELED THE 1001 SAMPLE
JAN AND (JULY) THEN
THE SAMPLE (E. THACREAN
SHEET AND) CHASED OR
COSTLY.

1445 ENAC HANDLED OVER THE
SPRAY GEL MEDANENT SAMPLES
WENT TO LONGSHORE ENV.
REPAIRS/REPAIRS.

1510 LEFT THE SITE FOR THE
DAY

44
1/10/04

27

03/17/06

PROJECT: BUSH WICK CREEK ZOOET
WEATHER: CLEAR & SUNNY 60-75°F

645 ARRIVED ON SITE. ADT CREW WAS
ALREADY ON SITE. WAZZAM FAN
THE COUNTRYSIDE MUSEUM (CMM)
REPRESENTATIVES TO PROVIDE ACCESS
TO THE SITE.

715 WAZZAM CREW ARRIVED ON SITE
730 BDT CREW STARTED TO DIG AT
BC-7 FAN 43'34".

900 CMM ON CAMPUS AND OBSERVATION
AT APPROX 49'8" BY AT BC-7 AND BARE
GROW CONDITIONS ON 24 FAN (ADT
15-20 WANTED).

905 SPoke WITH NELSON A. (MUEL) WHO
INFORMED THAT WE COULD ABANDON
THE BUSH WICK 32-7 AND MOVE TO 32-8.
NELSON HAS SUGGESTED THAT IF THAT
PERMITS ON LANTERNY ACTION DELEGATE
BC-8 TO COME BACK AND DIG IN
AND GET AWAY FROM 32-7. DRASTICALLY
TO 49'34" AND ADVANCE THE
BUSH WICK.

28/17/06

CHAS M. (ADT) WAS OUTSIDE
WITH A ROCKET TO MOVE THE
STATION TRAIL TO A. CENTRAL
LOCATION.

STAND CHAS M. THAT IN
TRAIL SHOULD BE STAYED MOST
TO DEPEND FOR RAINY DAYS.
- ALSO CONSIDER DATE TRAIL END

ONE OF IT IS JUST FOR
- EXCHANGE THE FOLLOWING
FROM TRAIL CUTTING

- EXCHANGE CONSIDER TO
GATE. CONSIDER TRAIL END
ONE TRAIL.

1000 JANE & JANE WELMAN
LEFT THE SITE TO CONSIDER
AROUND 2 PM TO CLOSE THE
ACCESS GATE.

1005 CHAS WERE ABLE TO APPROX
THE STATION 157 AND 158 BY
THE LITTLE DUCK THE
STATION SWAY INTO THE
STATION.

1005 LOCATED A STATION FROM
SC-7 FROM 80-62' BS

23/17/06

AND SPENT THE DAY STAYING
CLOSED POINT MONTANA WISCONSIN (K. W. M.)
CLOSING.

1105 CHAS ADVANCED THE STATION TO
A DEPTH OF 71' BS. (W. W. W. W.)
CLOSING AT THE TOP OF THE STATION.
1130 WALKED THE SITE TO KENNY THE
WALKING OPERATED BY CHAS (ADT)

- CHAS STAYED ALL THE STATION FROM
SC-1 TO SC-6 NEXT TO DEPEND
AND

- BACKFILL ALL THE BOREHOLES
SC-1 TO SC-6

- REMOVED THE PLASTIC AND CONSIDERED
ZAND A DRAIN WITH DRAIN CUTTING.
- PHOTO DOCUMENTED THE CLEANING
OPERATION.

1105 CHAS LEFT 2 PM WELMAN
1205 CHAS STAYED FROM WELMAN
- CHAS STAYED TO FULL AUGUST RUN
SC-7 AND STAYED BY THE STATION
OF PULLING TWICE

1200 CHAS STAYED A DRAIN
AT THE STATION FROM THERE AND A

12/17/68

TOTAL OF 16 JARS
 BC-1 TO BC-7.
 - AN BOTTLES WERE RETURNED TO GLADE.
 1100 CROW COMPLETED REMOVAL FROM BC-3 AND MOVED THE AREA TO BC-8.
 - COLLECTED THE DAILY APPROPRIATE FOR ART CROW.
 1415 ART CROW LEFT THE SITE FOR THE DAY.
 1430 COLLECTED THE LATE FOR THE CROWN POINT MONITORING AREA.
 1445 HANDLED OVER THE CORE SAMPLE BC-7 60-61 VOCs ONLY TO JANSIE AND GEORGE WERNERMAN.
 1500 LEFT THE SITE FOR THE DAY.
 M. S. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

12/18/68

PROJECT, RICH WACK CREEK BASIN
 (CONTINUED) CROWN POINT MONITORING AREA, 30-35-01
 615 ANALYZED ANISTE
 845 CROW ARRIVED ON SITE
 700 CROW BEGAN TO GET THE EGGS IN THE DRUM
 755 COLLECTED A SET OF BLANK SAMPLES BY PLACING THE WATER OVER A PILE OF STORM SAMPLES.
 845 (CONTINUED) THE MESSAGE WITH ANISTE TO STAY THE PILE BY THE WATER.
 915 CROW BEGAN TO MOVE THE SAMPLES AT 8-8
 1100 COLLECTED A SET OF SAMPLES AT 8-8
 1145 CROW BEGAN TO MOVE THE PILE.
 1200 CROW BEGAN TO MOVE THE PILE.
 1300 CROW BEGAN TO MOVE THE PILE.
 1315 CROW BEGAN TO MOVE THE PILE.
 1315 CROW BEGAN TO MOVE THE PILE.

Community Air Monitoring Sheet

[illegible]

BUSHWALK CREEK ZWLT

Community Air Monitoring Sheet

Date	Time	Upgradient PID	Upgradient Aerosol	Downgradient PID	Downgradient Aerosol
03/06/06	10:00			0.0 ppm	0.000 mg/m ³
03/06/06	10:30			0.0 ppm	0.000 mg/m ³
03/06/06	11:00			0.0 ppm	0.001 mg/m ³
03/06/06	11:30			0.0 ppm	0.005 mg/m ³
03/06/06	12:00			0.0 ppm	0.011 mg/m ³
	12:30			0.0 ppm	0.004 mg/m ³
	13:00			0.0 ppm	0.007 mg/m ³
	14:00			0.0 ppm	0.071 mg/m ³
03/06/06	14:20			0.0 ppm	0.062 mg/m ³
03/07/06	8:30			0.0 ppm	0.020 mg/m ³
03/07/06	9:00			0.0 ppm	0.045 mg/m ³
03/07/06	9:30			0.0 ppm	0.023 mg/m ³
03/07/06	10:00			0.0 ppm	0.001 mg/m ³
03/07/06	10:30			0.0 ppm	0.000 mg/m ³
03/07/06	11:00			0.0 ppm	0.010 mg/m ³
03/07/06	11:30			0.0 ppm	0.002 mg/m ³
03/07/06	12:00			0.0 ppm	0.007 mg/m ³
03/08/06	9:15			0.0 ppm	0.012 mg/m ³
03/08/06	9:45			0.0 ppm	0.022 mg/m ³
03/08/06	10:15			0.0 ppm	0.043 mg/m ³
03/08/06	10:45			0.0 ppm	0.015 mg/m ³
03/08/06	11:15			0.0 ppm	0.001 mg/m ³
03/08/06	11:45			0.0 ppm	0.005 mg/m ³
03/08/06	12:15			0.0 ppm	0.002 mg/m ³
03/08/06	12:45			0.0 ppm	0.021 mg/m ³
03/08/06	13:15			0.0 ppm	0.007 mg/m ³
03/08/06	13:45			0.0 ppm	0.010 mg/m ³
03/08/06	14:15			0.0 ppm	0.002 mg/m ³
03/08/06	14:45				
03/09/06	7:45			0.0 ppm	0.016 mg/m ³
03/09/06	8:15			0.0 ppm	0.030 mg/m ³
03/09/06	8:45			0.0 ppm	0.037 mg/m ³
03/09/06	9:15			0.0 ppm	0.038 mg/m ³
03/09/06	9:45			0.0 ppm	0.032 mg/m ³
03/09/06	10:15			0.0 ppm	0.065 mg/m ³
03/09/06	10:45			0.0 ppm	0.021 mg/m ³

Community Air Monitoring Sheet

[illegible]

Community Air Monitoring Sheet

Date	Time	Upgradient PID	Upgradient Aerosol	Downgradient PID	Downgradient Aerosol
03/14/06	9:00	11.14 Rain & drive			
03/14/06	9:30	NO air			
03/14/06	10:00			0.0 ppm	0.005 mg/m ³
03/14/06	10:30			0.0 ppm	0.001 mg/m ³
03/14/06	11:00			0.0 ppm	0.048 mg/m ³
03/14/06	11:30			0.0 ppm	0.012 mg/m ³
03/14/06	12:00				
03/14/06	12:30			0.0 ppm	0.052 mg/m ³
03/14/06	13:00			0.0 ppm	0.096 mg/m ³
03/14/06	13:30			0.0 ppm	0.102 mg/m ³
03/14/06	14:00			0.0 ppm	0.085 mg/m ³
03/14/06	14:30			0.0 ppm	0.120 mg/m ³
03/15/06	7:15			0.0 ppm	0.029 mg/m ³
03/15/06	7:45			0.0 ppm	0.044 mg/m ³
03/15/06	8:15			0.0 ppm	0.002 mg/m ³
03/15/06	8:45			0.0 ppm	0.011 mg/m ³
03/15/06	9:15			0.0 ppm	0.023 mg/m ³
03/15/06	9:45			0.0 ppm	0.000 mg/m ³
03/15/06	10:15			0.0 ppm	0.000 mg/m ³
03/15/06	10:45			0.0 ppm	0.021 mg/m ³
03/15/06	11:15			0.0 ppm	0.051 mg/m ³
03/15/06	11:45			0.0 ppm	0.042 mg/m ³
03/15/06	12:30			0.0 ppm	0.010 mg/m ³
03/15/06	13:00			0.0 ppm	0.012 mg/m ³
03/15/06	13:30			0.0 ppm	0.062 mg/m ³

Community Air Monitoring Sheet

Date	Time	Upgradient PID	Upgradient Aerosol	Downgradient PID	Downgradient Aerosol
03/16/06	8:45			0.0 ppm	0.000 mg/m ³
03/16/06	9:15			0.0 ppm	0.004 mg/m ³
	9:45			0.0 ppm	0.012 mg/m ³
	10:15			0.0 ppm	0.015 mg/m ³
	10:45				
	11:15				
	11:45			0.0 ppm	0.062 mg/m ³
	12:15			0.0 ppm	0.012 mg/m ³
	12:45			0.0 ppm	0.017 mg/m ³
	13:15			0.0 ppm	0.052 mg/m ³
03/16/06	13:45			0.0 ppm	0.032 mg/m ³
	14:15				
03/17/06	7:30			0.0 ppm	0.073 mg/m ³
	8:00			0.0 ppm	0.052 mg/m ³
	8:30			0.0 ppm	0.031 mg/m ³
	9:00			0.0 ppm	0.627 mg/m ³
	9:30			0.0 ppm	0.215 mg/m ³
	10:00			0.0 ppm	0.032 mg/m ³
	10:30			0.0 ppm	0.015 mg/m ³
	11:00			0.0 ppm	0.009 mg/m ³
	11:30			0.0 ppm	0.005 mg/m ³

Brilliant broke
down @ 10K

COURIER: PLACE ASTRA LABEL HERE

FedEx. USA Airbill
Express

FedEx Tracking Number
8455 4997 2006

1 From: This portion can be removed for Recipient's records.

Date 2/27/06 FedEx Tracking Number 8455 4997 2006

Sender's Name ERIC ACS Phone 908 707-8874

Company METCALF & EDDY INC

Address 1140 US HIGHWAY 22 # 101

City BRIDGEWATER State NJ ZIP 08807-2912

2 Your Internal Billing Reference

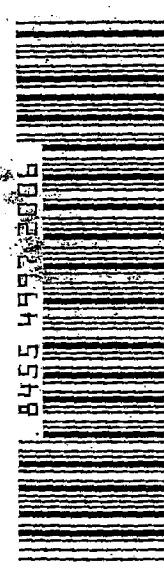
3 To Recipient's Name SAMPLE MANNING MIST Phone 781 337-9324

Company AMERISCOT BOSTON

Address 3 SCHOOL STREET

To "HOLD" or "FEDDEX" location, print FedEx address.

Address WEY MOUTH State MA ZIP 02187



0270544231

447

Recipient's Copy

4a Express Package Service

☒ FedEx Priority Overnight ☐ FedEx Standard Overnight ☐ FedEx First Overnight

☐ FedEx 2Day ☐ FedEx Express Saver ☐ FedEx 3Day Freight

4b Express Freight Service

☐ FedEx 1Day Freight* ☐ FedEx 2Day Freight ☐ FedEx 3Day Freight

5 Packaging ☐ FedEx Pak* ☒ Other

6 Special Handling ☐ SATURDAY Delivery ☐ HOLD Weekday ☐ HOLD Saturday

7 Payment ☒ Bill to Recipient ☐ Cash/Check

8 Release Signature

Total Packages 1 Total Weight 17

Total Charges 447

Sample Receiving Form

CLIENT: M&E	WORKORDER: 0602-231
CLIENTS JOB: DDC Baystate Park	RECEIVED BY:
RECEIVED DATE: 2/28/06	SHIPPING METHOD:
TEMP UPON RECEIPT: 2°C	

"No" responses must be explained in the comment section below.

Checklist	YES	NO	NA
Were custody seals on shipping container(s) intact? Check "NA" if no seals, or if containers were hand delivered.			✓
Were Chain of Custody Forms included with the samples?	✓		
Were Chain of Custody Forms properly filled out (ink, signed, etc.)	✓		
Were all containers received in good condition (Check for breakage/ leaks)?	✓		
Were all containers labeled with required information (Sample Id, date, signed, analysis, preservation)?	✓		
Were the correct containers used for the tests indicated?	✓		
Were proper preservation techniques indicated?			✓
Were samples received within holding times? If "NO" nonconformance form is required.	✓		
Were all VOA bottles checked for the presence of air bubbles? If bubbles were found please note in the comment section.			✓
Were samples in direct contact with wet ice?		✓	
If "NO" check one: <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> No Ice			
Is sample temperature recorded ?			
If "NO" check one: <input type="checkbox"/> Unable to record <input type="checkbox"/> Temp taken near samples	✓		
Were pHs of samples checked and recorded on the COC forms?			✓
Did the laboratory accept samples?	✓		
Will samples be subcontracted? If "yes" list subcontractor and tests in specified sections below.		✓	
Subcontractor:		Date Sent Out:	
Analyses Sent:			

Login Technician: MAC	Login Review:
Comments:	

37

FedEx® USA Airbill
Express

FedEx Tracking Number

8455 4997 2234

02115

Recipient's Copy

1 From This portion can be removed for Recipient's records.

Date 3/13/06 FedEx Tracking Number 845549972234

Sender's Name ERIC ACS Phone 908 707-8874

Company METCALF & EDDY INC

Address 1140 US HIGHWAY 22 # 101

City BRIDGEMATER State NJ ZIP 08807-2912

Dept./Room/Suite/Room

2 Your Internal Billing Reference

3 To Recipient's Name SARAH M. MANGES Phone 781-337-9324

Company SCIENCE CENTER

Address 8 SCHOOL STREET

City WILMINGTON State MA ZIP 02189

Dept./Room/Suite/Room

RECIPIENT: PEEL HERE

NO POUCH NEEDED.
See back for peel and stick application instructions.



8455 4997 2234

0270344231

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims. Questions? Visit our Web site at fedex.com or call 1.800.Go.FedEx. 800.463.3339. SPS-POL Date 3/07/06 11:53PM-0139-3001 FedEx PRINTED IN U.S.A.

ALIGN OPEN END OF FEDEX AIRBILL POUCH HERE

4a Express Package Service

☒ FedEx Priority Overnight Next business morning

☐ FedEx Standard Overnight Next business afternoon

☐ FedEx Express Saver Third business day

☐ FedEx 2Day Second business day

☐ FedEx 1Day Freight* Next business day

☐ FedEx 2Day Freight Second business day

☐ FedEx 3Day Freight Third business day

☐ FedEx 4Day Freight Fourth business day

☐ FedEx 5Day Freight Fifth business day

☐ FedEx 6Day Freight Sixth business day

☐ FedEx 7Day Freight Seventh business day

☐ FedEx 8Day Freight Eighth business day

☐ FedEx 9Day Freight Ninth business day

☐ FedEx 10Day Freight Tenth business day

☐ FedEx 11Day Freight Eleventh business day

☐ FedEx 12Day Freight Twelfth business day

☐ FedEx 13Day Freight Thirteenth business day

☐ FedEx 14Day Freight Fourteenth business day

☐ FedEx 15Day Freight Fifteenth business day

☐ FedEx 16Day Freight Sixteenth business day

☐ FedEx 17Day Freight Seventeenth business day

☐ FedEx 18Day Freight Eighteenth business day

☐ FedEx 19Day Freight Nineteenth business day

☐ FedEx 20Day Freight Twentieth business day

☐ FedEx 21Day Freight Twenty-first business day

☐ FedEx 22Day Freight Twenty-second business day

☐ FedEx 23Day Freight Twenty-third business day

☐ FedEx 24Day Freight Twenty-fourth business day

☐ FedEx 25Day Freight Twenty-fifth business day

☐ FedEx 26Day Freight Twenty-sixth business day

☐ FedEx 27Day Freight Twenty-seventh business day

☐ FedEx 28Day Freight Twenty-eighth business day

☐ FedEx 29Day Freight Twenty-ninth business day

☐ FedEx 30Day Freight Thirtieth business day

☐ FedEx 31Day Freight Thirty-first business day

☐ FedEx 32Day Freight Thirty-second business day

☐ FedEx 33Day Freight Thirty-third business day

☐ FedEx 34Day Freight Thirty-fourth business day

☐ FedEx 35Day Freight Thirty-fifth business day

☐ FedEx 36Day Freight Thirty-sixth business day

☐ FedEx 37Day Freight Thirty-seventh business day

☐ FedEx 38Day Freight Thirty-eighth business day

☐ FedEx 39Day Freight Thirty-ninth business day

☐ FedEx 40Day Freight Fortieth business day

☐ FedEx 41Day Freight Forty-first business day

☐ FedEx 42Day Freight Forty-second business day

☐ FedEx 43Day Freight Forty-third business day

☐ FedEx 44Day Freight Forty-fourth business day

☐ FedEx 45Day Freight Forty-fifth business day

☐ FedEx 46Day Freight Forty-sixth business day

☐ FedEx 47Day Freight Forty-seventh business day

☐ FedEx 48Day Freight Forty-eighth business day

☐ FedEx 49Day Freight Forty-ninth business day

☐ FedEx 50Day Freight Fiftieth business day

☐ FedEx 51Day Freight Fifty-first business day

☐ FedEx 52Day Freight Fifty-second business day

☐ FedEx 53Day Freight Fifty-third business day

☐ FedEx 54Day Freight Fifty-fourth business day

☐ FedEx 55Day Freight Fifty-fifth business day

☐ FedEx 56Day Freight Fifty-sixth business day

☐ FedEx 57Day Freight Fifty-seventh business day

☐ FedEx 58Day Freight Fifty-eighth business day

☐ FedEx 59Day Freight Fifty-ninth business day

☐ FedEx 60Day Freight Sixtieth business day

☐ FedEx 61Day Freight Sixty-first business day

☐ FedEx 62Day Freight Sixty-second business day

☐ FedEx 63Day Freight Sixty-third business day

☐ FedEx 64Day Freight Sixty-fourth business day

☐ FedEx 65Day Freight Sixty-fifth business day

☐ FedEx 66Day Freight Sixty-sixth business day

☐ FedEx 67Day Freight Sixty-seventh business day

☐ FedEx 68Day Freight Sixty-eighth business day

☐ FedEx 69Day Freight Sixty-ninth business day

☐ FedEx 70Day Freight Seventieth business day

☐ FedEx 71Day Freight Seventy-first business day

☐ FedEx 72Day Freight Seventy-second business day

☐ FedEx 73Day Freight Seventy-third business day

☐ FedEx 74Day Freight Seventy-fourth business day

☐ FedEx 75Day Freight Seventy-fifth business day

☐ FedEx 76Day Freight Seventy-sixth business day

☐ FedEx 77Day Freight Seventy-seventh business day

☐ FedEx 78Day Freight Seventy-eighth business day

☐ FedEx 79Day Freight Seventy-ninth business day

☐ FedEx 80Day Freight Eightieth business day

☐ FedEx 81Day Freight Eighty-first business day

☐ FedEx 82Day Freight Eighty-second business day

☐ FedEx 83Day Freight Eighty-third business day

☐ FedEx 84Day Freight Eighty-fourth business day

☐ FedEx 85Day Freight Eighty-fifth business day

☐ FedEx 86Day Freight Eighty-sixth business day

☐ FedEx 87Day Freight Eighty-seventh business day

☐ FedEx 88Day Freight Eighty-eighth business day

☐ FedEx 89Day Freight Eighty-ninth business day

☐ FedEx 90Day Freight Ninetieth business day

☐ FedEx 91Day Freight Ninety-first business day

☐ FedEx 92Day Freight Ninety-second business day

☐ FedEx 93Day Freight Ninety-third business day

☐ FedEx 94Day Freight Ninety-fourth business day

☐ FedEx 95Day Freight Ninety-fifth business day

☐ FedEx 96Day Freight Ninety-sixth business day

☐ FedEx 97Day Freight Ninety-seventh business day

☐ FedEx 98Day Freight Ninety-eighth business day

☐ FedEx 99Day Freight Ninety-ninth business day

☐ FedEx 100Day Freight One hundred business day

☐ FedEx 101Day Freight One hundred and first business day

☐ FedEx 102Day Freight One hundred and second business day

☐ FedEx 103Day Freight One hundred and third business day

☐ FedEx 104Day Freight One hundred and fourth business day

☐ FedEx 105Day Freight One hundred and fifth business day

☐ FedEx 106Day Freight One hundred and sixth business day

☐ FedEx 107Day Freight One hundred and seventh business day

☐ FedEx 108Day Freight One hundred and eighth business day

☐ FedEx 109Day Freight One hundred and ninth business day

☐ FedEx 110Day Freight One hundred and tenth business day

☐ FedEx 111Day Freight One hundred and eleventh business day

☐ FedEx 112Day Freight One hundred and twelfth business day

☐ FedEx 113Day Freight One hundred and thirteenth business day

☐ FedEx 114Day Freight One hundred and fourteenth business day

☐ FedEx 115Day Freight One hundred and fifteenth business day

☐ FedEx 116Day Freight One hundred and sixteenth business day

☐ FedEx 117Day Freight One hundred and seventeenth business day

☐ FedEx 118Day Freight One hundred and eighteenth business day

☐ FedEx 119Day Freight One hundred and nineteenth business day

☐ FedEx 120Day Freight One hundred and twentieth business day

☐ FedEx 121Day Freight One hundred and twenty-first business day

☐ FedEx 122Day Freight One hundred and twenty-second business day

☐ FedEx 123Day Freight One hundred and twenty-third business day

☐ FedEx 124Day Freight One hundred and twenty-fourth business day

☐ FedEx 125Day Freight One hundred and twenty-fifth business day

☐ FedEx 126Day Freight One hundred and twenty-sixth business day

☐ FedEx 127Day Freight One hundred and twenty-seventh business day

☐ FedEx 128Day Freight One hundred and twenty-eighth business day

☐ FedEx 129Day Freight One hundred and twenty-ninth business day

☐ FedEx 130Day Freight One hundred and thirtieth business day

☐ FedEx 131Day Freight One hundred and thirty-first business day

☐ FedEx 132Day Freight One hundred and thirty-second business day

☐ FedEx 133Day Freight One hundred and thirty-third business day

☐ FedEx 134Day Freight One hundred and thirty-fourth business day

☐ FedEx 135Day Freight One hundred and thirty-fifth business day

☐ FedEx 136Day Freight One hundred and thirty-sixth business day

☐ FedEx 137Day Freight One hundred and thirty-seventh business day

☐ FedEx 138Day Freight One hundred and thirty-eighth business day

☐ FedEx 139Day Freight One hundred and thirty-ninth business day

☐ FedEx 140Day Freight One hundred and fortieth business day

☐ FedEx 141Day Freight One hundred and forty-first business day

☐ FedEx 142Day Freight One hundred and forty-second business day

☐ FedEx 143Day Freight One hundred and forty-third business day

☐ FedEx 144Day Freight One hundred and forty-fourth business day

☐ FedEx 145Day Freight One hundred and forty-fifth business day

☐ FedEx 146Day Freight One hundred and forty-sixth business day

☐ FedEx 147Day Freight One hundred and forty-seventh business day

☐ FedEx 148Day Freight One hundred and forty-eighth business day

☐ FedEx 149Day Freight One hundred and forty-ninth business day

☐ FedEx 150Day Freight One hundred and fiftieth business day

☐ FedEx 151Day Freight One hundred and fifty-first business day

☐ FedEx 152Day Freight One hundred and fifty-second business day

☐ FedEx 153Day Freight One hundred and fifty-third business day

☐ FedEx 154Day Freight One hundred and fifty-fourth business day

☐ FedEx 155Day Freight One hundred and fifty-fifth business day

☐ FedEx 156Day Freight One hundred and fifty-sixth business day

☐ FedEx 157Day Freight One hundred and fifty-seventh business day

☐ FedEx 158Day Freight One hundred and fifty-eighth business day

☐ FedEx 159Day Freight One hundred and fifty-ninth business day

☐ FedEx 160Day Freight One hundred and sixtieth business day

☐ FedEx 161Day Freight One hundred and sixty-first business day

☐ FedEx 162Day Freight One hundred and sixty-second business day

☐ FedEx 163Day Freight One hundred and sixty-third business day

☐ FedEx 164Day Freight One hundred and sixty-fourth business day

☐ FedEx 165Day Freight One hundred and sixty-fifth business day

☐ FedEx 166Day Freight One hundred and sixty-sixth business day

☐ FedEx 167Day Freight One hundred and sixty-seventh business day

☐ FedEx 168Day Freight One hundred and sixty-eighth business day

☐ FedEx 169Day Freight One hundred and sixty-ninth business day

☐ FedEx 170Day Freight One hundred and seventieth business day

☐ FedEx 171Day Freight One hundred and seventy-first business day

☐ FedEx 172Day Freight One hundred and seventy-second business day

☐ FedEx 173Day Freight One hundred and seventy-third business day

☐ FedEx 174Day Freight One hundred and seventy-fourth business day

☐ FedEx 175Day Freight One hundred and seventy-fifth business day

☐ FedEx 176Day Freight One hundred and seventy-sixth business day

☐ FedEx 177Day Freight One hundred and seventy-seventh business day

☐ FedEx 178Day Freight One hundred and seventy-eighth business day

☐ FedEx 179Day Freight One hundred and seventy-ninth business day

☐ FedEx 180Day Freight One hundred and eightieth business day

☐ FedEx 181Day Freight One hundred and eighty-first business day

☐ FedEx 182Day Freight One hundred and eighty-second business day

☐ FedEx 183Day Freight One hundred and eighty-third business day

☐ FedEx 184Day Freight One hundred and eighty-fourth business day

☐ FedEx 185Day Freight One hundred and eighty-fifth business day

☐ FedEx 186Day Freight One hundred and eighty-sixth business day

☐ FedEx 187Day Freight One hundred and eighty-seventh business day

☐ FedEx 188Day Freight One hundred and eighty-eighth business day

☐ FedEx 189Day Freight One hundred and eighty-ninth business day

☐ FedEx 190Day Freight One hundred and ninetieth business day

☐ FedEx 191Day Freight One hundred and ninety-first business day

☐ FedEx 192Day Freight One hundred and ninety-second business day

☐ FedEx 193Day Freight One hundred and ninety-third business day

☐ FedEx 194Day Freight One hundred and ninety-fourth business day

☐ FedEx 195Day Freight One hundred and ninety-fifth business day

☐ FedEx 196Day Freight One hundred and ninety-sixth business day

☐ FedEx 197Day Freight One hundred and ninety-seventh business day

☐ FedEx 198Day Freight One hundred and ninety-eighth business day

☐ FedEx 199Day Freight One hundred and ninety-ninth business day

☐ FedEx 200Day Freight Two hundred business day

☐ FedEx 201Day Freight Two hundred and first business day

☐ FedEx 202Day Freight Two hundred and second business day

☐ FedEx 203Day Freight Two hundred and third business day

☐ FedEx 204Day Freight Two hundred and fourth business day

☐ FedEx 205Day Freight Two hundred and fifth business day

☐ FedEx 206Day Freight Two hundred and sixth business day

Sample Receiving Form

CLIENT: <i>METCALF & EDDY</i>	WORKORDER: <i>0603-025</i>
CLIENTS JOB: <i>BAYSIDE Petroleum / Bushwick Inlet</i>	RECEIVED BY: <i>MP</i>
RECEIVED DATE: <i>3/6/06</i>	SHIPPING METHOD: <i>FedEx</i>
TEMP UPON RECEIPT: <i>2 °C</i>	

"No" responses must be explained in the comment section below.

Checklist	YES	NO	NA
Were custody seals on shipping container(s) intact? Check "NA" if no seals, or if containers were hand delivered.			X
Were Chain of Custody Forms included with the samples?	X		
Were Chain of Custody Forms properly filled out (ink, signed, etc.)	X		
Were all containers received in good condition (Check for breakage/leaks)?	X		
Were all containers labeled with required information (Sample Id, date, signed, analysis, preservation)?	X		
Were the correct containers used for the tests indicated?	X		
Were proper preservation techniques indicated?	X		
Were samples received within holding times? If "NO" nonconformance form is required.	X		
Were all VOA bottles checked for the presence of air bubbles? If bubbles were found please note in the comment section.			X
Were samples in direct contact with wet ice? If "NO" check one: <input type="checkbox"/> Blue Ice <input type="checkbox"/> No Ice	X		
Is sample temperature recorded? If "NO" check one: <input type="checkbox"/> Unable to record <input type="checkbox"/> Temp taken near samples	X		
Were pHs of samples checked and recorded on the COC forms?			X
Did the laboratory accept samples?	X		
Will samples be subcontracted? If "yes" list subcontractor and tests in specified sections below.		X	
Subcontractor: _____ Date Sent Out: _____			
Analyses Sent: _____			

Login Technician: <i>(MP)</i>	Login Review:
Comments: <i>NO SATURDAY LABELS on cooler!</i>	
<i>Cooler & Shipping Label checked off for SATURDAY</i>	
<i>Delivery: Samples Delivered to LABS Monday 3/6/06.</i>	
<i>Left voice message w/Nelson re Monday Delivery 3/6/06.</i>	

CHAIN OF CUSTODY RECORD

AMERISCI
BOSTON

AMERISCI BOSTON
8 School Street - Weymouth, MA 02189
888.724.5221 Toll Free
781.337.9334 Phone - 781.337.7642 Fax

www.amerisci.com

COMPANY: METCALF & EDDY INC

ADDRESS: 1140 ROUTE 22 EAST, BRIDGEWATER NJ 08807

PHONE: (908) 947-0276 FAX 1: (908) 707-8876 FAX 2:

CLIENT CONTACT: NELSON ABRAMS EMAIL: NELSON.ABRAMS@M-E.AECOM.COM
PROJECT DO C PROJECT NUMBER: 6000454801 PROJECT STATE: NY

MATRIX: A-WATER S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS CONTAINER: P-PLASTIC
WI-WIPES C-CASSETTES W-WASTE O-OTHER

CONTAINER TYPE # DATE TIME TECH

SIZE MATRIX

CLIENT SAMPLE IDENTIFICATION

LAB ID

1 BC-5 17-19 20L SOIL 2 GLASS 2 3/6/06 11:15 SM

2 BCS-5 40-42 20L SOIL 2 GLASS 2 3/6/06 11:00 EA

3 BCS-6 10-12 20L SOIL 2 GLASS 2 3/6/06 13:45 EA

4 BC-5 55-57 20L SOIL 2 GLASS 2 3/7/06 10:15 SM

5 BC-6 19-21 20L SOIL 2 GLASS 2 3/8/06 11:15 SM

6 BC-6 60-62 20L SOIL 2 GLASS 2 3/9/06 9:30 SM

7 BCS-6 36-38 20L SOIL 2 GLASS 2 3/9/06 10:50 EA

8 BCS-7 10-12 20L SOIL 2 GLASS 2 3/9/06 13:15 EA

9 BC-2 9-11 20L SOIL 2 GLASS 2 3/6/06 10:30 SM

10 BC-2D 9-11 20L SOIL 2 GLASS 2 3/6/06 10:30 SM

SAMPLED BY: (PRINT) EAC ACS DATE: 3/6/06 RECEIVED BY: (PRINT)

(SIGN) TIME: 14:00 (SIGN)

RELINQUISHED BY: (PRINT) DATE: TIME: RECEIVED BY: (PRINT)

(SIGN) TIME: (SIGN)

RELINQUISHED BY: (PRINT) DATE: TIME: RECEIVED FOR LABORATORY BY: (PRINT)

(SIGN) TIME: (SIGN)

DATE: 3/11/06 TIME: 11:10

MARK POGTA

MAH/2

AMERISCI JOB NO

DUE DATE:

☐ 1 DAY ☐ 2 DAY ☐ 3 DAY ☒ 5 DAY ☐ 7 DAY ☐ 10 DAY

DATA PACKAGE: 0603-082

P.O.#

PAGE 1 OF 1

TEMP UPON RECEIPT: 3.6°C

LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	SIZE	TYPE	#	DATE	TIME	TECH	GRAV (G) OR COMPOSITE (G)	PRESERVATIVES	SAMPLE PLAT LOGIN	VOC	SVOC	PCB	THE METALS	CHLORIDES	Notes:
1	BC-5 17-19	SOIL	20L	GLASS	2	3/6/06	11:15	SM	G	N/A		X	X	X	X	X	modified
2	BCS-5 40-42	SOIL	20L	GLASS	2	3/6/06	11:00	EA	G	N/A		X	X	X	X	X	ASP RESIDUES
3	BCS-6 10-12	SOIL	20L	GLASS	2	3/6/06	13:45	EA	G	N/A		X	X	X	X	X	PER
4	BC-5 55-57	SOIL	20L	GLASS	2	3/7/06	10:15	SM	G	N/A		X	X	X	X	X	NELSON
5	BC-6 19-21	SOIL	20L	GLASS	2	3/8/06	11:15	SM	G	N/A		X	X	X	X	X	ABRAMS
6	BC-6 60-62	SOIL	20L	GLASS	2	3/9/06	9:30	SM	G	N/A		X	X	X	X	X	OF MTC
7	BCS-6 36-38	SOIL	20L	GLASS	2	3/9/06	10:50	EA	G	N/A		X	X	X	X	X	
8	BCS-7 10-12	SOIL	20L	GLASS	2	3/9/06	13:15	EA	G	N/A		X	X	X	X	X	QUESTIONS?
9	BC-2 9-11	SOIL	20L	GLASS	2	3/6/06	10:30	SM	G	N/A		X	X	X	X	X	CALL J. ABRAMS
10	BC-2D 9-11	SOIL	20L	GLASS	2	3/6/06	10:30	SM	G	N/A		X	X	X	X	X	708 747 0276

Sample Receiving Form

CLIENT: <i>METCALF + EDDY</i>	WORKORDER: <i>0603-082</i>
CLIENTS JOB: <i>6000 4548.01</i> <i>Bay side Petroleum</i>	RECEIVED BY: <i>MP</i>
RECEIVED DATE: <i>3/11/06</i>	SHIPPING METHOD: <i>FedEx</i>
TEMP UPON RECEIPT: <i>3.6 °C</i>	

"No" responses must be explained in the comment section below.

Checklist	YES	NO	NA
Were custody seals on shipping container(s) intact? Check "NA" if no seals, or if containers were hand delivered.			<i>X</i>
Were Chain of Custody Forms included with the samples?	<i>X</i>		
Were Chain of Custody Forms properly filled out (ink, signed, etc.)	<i>X</i>		
Were all containers received in good condition (Check for breakage/ leaks)?	<i>X</i>		
Were all containers labeled with required information (Sample Id, date, signed, analysis, preservation)?	<i>X</i>		
Were the correct containers used for the tests indicated?	<i>X</i>		
Were proper preservation techniques indicated?	<i>X</i>		
Were samples received within holding times? If "NO" nonconformance form is required.	<i>X</i>		
Were all VOA bottles checked for the presence of air bubbles? If bubbles were found please note in the comment section.			<i>X</i>
Were samples in direct contact with wet ice? If "NO" check one: <input type="checkbox"/> Blue Ice <input type="checkbox"/> No Ice	<i>X</i>		
Is sample temperature recorded ? If "NO" check one: <input type="checkbox"/> Unable to record <input type="checkbox"/> Temp taken near samples	<i>X</i>		
Were pHs of samples checked and recorded on the COC forms?			<i>X</i>
Did the laboratory accept samples?	<i>X</i>		
Will samples be subcontracted? If "yes" list subcontractor and tests in specified sections below.	<i>X</i>		
Subcontractor: <i>Phoenix</i>	Date Sent Out: <i>3/13/06</i>		
Analyses Sent: <i>CN-</i>			

Login Technician: <i>(MP)</i>	Login Review:
Comments:	

CHAIN OF CUSTODY RECORD

AMERISCI
BOSTON

AMERISCI BOSTON
8 School Street ~ Weymouth, MA 02189
888.724.5221 Toll Free
781.337.9334 Phone ~ 781.337.7642 Fax

www.amerisci.com

AMERISCI JOB NO:

DUE DATE:

☐ 1 DAY ☐ 2 DAY ☐ 3 DAY ☒ 5 DAY ☐ 7 DAY ☐ 10 DAY

DATA PACKAGE:

P.O.#

PAGE 1 OF 1

TEMP UPON RECEIPT:

5.2 °C

COMPANY: METCALF & EDDY INC
ADDRESS: 1140 ROUTE 22 EAST, BEDDINGTON NJ 08807
PHONE: (908) 947-0276 FAX 1: (908) 707-8876 FAX 2:
CLIENT CONTACT: NELSON ABRAMS EMAIL: NELSON.ABRAMS@M-E.AEOM.COM
PROJECT NAME: BAYVIEW PETROLEUM BUSWICK CRUISE PROJECT NUMBER: 6004548.01 PROJECT STATE: NY
MATRIX: A-WATER S-SOIL/SOLIDS SL-SLUDGE CH-CHIPS CONTAINER: P-PLASTIC
WI-WIPES C-CASSETTES W-WASTE O-OTHER G-GLASS V-VOA

LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	CONTAINER	SIZE	TYPE	#	DATE	TIME	TECH	GRAB (G) - OR COMPOSITE (C)	PRESERVATIVES	SAMPLE PH AT LOGIN	VOCs	SVOCs	PCB	THE METALS	CHLORIDE	Notes:
1	BC-2 60-62	SOIL	207	80g	GLASS	2	03/13/06	1015	SM	G	NA		X	X	X	X	X	MODIFIED ASP PACKAGE DEL
2	BCS-7 44-46					2	03/13/06	1010	EA	G	NA		X	X	X	X	X	DEL
3	BCS-8 24-26					2	03/13/06	1330	EA	G	NA		X	X	X	X	X	NELSON
4	BCS-8 48-50					2	03/14/06	1130	EA	G	NA		X	X	X	X	X	ABRAMS
5	BC-1 21-23					2	03/14/06	1115	SM	G	NA		X	X	X	X	X	DE MAE
6	BC-1 60-62					2	03/15/06	1010	SM	G	NA		X	X	X	X	X	QUESTIONS
7	BCS-9 16-18					2	03/15/06	1230	EA	G	NA		X	X	X	X	X	CATU N. ABRAMS
8	BC-7 13-15	SOIL	207	80g	GLASS	2	03/16/06	945	SM	G	NA		X	X	X	X	X	9089470274
9	BCS-9 42-44					2	03/16/06	1100	EA	G	NA		X	X	X	X	X	
10	BCS-10 12-14					2	03/16/06	1445	EA	G	NA		X	X	X	X	X	

SAMPLED BY: (PRINT) SHARON MURPHY/AC DATE: 03/16/06 RECEIVED BY: (PRINT) my signature
(SIGN) my signature TIME: 10:25
RELINQUISHED BY: (PRINT) my signature DATE: DATE: RECEIVED BY: (PRINT) my signature
(SIGN) my signature TIME: TIME: RECEIVED BY: (PRINT) my signature
RELINQUISHED BY: (PRINT) DATE: DATE: RECEIVED FOR LABORATORY BY: (PRINT) my signature
(SIGN) my signature TIME: TIME: RECEIVED FOR LABORATORY BY: (PRINT) my signature

FedEx USA Airbill
Express

FedEx Tracking Number

8455 4997 2131

1 Error: This portion can be removed for Recipient's records.

Date 3/16/06 FedEx Tracking Number

8455 4997 2131

Sender's Name ERIC ACS Phone 908 707-8874

Company METCALF & EDDY INC

Address 1140 US HIGHWAY 22 # 101

City BRIDGEWATER State NJ ZIP 08807-2912

2 Your Internal Billing Reference

3 To Recipient's Name SAMPLE MANAGEMENT Phone 781 337 9334

Company AMERISCI BOSTON

Address 8 SCHOOL STREET

To "HOLD" at FedEx location, print FedEx address.

Address

City Weymouth State MA ZIP 02189



8455 4997 2131

0270544231

0215

Recipient's Copy

4a Express Package Service

☒ FedEx Priority Overnight ☐ FedEx Standard Overnight ☐ FedEx First Overnight

☐ FedEx 2Day ☐ FedEx Express Saver

4b Express Freight Service

☐ FedEx 1Day Freight* ☐ FedEx 2Day Freight ☐ FedEx 3Day Freight

5 Packaging

☐ FedEx Envelope* ☐ FedEx Pak* ☒ Other

6 Special Handling

☐ SATURDAY Delivery ☐ HOLD Weekday ☐ HOLD Saturday

☐ No ☐ Yes ☐ Dry Ice ☐ Fragile ☐ Other

7 Payment Bill to:

☐ Sender ☒ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check

8 Release Signature

Total Packages 1 Total Weight 30

Total Charges

By signing your Airbill, you agree to deliver this shipment without obtaining a signature and agree to indemnify and hold the carrier harmless from any resulting claims.

Questions? Visit our Web site at fedex.com


0270544231

447

CLIENT: METCALFE EDDY	WORKORDER: 0603-135
CLIENTS JOB: BAYSIDE Petroleum	RECEIVED BY: mp
RECEIVED DATE: 3/17/06	SHIPPING METHOD: FedEx
TEMP UPON RECEIPT: 5.2°C	

"No" responses must be explained in the comment section below.

Checklist	YES	NO	NA
Were custody seals on shipping container(s) intact? Check "NA" if no seals, or if containers were hand delivered.			X
Were Chain of Custody Forms included with the samples?	X		
Were Chain of Custody Forms properly filled out (ink, signed, etc.)	X		
Were all containers received in good condition (Check for breakage/leaks)?	X		
Were all containers labeled with required information (Sample Id, date, signed, analysis, preservation)?	X		
Were the correct containers used for the tests indicated?	X		
Were proper preservation techniques indicated?	X		
Were samples received within holding times? If "NO" nonconformance form is required.	X		
Were all VOA bottles checked for the presence of air bubbles? If bubbles were found please note in the comment section.			X
Were samples in direct contact with wet ice? If "NO" check one: <input type="checkbox"/> Blue Ice <input type="checkbox"/> No Ice	X		
Is sample temperature recorded? If "NO" check one: <input type="checkbox"/> Unable to record <input type="checkbox"/> Temp taken near samples	X		
Were pHs of samples checked and recorded on the COC forms?			X
Did the laboratory accept samples?	X		
Will samples be subcontracted? If "yes" list subcontractor and tests in specified sections below.	X		
Subcontractor: Phoenix	Date Sent Out: 3/17/06		
Analyses Sent: TOTAL CN-			

Login Technician: 	Login Review:
Comments:	

NOT LIFT USING THIS TAG

DO NOT LIFT USING THIS TAG

ALIGN FEDEX AIRBILL POUCH HERE

Recipient's Copy

0214

FedEx USA Airbill **8455 4997 2142**

1 From this copy, you may be requested to provide records.
Date **02/17/06** FedEx Tracking Number **8455 4997 2142**

Sender's Name **CRIC ACS** Phone **908 707-8874**
Address **1440 US HIGHWAY 22 # 101**
City **BRIDGEWATER** State **NJ** ZIP **08807-2912**

2 Your Internal Billing Reference
3 Your Internal Billing Reference
Company **AMGILISI SOSCION** Phone **781 337-7334**
Address **SCHOOL STREET**
City **LYNCOTH** State **MA** ZIP **02189**

8455 4997 2142
0270544231

4a Express Package Service
Delivery commitment may be later in some areas.
☒ FedEx Priority Overnight Next business morning
☐ FedEx Standard Overnight Next business morning
☐ FedEx First Overnight Earliest business morning delivery to select locations

4b Express Freight Service
Delivery commitment may be later in some areas.
☐ FedEx 2Day Second business day
☐ FedEx 3Day Freight Third business day
☐ FedEx 1Day Freight Next business day
☐ FedEx 2Day Freight Second business day
☐ FedEx 3Day Freight Third business day

5 Packaging
☐ FedEx Envelope*
☐ FedEx Pak*
☒ Other
*Unboxed value limit \$500

6 Special Handling
☐ SATURDAY Delivery Available only for FedEx Priority and FedEx 2Day. Not available for FedEx 1Day, FedEx 3Day, or FedEx Freight. Freight is subject to 20% cost.
☐ HOLD Sunday at FedEx Location Available only for FedEx Priority Overnight and FedEx 2Day to select locations.
☐ HOLD Saturday at FedEx Location Available only for FedEx Priority Overnight and FedEx 2Day to select locations.

7 Payment Bill to:
☐ Sender Bill Me
☒ Recipient Bill Me
☐ Third Party Bill Me
Enter FedEx Acct. No. or Credit Card No. below.
☐ Credit Card
☐ Cash/Check

8 Release Signature
Signatures are required for delivery of certain services. See the FedEx Service Guide for details.
Signature **447**

Total Packages 1
Total Weight 3.0
Total Charges \$3.00
Credit Card Auth.

By signing your signature, you agree to release this shipment without obtaining a signature and release from the recipient and hold us harmless from any resulting claims.
Questions? Visit our Web site at fedex.com.
Call 1.800.Lee.FedEx or 1.800.463.3339.
950 Rev. Date 5/02 * Fax #75313-0184-0001 FEDEX-PRINTED IN USA

Sample Receiving Form

CLIENT: <i>metcalf + eddy</i>	WORKORDER: <i>0603-149</i>
CLIENTS JOB: <i>BAYSIDE Petroleum</i>	RECEIVED BY: <i>mp</i>
RECEIVED DATE: <i>3/20/06</i>	SHIPPING METHOD: <i>Fed Ex</i>
TEMP UPON RECEIPT: <i>4.6°C</i>	

"No" responses must be explained in the comment section below.

Checklist	YES	NO	NA
Were custody seals on shipping container(s) intact? Check "NA" if no seals, or if containers were hand delivered.			<i>X</i>
Were Chain of Custody Forms included with the samples?	<i>X</i>		
Were Chain of Custody Forms properly filled out (ink, signed, etc.)	<i>X</i>		
Were all containers received in good condition (Check for breakage/leaks)?	<i>X</i>		
Were all containers labeled with required information (Sample Id, date, signed, analysis, preservation)?	<i>X</i>		
Were the correct containers used for the tests indicated?	<i>X</i>		
Were proper preservation techniques indicated?	<i>X</i>		
Were samples received within holding times? If "NO" nonconformance form is required.	<i>X</i>		
Were all VOA bottles checked for the presence of air bubbles? If bubbles were found please note in the comment section.	<i>X</i>		
Were samples in direct contact with wet ice? If "NO" check one: <input type="checkbox"/> Blue Ice <input type="checkbox"/> No Ice	<i>X</i>		
Is sample temperature recorded ? If "NO" check one: <input type="checkbox"/> Unable to record <input type="checkbox"/> Temp taken near samples	<i>X</i>		
Were pHs of samples checked and recorded on the COC forms?	<i>X</i>		
Did the laboratory accept samples?	<i>X</i>		
Will samples be subcontracted? If "yes" list subcontractor and tests in specified sections below.	<i>X</i>		
Subcontractor: <i>Phoenix</i>	Date Sent Out: <i>3/20/06</i>		
Analyses Sent: <i>CN-</i>			

Login Technician: <i>(mp)</i>	Login Review:
Comments:	

DO NOT LIFT USING THIS TAG

ALIGN FEDEX AIRBILL POUCH HERE

RS

FedEx *USA Airbill*
Express

1 From: This portion can be removed for Recipient's records. Date 3/24/06 FedEx Tracking Number 04555181822153

Sender's Name ERIC ACS Phone 908 707-8874

METCALF & EDDY INC.
Company

Address 1140 US HIGHWAY 22 # 101
Desk Floor Suite Room

CITY BRIDGEWATER STATE NJ ZIP 08807-2912

2 Your Internal Billing Reference

to Recipient's Name
Name
781 337-9334
SAMPLING MANAGEMENT
Phone

Company AMERISCITE BOSTON

Address 8 SCHOOL STREET 700115 33815

Address _____ Dept Floor Suite Apt Room _____

City Weymouth State MA ZIP 02189



0270544231

FRS

FedEx® Saturday Delivery

151967 REV 10/04 MWI

西

Recipient's Copy

4a. Express Package Service

☒ FedEx Priority Overnight ☐ FedEx Standard Overnight ☐ FedEx First Overnight

Packages up to 150 lbs.

Uniformly guaranteed next business day service.

☐ FedEx 2Day ☐ FedEx Express Saver

4b Express Freight Service

☐ Next business day ☐ Second business day ☐ Third business day

* Call for Confirmation.

☐ FedEx Envelope*
☐ FedEx Pak*
☒ Other

6 Special Handling
SATURDAY DELIVERY ☐ **Include FedEx address in Section 3.**
UNUSUAL DELIVERY ☐ **UNUSUAL DELIVERY**
UNUSUAL DELIVERY ☐ **UNUSUAL DELIVERY**

☒ **Available ONLY for FedEx Priority Overnight, FedEx 2Day, FedEx Overnight, and FedEx 2day**
 1 Day Freight, and FedEx 2Day Freight to select ZIP codes.

☐ **Not available for FedEx Location**
 At FedEx Location

☐ **Available only for FedEx Location**
 FedEx Priority Overnight and FedEx 2Day

☐ No ☐ Yes As per attached ☐ Yes Shipper's Declaration ☐ Divorce DIVORCE & UN-PAID

7 Payment Bill to: Enter Filler Field No. or Credit Card No. below. Obtain Receipt ☐ Accept No. ☐

Act: No. in Section
I will be signed

Total Packages		Total Weight	Total Charges

1/288

8 Release Signature Sign to authorize delivery without obtaining signature.

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

Questions? Visit our Web site at fedex.com
or call 1.800.Go.FedEx® 900.463.3339.
SFS-Flax. Data 5/03 of an F157810-01/994-20035. MANUFACTURED IN U.S.A.

[illegible]

— $\sqrt{2} \times 10^{-4}$ —

Sample Receiving Form

CLIENT: <i>MetCALF + EDDY</i>	WORKORDER: <i>0603-199</i>
CLIENTS JOB: <i>60004548.01</i>	RECEIVED BY: <i>MP</i>
RECEIVED DATE: <i>3/25/06</i>	SHIPPING METHOD: <i>FedEx</i>
TEMP UPON RECEIPT: <i>2.2 °C</i>	

"No" responses must be explained in the comment section below.

Checklist	YES	NO	NA
Were custody seals on shipping container(s) intact? Check "NA" if no seals, or if containers were hand delivered.			<i>X</i>
Were Chain of Custody Forms included with the samples?	<i>X</i>		
Were Chain of Custody Forms properly filled out (ink, signed, etc.)	<i>X</i>		
Were all containers received in good condition (Check for breakage/leaks)?	<i>X</i>		
Were all containers labeled with required information (Sample Id, date, signed, analysis, preservation)?	<i>X</i>		
Were the correct containers used for the tests indicated?	<i>X</i>		
Were proper preservation techniques indicated?	<i>X</i>		
Were samples received within holding times? If "NO" nonconformance form is required.	<i>X</i>		
Were all VOA bottles checked for the presence of air bubbles? If bubbles were found please note in the comment section.			<i>X</i>
Were samples in direct contact with wet ice? If "NO" check one: <input type="checkbox"/> Blue Ice <input type="checkbox"/> No Ice	<i>X</i>		
Is sample temperature recorded ? If "NO" check one: <input type="checkbox"/> Unable to record <input type="checkbox"/> Temp taken near samples	<i>X</i>		
Were pHs of samples checked and recorded on the COC forms?			<i>X</i>
Did the laboratory accept samples?	<i>X</i>		
Will samples be subcontracted? If "yes" list subcontractor and tests in specified sections below.	<i>X</i>		
Subcontractor: <i>Phoenix</i> Date Sent Out: <i>3/27/06</i>			
Analyses Sent: <i>CN-</i>			

Login Technician: <i>(MP)</i>	Login Review:
Comments:	

CHAIN OF CUSTODY RECORD

AMERISCI JOB NO. PAGE 1 OF 1

AMERISCI BOSTON
8 School Street ~ Weymouth, MA 02189
888.724.5221 Toll Free
781.337.9334 Phone ~ 781.337.7642 Fax
www.amerisci.com

DUE DATE:
☐ 1 DAY ☐ 2 DAY ☐ 3 DAY ☒ 5 DAY ☐ 7 DAY ☐ 10 DAY

TEMP UPON RECEIPT: **48°C**

DATA PACKAGE: **0603-212**

P.O.#

COMPANY: **METCALF & EDDY INC**

ADDRESS: **1140 ROUTE 22 EAST, BRIDGEWATER NJ 08807**

PHONE: **(908) 947-0276** FAX 1: **(908) 707-8876** FAX 2:

CLIENT: **NELSON ABRAMS** EMAIL: **NELSON.ABRAMS@M-E.ASCAM.COM**

PROJECT NAME: **BUSTWICK INLET (DDC)** PROJECT NUMBER: **6004548.01** STATE: **NY**

MATRIX: **A-WATER S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS** CONTAINER: **P-PLASTIC G-GLASS V-VOA**

LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	SIZE	TYPE	#	DATE	TIME	TECH
--------	------------------------------	--------	------	------	---	------	------	------

WC-WATER 1	WATER	VARIOUS	9	3/27/06	7:10	EGA	C	Y	8	Notes: MODIFIED
------------	-------	---------	---	---------	------	-----	---	---	---	-----------------

WC-SOIL 1	SOIL	802 CLASS	2	3/27/06	7:20	EGA	C	N/A	-	Notes: ASP PACKED PER NELSON ABRAMS OF M+E
-----------	------	-----------	---	---------	------	-----	---	-----	---	--

NOTE: SAMPLES ARE WASTE CLASSIFICATION SAMPLES FOR BUSTWICK INLET LAGOON BOILING WASTES (BC-1 THRU BC-8)

QUESTIONS? CALL N. ABRAMS 908 947 0276

RECEIVED BY: (PRINT) **ERIC ACS** DATE: **3/27/06**

(SIGN) **Eric** TIME: **14:00**

RELINQUISHED BY: (PRINT) **ERIC ACS** DATE: **3/27/06**

(SIGN) **Eric** TIME: **14:00**

RELINQUISHED BY: (PRINT) **Mark Correse** DATE: **3/28/06**

(SIGN) **Mark Correse** TIME: **10:30**

FULL TCLP RECA ANALYSIS FOR DDC CONTRACT

GRAB (G) OR COMPOSITE (C)
PRESERVATIVES
SAMPLE PH AT LOGIN

Notes: MODIFIED ASP PACKED PER NELSON ABRAMS OF M+E QUESTIONS? CALL N. ABRAMS 908 947 0276

30

52

FedEx USA Airbill
Express

FedEx Tracking Number
8455 4997 2164

1 From This portion can be removed for Recipient's records -

Date 3/27/06 FedEx Tracking Number 8455 4997 2164

Sender's Name ERIC ACS Phone 908-707-8874

Company METCALF & EDDY, INC

Address 1140 US HIGHWAY 22 # 101

City BRIDGEWATER State NJ ZIP 08807-2912

2 Your Internal Billing Reference

3 To Recipient's Name SAMPLE MANAGEMENT Phone 781-337-9334

Company AMERISCI BOSTON

Address 8 SCHOOL STREET

To "HOLD" at FedEx location, print FedEx address.

Address WEYMOUTH State MA ZIP 02189

City WEYMOUTH State MA ZIP 02189



0270544231

Recipient's Copy

4a Express Package Service
Delivery commitment may be later in some areas.
☒ FedEx Priority Overnight Next business morning
☐ FedEx Standard Overnight Next business afternoon
☐ FedEx Express Saver Third business day
FedEx delivery times and holidays. Minimum charge: One-pound rate.

4b Express Freight Service
Delivery commitment may be later in some areas.
☐ FedEx 1Day Freight* Next business day
☐ FedEx 2Day Freight Second business day
☐ FedEx 3Day Freight Third business day
* Call for Confirmation.

5 Packaging
☐ FedEx Envelope*
☐ FedEx Pak* Includes FedEx Small Pak, FedEx Large Pak, and FedEx Surety Pak.
☒ Other

6 Special Handling
☐ SATURDAY Delivery Available ONLY for FedEx Priority Overnight, 1Day, 2Day, and 3Day Freight in select ZIP codes.
Does this shipment contain dangerous goods?
No ☐ Yes ☐ Yes, as per attached Shipper's Declaration and required
Dry Ice ☐ Dry Ice, UN 1845
CARGO AIRCRAFT ONLY
Origin Recipient's Acct. No. ☐ Credit Card ☐ Sender's Service (Print in full)
Payment Bill to: Recipient ☒ Third Party ☐ Credit Card

7 Payment Bill to: Enter FedEx Acct. No. at Credit Card the below:
Sender's Service (Print in full)
Payment Bill to: Recipient ☒ Third Party ☐ Credit Card

8 Release Signature Sign to authorize delivery without obtaining signature.
By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.
Questions? Visit our Web site at fedex.com or call 1.800.Go.FedEx® 800.433.3332.
DSC-Hey, Date 3/27/06 ©1994-2003 FedEx® (P) U.S.A.

Total Packages 1 Total Weight 37
Total Charges 447
Credit Card Info

Sample Receiving Form

CLIENT: <i>metCALF + EDDY</i>	WORKORDER: <i>0603-212</i>
CLIENTS JOB: <i>60004548.01</i>	RECEIVED BY: <i>mp</i>
RECEIVED DATE: <i>3/28/06</i>	SHIPPING METHOD: <i>FedEx</i>
TEMP UPON RECEIPT: <i>4.8°C</i>	

"No" responses must be explained in the comment section below.

Checklist	YES	NO	NA
Were custody seals on shipping container(s) intact? Check "NA" if no seals, or if containers were hand delivered.			<i>X</i>
Were Chain of Custody Forms included with the samples?	<i>X</i>		
Were Chain of Custody Forms properly filled out (ink, signed, etc.)	<i>X</i>		
Were all containers received in good condition (Check for breakage/leaks)?	<i>X</i>		
Were all containers labeled with required information (Sample Id, date, signed, analysis, preservation)?	<i>X</i>		
Were the correct containers used for the tests indicated?	<i>X</i>		
Were proper preservation techniques indicated?	<i>X</i>		
Were samples received within holding times? If "NO" nonconformance form is required.	<i>X</i>		
Were all VOA bottles checked for the presence of air bubbles? If bubbles were found please note in the comment section.	<i>X</i>		
Were samples in direct contact with wet ice?			
If "NO" check one: <input type="checkbox"/> Blue Ice <input type="checkbox"/> No Ice	<i>X</i>		
Is sample temperature recorded ?	<i>X</i>		
If "NO" check one: <input type="checkbox"/> Unable to record <input type="checkbox"/> Temp taken near samples	<i>X</i>		
Were pHs of samples checked and recorded on the COC forms?	<i>X</i>		
Did the laboratory accept samples?	<i>X</i>		
Will samples be subcontracted? If "yes" list subcontractor and tests in specified sections below.	<i>X</i>		
Subcontractor: <i>Phoenix</i> Date Sent Out: <i>3/28/06</i>			
Analyses Sent: <i>REACTIVITY, FLASHPOINT, TCLP HE.B.</i>			

Login Technician: <i>(mp)</i>	Login Review:
Comments:	



(800) 877-4745
www.ecdlivers.com



BOL # 44384266

Pickup Date	Pickup Time	Pickup Agent	Account #	Service Level	Route
4/4/2000	8:30A	8528	68218	7	1

2 FROM (Your Name) PETER CHAN Company: SCI		4 TO (Recipient's Name) MARK PORTER Company: SCI	
Street Address 177 EAST 30TH STREET NEW YORK		Room/Floor Room 1001	
City NEW YORK		State NY	
Zip Code 10013		Room/Floor Room 1001	
3 Shipper Billing Reference			
5 EC Guaranteed Express Parcel Services <input type="checkbox"/> Express Priority Overnight - Next business morning. Consult service guide for specific delivery times. <input type="checkbox"/> Next Business Day (BY 5pm) <input type="checkbox"/> Night Owl (Late Night Pick-up) <input type="checkbox"/> Same Day (Nationwide Next Flight or Door to Door Direct Drive) <input type="checkbox"/> Saturday Service (Not available to all Locations) <input type="checkbox"/> Sunday/Holiday Service <input type="checkbox"/> Early AM by AM (Must call for prior arrangements)			
6 Release Signature		7 Declared Value (\$10,000 max.)	
Placed 3		Routing Code	
Weight 60 lbs.		Signature	
(Subject to weight and dimensional calculations)			

PACKAGE COPY

REORDER FROM CSM GROUP, INC. 508-643-4010

Sample Receiving Form

CLIENT: METRAF + EDDY	WORKORDER: 0604-065
CLIENTS JOB: DDC-EAST RIVER / Bushwick	RECEIVED BY: MP/WL
RECEIVED DATE: 4/6/06	SHIPPING METHOD: FedEx
TEMP UPON RECEIPT: 6 °C	

"No" responses must be explained in the comment section below.

Checklist	YES	NO	NA
Were custody seals on shipping container(s) intact? Check "NA" if no seals, or if containers were hand delivered.			X
Were Chain of Custody Forms included with the samples?	X		
Were Chain of Custody Forms properly filled out (ink, signed, etc.)	X		
Were all containers received in good condition (Check for breakage/ leaks)?	X		
Were all containers labeled with required information (Sample Id, date, signed, analysis, preservation)?	X		
Were the correct containers used for the tests indicated?	X		
Were proper preservation techniques indicated?	X		
Were samples received within holding times? If "NO" nonconformance form is required.	X		
Were all VOA bottles checked for the presence of air bubbles? If bubbles were found please note in the comment section.			X
Were samples in direct contact with wet ice? If "NO" check one: <input type="checkbox"/> Blue Ice <input type="checkbox"/> No Ice	X		
Is sample temperature recorded ? If "NO" check one: <input type="checkbox"/> Unable to record <input type="checkbox"/> Temp taken near samples	X		
Were pHs of samples checked and recorded on the COC forms?			X
Did the laboratory accept samples?	X		
Will samples be subcontracted? If "yes" list subcontractor and tests in specified sections below.	X		
Subcontractor: Phoenix	Date Sent Out: 4/7/06		
Analyses Sent: TCLP Herb, Reactivity, F.P.			

Login Technician: (MP)	Login Review:
Comments:	

FedEx

PRIORITY OVERNIGHT WED

air# 242637 97MAR86

Deliver By:

TRK# 8455 4997 2223 FORM 8215

08MAR86

A2

BOS

02189

MA -US

01 XPUA



FedEx USA Airbill Express

EXPRESS

8455 4997 2223

Recipients Copy

1 From This postage can be removed for Recipient's records

Date 03/07/86 FedEx Tracking Number 015503983-2223

Sender's Name ERIC ACC Phone 908 707-8874

Company METCALF & EDDY INC

Address 1140 US HIGHWAY 22 # 101

City BRIDGEMATER State NJ ZIP 08807-2912

2 Your Internal Billing Reference

3 To Recipient's Name SAMPLE MANAGEMENT Phone 781 337-9334

Company AMEZ SCI BOSTON

Address 8 SCHOOL STREET

City WET MOUTH State MA ZIP 02184

City WET MOUTH State MA ZIP 02184

City WET MOUTH State MA ZIP 02184

8455 4997 2223



0270544231

NO POUCH NEEDED. See back for peel and stick application instructions.

4a Express Package Service
☒ FedEx Priority Overnight
☐ FedEx Standard Overnight
☐ FedEx First Overnight

4b Express Freight Service
☐ FedEx 2Day
☐ FedEx 1Day Freight
☐ FedEx 2Day Freight

5 Packaging
☐ FedEx Envelope
☒ FedEx Box

6 Special Handling
☐ Saturday Delivery
☐ Fragile
☐ Restricted
☐ Hazardous

7 Payment
☒ Recipient
☐ Sender
☐ Third Party

8 Release Signature

Sample Receiving Form

CLIENT: Metcalf & Eddy	WORKORDER: 0603-051
CLIENTS JOB: Bayside 6004548-01	RECEIVED BY: MP
RECEIVED DATE: 3/8/06	SHIPPING METHOD: Fed Ex
TEMP UPON RECEIPT: 2.8°C	

"No" responses must be explained in the comment section below.

Checklist	YES	NO	NA
Were custody seals on shipping container(s) intact? Check "NA" if no seals, or if containers were hand delivered.			X
Were Chain of Custody Forms included with the samples?	X		
Were Chain of Custody Forms properly filled out (ink, signed, etc.)	X		
Were all containers received in good condition (Check for breakage/leaks)?	X		
Were all containers labeled with required information (Sample Id, date, signed, analysis, preservation)?	X		
Were the correct containers used for the tests indicated?	X		
Were proper preservation techniques indicated?	X		
Were samples received within holding times? If "NO" nonconformance form is required.	X		
Were all VOA bottles checked for the presence of air bubbles? If bubbles were found please note in the comment section.	X		
Were samples in direct contact with wet ice?	X		
If "NO" check one: <input type="checkbox"/> Blue Ice <input type="checkbox"/> No Ice	X		
Is sample temperature recorded?	X		
If "NO" check one: <input type="checkbox"/> Unable to record <input type="checkbox"/> Temp taken near samples	X		
Were pHs of samples checked and recorded on the COC forms?	X		
Did the laboratory accept samples?	X		
Will samples be subcontracted? If "yes" list subcontractor and tests in specified sections below.	X		
Subcontractor: Phoenix	Date Sent Out: 3/8/06		
Analyses Sent: CN-			

Login Technician: MP	Login Review:
Comments:	



Please Reply To:

AmeriSci Boston
Eight School Street
Weymouth, MA 02189
TEL:(781)337-9334 FAX:(781)337-7642

FACSIMILE TELECOPY TRANSMISSION

To: Mr. Nelson Abrams
Metcalf & Eddy Associates

AmeriSci Job# 0603-00212

Subject: BUSHWICK INLET (DDC)-FULL

Fax #

Email: Nelson Abrams

Date: Tuesday, April 04, 2006

Time: 6:04:27PM

Comments:

This report consists of 10 pages, including:

Cover Page (Facsimile Telecopy Transmission)	<u>1</u>	pages
Laboratory Report	<u>6</u>	pages
Chain of Custody Record	<u>1</u>	pages
Air bill	<u>1</u>	pages
Sample Receiving Form	<u>1</u>	pages
Miscellaneous	<u>0</u>	pages

CONFIDENTIALITY NOTICE: Unless otherwise indicated, the information contained in this facsimile communication is confidential information intended for the use of the individual named above. If the reader of this communication is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is prohibited. If you have received this communication in error, please immediately notify the sender by telephone and return the original message to the above address via US Postal Service at our expense. Preliminary data reported here will be verified before final report is issued. Samples are disposed of in 60 days unless otherwise instructed by the protocol or special instructions in writing. Thank you.

Certified Analysis Service 24 Hours a Day - 7 Days a Week Competitive Prices
www.ameriscisci.com

Boston - Los Angeles - New York - Richmond



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

Laboratory Report

Report Date 00/00/0000
Workorder No. 0603-00212

Customer: Metcalf & Eddy Associates
1140 Route 22 East
Suite 101
Bridgewater, NJ 08807

Attention: Mr. Nelson Abrams

Subject: BUSHWICK INLET (DDC)-FULL RCRA

Sample: 001 WC-WATER 1

Collection Date: 03/27/2006 Time: 7:10:00AM

Received Date: 03/28/2006 Time: 10:30:00AM

Matrix: WATER

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TCLP Package							
TCLP Volatiles							
Vinyl Chloride	EPA 8260B	ND	ug/L	50	MVP	03/30/2006 / 15:48	
1,1-Dichloroethylene	EPA 8260B	ND	ug/L	50	MVP	03/30/2006 / 15:48	
2-Butanone-(MEK)	EPA 8260B	ND	ug/L	250	MVP	03/30/2006 / 15:48	
Chloroform	EPA 8260B	ND	ug/L	50	MVP	03/30/2006 / 15:48	
Carbon Tetrachloride	EPA 8260B	ND	ug/L	50	MVP	03/30/2006 / 15:48	
Benzene	EPA 8260B	39	ug/L	50	MVP	03/30/2006 / 15:48	J
1,2-Dichloroethane	EPA 8260B	ND	ug/L	50	MVP	03/30/2006 / 15:48	
Trichloroethylene	EPA 8260B	ND	ug/L	50	MVP	03/30/2006 / 15:48	
Tetrachloroethylene	EPA 8260B	ND	ug/L	50	MVP	03/30/2006 / 15:48	
Chlorobenzene	EPA 8260B	ND	ug/L	50	MVP	03/30/2006 / 15:48	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/L	50	MVP	03/30/2006 / 15:48	
DIBROMOFLUOROMETHANE (SURR)		104	%		MVP	03/30/2006 / 15:48	
TOLUENE-D8 (SURROGATE)		98.6	%		MVP	03/30/2006 / 15:48	
4-BROMOFLUOROBENZENE (SURR)		94.0	%		MVP	03/30/2006 / 15:48	
TCLP Semivolatiles							
Pyridine	EPA 8270C	ND	ug/L	25	TLL	03/29/2006 / 22:29	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/L	25	TLL	03/29/2006 / 22:29	
2-Methyl Phenol	EPA 8270C	ND	ug/L	25	TLL	03/29/2006 / 22:29	
Hexachloroethane	EPA 8270C	ND	ug/L	25	TLL	03/29/2006 / 22:29	
3&4-Methyl Phenol	EPA 8270C	ND	ug/L	50	TLL	03/29/2006 / 22:29	
Nitrobenzene	EPA 8270C	ND	ug/L	25	TLL	03/29/2006 / 22:29	
Hexachlorobutadiene	EPA 8270C	ND	ug/L	25	TLL	03/29/2006 / 22:29	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/L	25	TLL	03/29/2006 / 22:29	



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00212

Sample: 001 WC-WATER 1
(Continued)

<u>Parameter</u>	<u>Method</u>	<u>Results</u>	<u>Units</u>	<u>PQL</u>	<u>Tech</u>	<u>Analysis Date/Time</u>	<u>Qual</u>
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/L	25	TLL	03/29/2006 / 22:29	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/L	25	TLL	03/29/2006 / 22:29	
Hexachlorobenzene	EPA 8270C	ND	ug/L	25	TLL	03/29/2006 / 22:29	
Pentachlorophenol	EPA 8270C	ND	ug/L	25	TLL	03/29/2006 / 22:29	
2-FLUOROPHENOL (SURR)		63.6	%		TLL	03/29/2006 / 22:29	
PHENOL-D5 (SURR)		54.6	%		TLL	03/29/2006 / 22:29	
NITROBENZENE-D5 (SURR)		73.8	%		TLL	03/29/2006 / 22:29	
2-FLUOROBIPHENYL (SURR)		73.3	%		TLL	03/29/2006 / 22:29	
2,4,6-TRIBROMOPHENOL (SURR)		78.5	%		TLL	03/29/2006 / 22:29	
TERPHENYL-D14 (SURR)		109	%		TLL	03/29/2006 / 22:29	
TCLP Herbicides							
2,4-D	EPA 8151	ND	ug/L	5.0	*PH	04/03/2006 / 15:21	
2,4,5-TP	EPA 8151	ND	ug/L	1.0	*PH	04/03/2006 / 15:21	
TCLP Pesticides							
gamma-BHC (Lindane)	EPA 8081A	ND	ug/L	0.3	NAC	04/03/2006 / 13:00	
Heptachlor	EPA 8081A	ND	ug/L	0.3	NAC	04/03/2006 / 13:00	
Heptachlor Epoxide	EPA 8081A	ND	ug/L	0.3	NAC	04/03/2006 / 13:00	
Endrin	EPA 8081A	ND	ug/L	0.3	NAC	04/03/2006 / 13:00	
Methoxychlor	EPA 8081A	ND	ug/L	0.3	NAC	04/03/2006 / 13:00	
Chlordane	EPA 8081A	ND	ug/L	5.0	NAC	04/03/2006 / 13:00	
Toxaphene	EPA 8081A	ND	ug/L	5.0	NAC	04/03/2006 / 13:00	
TCMX (SURROGATE)		64.0	%		NAC	04/03/2006 / 13:00	
DCB (SURROGATE)		68.5	%		NAC	04/03/2006 / 13:00	
TCLP Metals							
Barium, TCLP	1311/6010B SW-846	ND	mg/L	10.0	JS	03/29/2006 / 15:44	
Arsenic, TCLP	1311/6010B, SW-846	ND	mg/L	1.00	JS	03/29/2006 / 15:44	
Cadmium, TCLP	1311/6010B SW-846	ND	mg/L	0.100	JS	03/29/2006 / 15:44	
Chromium, TCLP	1311/6010B SW-846	ND	mg/L	0.500	JS	03/29/2006 / 15:44	
Lead, TCLP	1311/6010B SW-846	ND	mg/L	0.500	JS	03/29/2006 / 15:44	
Mercury, TCLP	SW-846 7470	ND	mg/L	0.0200	NAP	03/29/2006 / 16:39	
Silver, TCLP	1311/6010B SW-846	ND	mg/L	0.100	JS	03/29/2006 / 15:44	
Selenium, TCLP	1311/6010B, SW-846	ND	mg/L	0.500	JS	03/29/2006 / 15:44	
PCB							
PCB-1016	EPA 8082	ND	ug/L	1.0	NAC	03/29/2006 / :36	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 2 of 6



Customer: Metcalf & Eddy Associates

Workorder No. 0603-00212

Sample: 001 WC-WATER 1
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-1221	EPA 8082	ND	ug/L	1.0	NAC	03/29/2006 / :36	
PCB-1232	EPA 8082	ND	ug/L	1.0	NAC	03/29/2006 / :36	
PCB-1242	EPA 8082	ND	ug/L	1.0	NAC	03/29/2006 / :36	
PCB-1248	EPA 8082	ND	ug/L	1.0	NAC	03/29/2006 / :36	
PCB-1254	EPA 8082	ND	ug/L	1.0	NAC	03/29/2006 / :36	
PCB-1260	EPA 8082	ND	ug/L	1.0	NAC	03/29/2006 / :36	
PCB-1262	EPA 8082	ND	ug/L	1.0	NAC	03/29/2006 / :36	
TCMX (SURROGATE)		11.1	%		NAC	03/29/2006 / :36	G1
DCB (SURROGATE)		5.04	%		NAC	03/29/2006 / :36	G1
Flash Point - Liquid/Solid	1010, EPA 1983	>200	F	200	*PH	03/28/2006 / 15:45	
Corrosivity	203, EPA 1983	9.11	S.U.	0	PJS	03/28/2006 / 16:27	
Reactivity Cyanide	SW-846, EPA 1983	ND	mg/L	1.0	*PH	03/28/2006 / 15:45	
Reactivity Sulfide	SW846, EPA 1983	ND	mg/L	0.4	*PH	03/28/2006 / 15:45	
TCLP Extraction	1311, EPA	complete		0	TLL	03/29/2006 / 8:10	
TCLP ZHE Extraction	1311, EPA	complete		0	TLL	03/29/2006 / 11:11	
TCLP SVOA EXTRACTION	1311	COMPLETE			TLL	03/29/2006 / 8:11	
608 WATER EXTRACTION		0.200			MEW	03/31/2006 / 7:44	
TCLP Extraction	1311, EPA	complete		0	TLL	03/29/2006 / 8:11	
PCB WATER EXTRACTION		0.980			MEW	03/28/2006 / 21:53	

Sample: 002 WC-SOIL 1
Collection Date: 03/27/2006 Time: 7:20:00AM
Matrix: SOIL

Received Date: 03/28/2006 Time: 10:30:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TCLP Package							
TCLP Volatiles							
Vinyl Chloride	EPA 8260B	ND	ug/L	5	MVP	03/30/2006 / 14:39	
1,1-Dichloroethylene	EPA 8260B	ND	ug/L	5	MVP	03/30/2006 / 14:39	
2-Butanone-(MEK)	EPA 8260B	ND	ug/L	25	MVP	03/30/2006 / 14:39	
Chloroform	EPA 8260B	ND	ug/L	5	MVP	03/30/2006 / 14:39	
Carbon Tetrachloride	EPA 8260B	ND	ug/L	5	MVP	03/30/2006 / 14:39	
Benzene	EPA 8260B	4	ug/L	5	MVP	03/30/2006 / 14:39	J
1,2-Dichloroethane	EPA 8260B	ND	ug/L	5	MVP	03/30/2006 / 14:39	



Customer: Metcalf & Eddy Associates

Workorder No. 0603-00212

Sample: 002 WC-SOIL 1
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Trichloroethylene	EPA 8260B	ND	ug/L	5	MVP	03/30/2006 / 14:39	
Tetrachloroethylene	EPA 8260B	ND	ug/L	5	MVP	03/30/2006 / 14:39	
Chlorobenzene	EPA 8260B	ND	ug/L	5	MVP	03/30/2006 / 14:39	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/L	5	MVP	03/30/2006 / 14:39	
DIBROMOFLUOROMETHANE (SURR)		106	%		MVP	03/30/2006 / 14:39	
TOLUENE-D8 (SURROGATE)		97.8	%		MVP	03/30/2006 / 14:39	
4-BROMOFLUOROBENZENE (SURR)		98.5	%		MVP	03/30/2006 / 14:39	
TCLP Semivolatiles							
Pyridine	EPA 8270C	ND	ug/L	25	TLL	04/03/2006 / 9:19	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/L	25	TLL	04/03/2006 / 9:19	
2-Methyl Phenol	EPA 8270C	ND	ug/L	25	TLL	04/03/2006 / 9:19	
Hexachloroethane	EPA 8270C	ND	ug/L	25	TLL	04/03/2006 / 9:19	
3&4-Methyl Phenol	EPA 8270C	ND	ug/L	50	TLL	04/03/2006 / 9:19	
Nitrobenzene	EPA 8270C	ND	ug/L	25	TLL	04/03/2006 / 9:19	
Hexachlorobutadiene	EPA 8270C	ND	ug/L	25	TLL	04/03/2006 / 9:19	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/L	25	TLL	04/03/2006 / 9:19	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/L	25	TLL	04/03/2006 / 9:19	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/L	25	TLL	04/03/2006 / 9:19	
Hexachlorobenzene	EPA 8270C	ND	ug/L	25	TLL	04/03/2006 / 9:19	
Pentachlorophenol	EPA 8270C	ND	ug/L	25	TLL	04/03/2006 / 9:19	
2-FLUOROPHENOL (SURR)		29.7	%		TLL	04/03/2006 / 9:19	
PHENOL-D5 (SURR)		29.1	%		TLL	04/03/2006 / 9:19	
NITROBENZENE-D5 (SURR)		70.4	%		TLL	04/03/2006 / 9:19	
2-FLUOROBIPHENYL (SURR)		65.8	%		TLL	04/03/2006 / 9:19	
2,4,6-TRIBROMOPHENOL (SURR)		41.8	%		TLL	04/03/2006 / 9:19	
TERPHENYL-D14 (SURR)		105	%		TLL	04/03/2006 / 9:19	
TCLP Herbicides							
2,4-D	EPA 8151	ND	ug/L	5.0	*PH	04/03/2006 / 15:21	
2,4,5-TP	EPA 8151	ND	ug/L	1.0	*PH	04/03/2006 / 15:21	
TCLP Pesticides							
gamma-BHC (Lindane)	EPA 8081A	ND	ug/L	0.3	NAC	04/03/2006 / 14:00	
Heptachlor	EPA 8081A	ND	ug/L	0.3	NAC	04/03/2006 / 14:00	
Heptachlor Epoxide	EPA 8081A	ND	ug/L	0.3	NAC	04/03/2006 / 14:00	
Endrin	EPA 8081A	ND	ug/L	0.3	NAC	04/03/2006 / 14:00	



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00212

Sample: 002 WC-SOIL 1
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Methoxychlor	EPA 8081A	ND	ug/L	0.3	NAC	04/03/2006 / 14:00	
Chlordane	EPA 8081A	ND	ug/L	5.0	NAC	04/03/2006 / 14:00	
Toxaphene	EPA 8081A	ND	ug/L	5.0	NAC	04/03/2006 / 14:00	
TCMX (SURROGATE)		67.5	%		NAC	04/03/2006 / 14:00	
DCB (SURROGATE)		91.6	%		NAC	04/03/2006 / 14:00	
TCLP Metals							
Barium, TCLP	1311/6010B SW-846	ND	mg/L	10.0	JS	03/29/2006 / 15:44	
Arsenic, TCLP	1311/6010B, SW-846	ND	mg/L	1.00	JS	03/29/2006 / 15:44	
Cadmium, TCLP	1311/6010B SW-846	ND	mg/L	0.100	JS	03/29/2006 / 15:44	
Chromium, TCLP	1311/6010B SW-846	ND	mg/L	0.500	JS	03/29/2006 / 15:44	
Lead, TCLP	1311/6010B SW-846	0.711	mg/L	0.500	JS	03/29/2006 / 15:44	
Mercury, TCLP	SW-846 7470	ND	mg/L	0.0200	NAP	03/29/2006 / 16:39	
Silver, TCLP	1311/6010B SW-846	ND	mg/L	0.100	JS	03/29/2006 / 15:44	
Selenium, TCLP	1311/6010B, SW-846	ND	mg/L	0.500	JS	03/29/2006 / 15:44	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	42	MVP	03/31/2006 / :11	
PCB-1221	EPA 8082	ND	ug/Kg	42	MVP	03/31/2006 / :11	
PCB-1232	EPA 8082	ND	ug/Kg	42	MVP	03/31/2006 / :11	
PCB-1242	EPA 8082	ND	ug/Kg	42	MVP	03/31/2006 / :11	
PCB-1248	EPA 8082	ND	ug/Kg	42	MVP	03/31/2006 / :11	
PCB-1254	EPA 8082	ND	ug/Kg	42	MVP	03/31/2006 / :11	
PCB-1260	EPA 8082	ND	ug/Kg	42	MVP	03/31/2006 / :11	
PCB-1262	EPA 8082	ND	ug/Kg	42	MVP	03/31/2006 / :11	
PCB-1268	EPA 8082	ND	ug/Kg	42	MVP	03/31/2006 / :11	
TCMX (SURROGATE)		47.6	%		MVP	03/31/2006 / :11	
DCB (SURROGATE)		56.4	%		MVP	03/31/2006 / :11	
Flash Point - Liquid/Solid	1010, EPA 1983	>200	F	200	*PH	03/28/2006 / 15:45	
Corrosivity	203, EPA 1983	7.88	S.U.	0	PJS	03/28/2006 / 16:27	
Reactivity Cyanide	SW846, EPA 1983	ND	mg/Kg	1.0	*PH	03/28/2006 / 15:45	
Reactivity Sulfide	SW846, EPA 1983	ND	mg/Kg	20	*PH	03/28/2006 / 15:45	
TCLP Extraction	1311, EPA	complete		0	TLL	03/29/2006 / 8:10	
TCLP ZHE Extraction	1311, EPA	complete		0	SEF	03/30/2006 / 10:51	
TCLP SVOA EXTRACTION	1311	COMPLETE			TLL	03/29/2006 / 8:11	
608 WATER EXTRACTION		0.200			MEW	03/31/2006 / 7:44	



Customer: Metcalf & Eddy Associates

Workorder No. 0603-00212

Sample: 002 WC-SOIL 1
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TCLP Extraction	1311, EPA	complete		0	TLL	03/29/2006 / 8:11	
PCB OIL/SOIL EXTRACTIONS		30.45			ADW	03/30/2006 / 12:35	
Percent Solids		77.8	%		TLL	03/29/2006 / 8:06	

G1 Due to sample matrix effects, the surrogate recovery was below the acceptance limits.

J Estimated value. Analyte detected at a level less than the Practical Quantitation Limit (PQL) and greater than or equal to the Method Detection Limit (MDL).

*PH = Phoenix Environmental Laboratories (NELAP: 11301 MA: M-CT007)

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

Authorized By:

Robert Bell, Environmental Laboratory Manager

Date:

4/4/06

NOTE: All solid results are reported on a dry weight basis unless otherwise noted.

NO POUCH NEEDED.
See back for peel and stick application instructions.

52 30

FedEx® USA Airbill
Express
Tracking Number
8455 4997 2164

RECIPIENT: PEEL HERE

1 From This portion can be removed for Recipient's records.

Date 3/27/06 FedEx Tracking Number 8455 4997 2164

Sender's Name ERIC ACS Phone 908-707-8874

Company METCALF & EDDY INC

Address 1140 US HIGHWAY 22 # 101

City BRIDGEWATER State NJ ZIP 08807-2912

2 Your Internal Billing Reference

3 To

Recipient's Name SAMPLE MAMMISTEWMAN Phone 761-337-9334

Company AMERISCI BOSTON

Address 8 SCHOOL STREET

City Weymouth State MA ZIP 02189



8455 4997 2164

0270544231

0215

Recipient's Copy

4a Express Package Service

☒ FedEx Priority Overnight

☐ FedEx Standard Overnight

☐ FedEx First Overnight

☐ FedEx 2Day

☐ FedEx Express Saver

4b Express Freight Service

☐ FedEx 1Day Freight

☐ FedEx 2Day Freight

☐ FedEx 3Day Freight

5 Packaging

☐ FedEx Envelope

☐ FedEx Pak

☒ Other

6 Special Handling

☐ Saturday Delivery

☐ Hold Weekday

☐ Hold Saturday

☐ No

☐ Yes

☐ Yes

7 Payment Bill to:

☐ Sender

☒ Recipient

☐ Third Party

☐ Credit Card

☐ Cash/Check

Total Packages

Total Weight

Total Charges

8 Release Signature

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.
Questions? Visit our Web site at fedex.com
or call 1.800.Go.FedEx® 800.463.2339.
BSP#en-us 5701-Peak 4/15/01-0189-2003 FedEx® ©2002 IN U.S.A.

447

Sample Receiving Form

CLIENT: <i>METCALFE + EDDY</i>	WORKORDER: <i>0603-212</i>
CLIENTS JOB: <i>60004548.01</i>	RECEIVED BY: <i>mf</i>
RECEIVED DATE: <i>3/28/06</i>	SHIPPING METHOD: <i>FEDEX</i>
TEMP UPON RECEIPT: <i>4.8°C</i>	

"No" responses must be explained in the comment section below.

Checklist	YES	NO	NA
Were custody seals on shipping container(s) intact? Check "NA" if no seals, or if containers were hand delivered.			<i>X</i>
Were Chain of Custody Forms included with the samples?	<i>X</i>		
Were Chain of Custody Forms properly filled out (ink, signed, etc.)	<i>X</i>		
Were all containers received in good condition (Check for breakage/leaks)?	<i>X</i>		
Were all containers labeled with required information (Sample Id, date, signed, analysis, preservation)?	<i>X</i>		
Were the correct containers used for the tests indicated?	<i>X</i>		
Were proper preservation techniques indicated?	<i>X</i>		
Were samples received within holding times? If "NO" nonconformance form is required.	<i>X</i>		
Were all VOA bottles checked for the presence of air bubbles? If bubbles were found please note in the comment section.	<i>X</i>		
Were samples in direct contact with wet ice? If "NO" check one: <input type="checkbox"/> Blue Ice <input type="checkbox"/> No Ice	<i>X</i>		
Is sample temperature recorded ? If "NO" check one: <input type="checkbox"/> Unable to record <input type="checkbox"/> Temp taken near samples	<i>X</i>		
Were pHs of samples checked and recorded on the COC forms?	<i>X</i>		
Did the laboratory accept samples?	<i>X</i>		
Will samples be subcontracted? If "yes" list subcontractor and tests in specified sections below.	<i>X</i>		
Subcontractor: <i>Phoenix</i> Date Sent Out: <i>3/28/06</i>			
Analyses Sent: <i>REACTIVITY, FLASHPOINT, TCLP HeB.</i>			

Login Technician: <i>(mf)</i>	Login Review:
Comments:	



Please Reply To:

AmeriSci Boston
Eight School Street
Weymouth, MA 02189
TEL:(781)337-9334 FAX:(781)337-7642

FACSIMILE TELECOPY TRANSMISSION

To: Mr. Nelson Abrams
Metcalf & Eddy Associates

AmeriSci Job# 0604-00065

Subject: DDC: EAST RIVER/BUSHWICK IN

Fax # 908-707-8894

Email: Nelson Abrams

Date: Friday, April 14, 2006

Time: 1:24:01PM

Comments:

This report consists of 10 pages, including:

Cover Page (Facsimile Telecopy Transmission)	<u>1</u>	pages
Laboratory Report	<u>6</u>	pages
Chain of Custody Record	<u>1</u>	pages
Air bill	<u>1</u>	pages
Sample Receiving Form	<u>1</u>	pages
Miscellaneous	<u>0</u>	pages

CONFIDENTIALITY NOTICE: Unless otherwise indicated, the information contained in this facsimile communication is confidential information intended for the use of the individual named above. If the reader of this communication is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is prohibited. If you have received this communication in error, please immediately notify the sender by telephone and return the original message to the above address via US Postal Service at our expense. Preliminary data reported here will be verified before final report is issued. Samples are disposed of in 60 days unless otherwise instructed by the protocol or special instructions in writing. Thank you.

Certified Analysis Service 24 Hours a Day - 7 Days a Week Competitive Prices
www.amerisciboston.com

Boston - Los Angeles - New York - Richmond



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

Laboratory Report

Report Date 00/00/0000
Workorder No. 0604-00065

Customer: Metcalf & Eddy Associates
1140 Route 22 East
Suite 101
Bridgewater, NJ 08807

Attention: Mr. Nelson Abrams

Subject: DDC: EAST RIVER/BUSHWICK INLET

Sample: 001 WC-SOIL 2
Collection Date: 04/05/2006 Time: 8:45:00AM
Matrix: SOIL

Received Date: 04/06/2006 Time: 9:30:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TCLP Package							
TCLP Volatiles							
Vinyl Chloride	EPA 8260B	ND	ug/L	5.0	MVP	04/07/2006 / 11:07	
1,1-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	04/07/2006 / 11:07	
2-Butanone-(MEK)	EPA 8260B	ND	ug/L	25	MVP	04/07/2006 / 11:07	
Chloroform	EPA 8260B	ND	ug/L	5.0	MVP	04/07/2006 / 11:07	
Carbon Tetrachloride	EPA 8260B	ND	ug/L	5.0	MVP	04/07/2006 / 11:07	
Benzene	EPA 8260B	ND	ug/L	5.0	MVP	04/07/2006 / 11:07	
1,2-Dichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	04/07/2006 / 11:07	
Trichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	04/07/2006 / 11:07	
Tetrachloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	04/07/2006 / 11:07	
Chlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	04/07/2006 / 11:07	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	04/07/2006 / 11:07	
DIBROMOFLUOROMETHANE (SURR)		109	%		MVP	04/07/2006 / 11:07	
TOLUENE-D8 (SURROGATE)		93.5	%		MVP	04/07/2006 / 11:07	
4-BROMOFLUOROBENZENE (SURR)		102	%		MVP	04/07/2006 / 11:07	
TCLP Semivolatiles							
Pyridine	EPA 8270C	ND	ug/L	25	NAC	04/07/2006 / 15:14	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/L	25	NAC	04/07/2006 / 15:14	
2-Methyl Phenol	EPA 8270C	ND	ug/L	25	NAC	04/07/2006 / 15:14	
Hexachloroethane	EPA 8270C	ND	ug/L	25	NAC	04/07/2006 / 15:14	
3&4-Methyl Phenol	EPA 8270C	ND	ug/L	50	NAC	04/07/2006 / 15:14	
Nitrobenzene	EPA 8270C	ND	ug/L	25	NAC	04/07/2006 / 15:14	
Hexachlorobutadiene	EPA 8270C	ND	ug/L	25	NAC	04/07/2006 / 15:14	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/L	25	NAC	04/07/2006 / 15:14	



Customer:

Metcalf & Eddy Associates

Workorder No.

0604-00065

Sample: 001 WC-SOIL 2
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/L	25	NAC	04/07/2006 / 15:14	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/L	25	NAC	04/07/2006 / 15:14	
Hexachlorobenzene	EPA 8270C	ND	ug/L	25	NAC	04/07/2006 / 15:14	
Pentachlorophenol	EPA 8270C	ND	ug/L	25	NAC	04/07/2006 / 15:14	
2-FLUOROPHENOL (SURR)		13.2	%		NAC	04/07/2006 / 15:14	
PHENOL-D5 (SURR)		14.1	%		NAC	04/07/2006 / 15:14	
NITROBENZENE-D5 (SURR)		72.2	%		NAC	04/07/2006 / 15:14	
2-FLUOROBIPHENYL (SURR)		83.6	%		NAC	04/07/2006 / 15:14	
2,4,6-TRIBROMOPHENOL (SURR)		52.1	%		NAC	04/07/2006 / 15:14	
TERPHENYL-D14 (SURR)		83.4	%		NAC	04/07/2006 / 15:14	
TCLP Herbicides							
2,4-D	EPA 8151	ND	ug/L	5.0	*PH	04/11/2006 / 11:30	
2,4,5-TP	EPA 8151	ND	ug/L	1.0	*PH	04/11/2006 / 11:30	
TCLP Pesticides							
gamma-BHC (Lindane)	EPA 8081A	ND	ug/L	0.3	NAC	04/12/2006 / 11:49	
Heptachlor	EPA 8081A	ND	ug/L	0.3	NAC	04/12/2006 / 11:49	
Heptachlor Epoxide	EPA 8081A	ND	ug/L	0.3	NAC	04/12/2006 / 11:49	
Endrin	EPA 8081A	ND	ug/L	0.3	NAC	04/12/2006 / 11:49	
Methoxychlor	EPA 8081A	ND	ug/L	0.3	NAC	04/12/2006 / 11:49	
Chlordane	EPA 8081A	ND	ug/L	5.0	NAC	04/12/2006 / 11:49	
Toxaphene	EPA 8081A	ND	ug/L	5.0	NAC	04/12/2006 / 11:49	
TCMX (SURROGATE)		87.1	%		NAC	04/12/2006 / 11:49	
DCB (SURROGATE)		100	%		NAC	04/12/2006 / 11:49	
TCLP Metals							
Barium, TCLP	1311/6010B SW-846	ND	mg/L	10.0	JS	04/07/2006 / 17:48	
Arsenic, TCLP	1311/6010B, SW-846	ND	mg/L	1.00	JS	04/07/2006 / 17:48	
Cadmium, TCLP	1311/6010B SW-846	ND	mg/L	0.100	JS	04/07/2006 / 17:48	
Chromium, TCLP	1311/6010B SW-846	ND	mg/L	0.500	JS	04/07/2006 / 17:48	
Lead, TCLP	1311/6010B SW-846	ND	mg/L	0.500	JS	04/07/2006 / 17:48	
Mercury, TCLP	SW-846 7470	ND	mg/L	0.0200	JS	04/07/2006 / 21:13	
Silver, TCLP	1311/6010B SW-846	ND	mg/L	0.100	JS	04/10/2006 / 18:51	
Selenium, TCLP	1311/6010B, SW-846	ND	mg/L	0.500	JS	04/07/2006 / 17:48	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	37	NAC	04/11/2006 / 14:33	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit



Customer: Metcalf & Eddy Associates

Workorder No. 0604-00065

Sample: 001 WC-SOIL 2
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-1221	EPA 8082	ND	ug/Kg	37	NAC	04/11/2006 / 14:33	
PCB-1232	EPA 8082	ND	ug/Kg	37	NAC	04/11/2006 / 14:33	
PCB-1242	EPA 8082	ND	ug/Kg	37	NAC	04/11/2006 / 14:33	
PCB-1248	EPA 8082	ND	ug/Kg	37	NAC	04/11/2006 / 14:33	
PCB-1254	EPA 8082	ND	ug/Kg	37	NAC	04/11/2006 / 14:33	
PCB-1260	EPA 8082	ND	ug/Kg	37	NAC	04/11/2006 / 14:33	
PCB-1262	EPA 8082	ND	ug/Kg	37	NAC	04/11/2006 / 14:33	
PCB-1268	EPA 8082	ND	ug/Kg	37	NAC	04/11/2006 / 14:33	
TCMX (SURROGATE)		114	%		NAC	04/11/2006 / 14:33	
DCB (SURROGATE)		122	%		NAC	04/11/2006 / 14:33	
Reactivity Cyanide	SW846, EPA 1983	ND	mg/Kg	1.0	*PH	04/10/2006 / 13:09	
Reactivity Sulfide	SW846, EPA 1983	ND	mg/Kg	20	*PH	04/10/2006 / 13:09	
Flash Point - Liquid/Solid	1010, EPA 1983	>200	F	200	*PH	04/07/2006 / 13:09	
Corrosivity	203, EPA 1983	6.68	S.U.	0	PJS	04/12/2006 / 16:23	
TCLP Extraction	1311, EPA	complete		0	TLL	04/07/2006 / 6:24	
TCLP ZHE Extraction	1311, EPA	complete		0	TLL	04/07/2006 / 6:25	
TCLP SVOA EXTRACTION	1311	COMPLETE			TLL	04/07/2006 / 6:25	
608 WATER EXTRACTION		0.200			TLL	04/12/2006 / 9:43	
TCLP Extraction	1311, EPA	complete		0	TLL	04/07/2006 / 6:24	
PCB OIL/SOIL EXTRACTIONS		30.76			ADW	04/10/2006 / 19:12	
Percent Solids		87.8	%		TLL	04/07/2006 / 6:24	
Pesticide Water Extraction						00/00/0000 / :0	

Sample: 002 WC-SOIL 3
Collection Date: 04/05/2006 Time: 10:00:00AM
Matrix: SOIL

Received Date: 04/06/2006 Time: 9:30:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TCLP Package							
TCLP Volatiles							
Vinyl Chloride	EPA 8260B	ND	ug/L	5.0	MVP	04/07/2006 / 11:35	
1,1-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	04/07/2006 / 11:35	
2-Butanone-(MEK)	EPA 8260B	ND	ug/L	25	MVP	04/07/2006 / 11:35	
Chloroform	EPA 8260B	ND	ug/L	5.0	MVP	04/07/2006 / 11:35	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 3 of 6



Customer: Metcalf & Eddy Associates

Workorder No. 0604-00065

Sample: 002 WC-SOIL 3
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Carbon Tetrachloride	EPA 8260B	ND	ug/L	5.0	MVP	04/07/2006 / 11:35	
Benzene	EPA 8260B	3	ug/L	5.0	MVP	04/07/2006 / 11:35	J
1,2-Dichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	04/07/2006 / 11:35	
Trichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	04/07/2006 / 11:35	
Tetrachloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	04/07/2006 / 11:35	
Chlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	04/07/2006 / 11:35	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	04/07/2006 / 11:35	
DIBROMOFLUOROMETHANE (SURR)		110	%		MVP	04/07/2006 / 11:35	
TOLUENE-D8 (SURROGATE)		93.7	%		MVP	04/07/2006 / 11:35	
4-BROMOFLUOROBENZENE (SURR)		107	%		MVP	04/07/2006 / 11:35	
TCLP Semivolatiles							
Pyridine	EPA 8270C	ND	ug/L	25	NAC	04/07/2006 / 15:57	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/L	25	NAC	04/07/2006 / 15:57	
2-Methyl Phenol	EPA 8270C	ND	ug/L	25	NAC	04/07/2006 / 15:57	
Hexachloroethane	EPA 8270C	ND	ug/L	25	NAC	04/07/2006 / 15:57	
3&4-Methyl Phenol	EPA 8270C	ND	ug/L	50	NAC	04/07/2006 / 15:57	
Nitrobenzene	EPA 8270C	ND	ug/L	25	NAC	04/07/2006 / 15:57	
Hexachlorobutadiene	EPA 8270C	ND	ug/L	25	NAC	04/07/2006 / 15:57	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/L	25	NAC	04/07/2006 / 15:57	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/L	25	NAC	04/07/2006 / 15:57	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/L	25	NAC	04/07/2006 / 15:57	
Hexachlorobenzene	EPA 8270C	ND	ug/L	25	NAC	04/07/2006 / 15:57	
Pentachlorophenol	EPA 8270C	ND	ug/L	25	NAC	04/07/2006 / 15:57	
2-FLUOROPHENOL (SURR)		0.65	%		NAC	04/07/2006 / 15:57	GX
PHENOL-D5 (SURR)		0.66	%		NAC	04/07/2006 / 15:57	GX
NITROBENZENE-D5 (SURR)		67.4	%		NAC	04/07/2006 / 15:57	
2-FLUOROBIPHENYL (SURR)		78.4	%		NAC	04/07/2006 / 15:57	
2,4,6-TRIBROMOPHENOL (SURR)		4.90	%		NAC	04/07/2006 / 15:57	GX
TERPHENYL-D14 (SURR)		83.6	%		NAC	04/07/2006 / 15:57	
TCLP Herbicides							
2,4-D	EPA 8151	ND	ug/L	5.0	*PH	04/11/2006 / 11:30	
2,4,5-TP	EPA 8151	ND	ug/L	1.0	*PH	04/11/2006 / 11:30	
TCLP Pesticides							
gamma-BHC (Lindane)	EPA 8081A	ND	ug/L	0.3	NAC	04/12/2006 / 12:18	



Customer: Metcalf & Eddy Associates

Workorder No. 0604-00065

Sample: 002 WC-SOIL 3
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Heptachlor	EPA 8081A	ND	ug/L	0.3	NAC	04/12/2006 / 12:18	
Heptachlor Epoxide	EPA 8081A	ND	ug/L	0.3	NAC	04/12/2006 / 12:18	
Endrin	EPA 8081A	ND	ug/L	0.3	NAC	04/12/2006 / 12:18	
Methoxychlor	EPA 8081A	ND	ug/L	0.3	NAC	04/12/2006 / 12:18	
Chlordane	EPA 8081A	ND	ug/L	5.0	NAC	04/12/2006 / 12:18	
Toxaphene	EPA 8081A	ND	ug/L	5.0	NAC	04/12/2006 / 12:18	
TCMX (SURROGATE)		88.8	%		NAC	04/12/2006 / 12:18	
DCB (SURROGATE)		87.4	%		NAC	04/12/2006 / 12:18	
TCLP Metals							
Barium, TCLP	1311/6010B SW-846	ND	mg/L	10.0	JS	04/07/2006 / 17:48	
Arsenic, TCLP	1311/6010B, SW-846	ND	mg/L	1.00	JS	04/07/2006 / 17:48	
Cadmium, TCLP	1311/6010B SW-846	ND	mg/L	0.100	JS	04/07/2006 / 17:48	
Chromium, TCLP	1311/6010B SW-846	ND	mg/L	0.500	JS	04/07/2006 / 17:48	
Lead, TCLP	1311/6010B SW-846	ND	mg/L	0.500	JS	04/07/2006 / 17:48	
Mercury, TCLP	SW-846 7470	ND	mg/L	0.0200	JS	04/07/2006 / 21:13	
Silver, TCLP	1311/6010B SW-846	ND	mg/L	0.100	JS	04/10/2006 / 18:51	
Selenium, TCLP	1311/6010B, SW-846	ND	mg/L	0.500	JS	04/07/2006 / 17:48	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	37	NAC	04/11/2006 / 14:33	
PCB-1221	EPA 8082	ND	ug/Kg	37	NAC	04/11/2006 / 14:33	
PCB-1232	EPA 8082	ND	ug/Kg	37	NAC	04/11/2006 / 14:33	
PCB-1242	EPA 8082	ND	ug/Kg	37	NAC	04/11/2006 / 14:33	
PCB-1248	EPA 8082	ND	ug/Kg	37	NAC	04/11/2006 / 14:33	
PCB-1254	EPA 8082	ND	ug/Kg	37	NAC	04/11/2006 / 14:33	
PCB-1260	EPA 8082	ND	ug/Kg	37	NAC	04/11/2006 / 14:33	
PCB-1262	EPA 8082	ND	ug/Kg	37	NAC	04/11/2006 / 14:33	
PCB-1268	EPA 8082	ND	ug/Kg	37	NAC	04/11/2006 / 14:33	
TCMX (SURROGATE)		118	%		NAC	04/11/2006 / 14:33	
DCB (SURROGATE)		130	%		NAC	04/11/2006 / 14:33	
Reactivity Cyanide	SW846, EPA 1983	ND	mg/Kg	1.0	*PH	04/10/2006 / 13:09	
Reactivity Sulfide	SW846, EPA 1983	ND	mg/Kg	20	*PH	04/10/2006 / 13:09	
Flash Point - Liquid/Solid	1010, EPA 1983	>200	F	200	*PH	04/07/2006 / 13:09	
Corrosivity	203, EPA 1983	7.48	S.U.	0	PJS	04/12/2006 / 16:23	
TCLP Extraction	1311, EPA	complete		0	TLL	04/07/2006 / 6:24	



Customer: Metcalf & Eddy Associates

Workorder No. 0604-00065

Sample: 002 WC-SOIL 3
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TCLP ZHE Extraction	1311, EPA	complete		0	TLL	04/07/2006 / 6:25	
TCLP SVOA EXTRACTION	1311	COMPLETE			TLL	04/07/2006 / 6:25	
608 WATER EXTRACTION		0.200			TLL	04/12/2006 / 9:43	
TCLP Extraction	1311, EPA	complete		0	TLL	04/07/2006 / 6:24	
PCB OIL/SOIL EXTRACTIONS		30.25			ADW	04/10/2006 / 19:12	
Percent Solids		89.4	%		TLL	04/07/2006 / 6:24	
Pesticide Water Extraction						00/00/0000 / : 0	

GX Due to sample matrix effects, the surrogate recovery was outside acceptance limits.

J Estimated value. Analyte detected at a level less than the Practical Quantitation Limit (PQL) and greater than or equal to the Method Detection Limit (MDL).

*PH = Phoenix Environmental Laboratories (NELAP: 11301 MA: M-CT007)

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

Authorized By:


Robert Bell, Environmental Laboratory Manager

Date:

4-14-06

NOTE: All solid results are reported on a dry weight basis unless otherwise noted.

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 6 of 6



AMERISCI
BOSTON

8 School Street ~ Weymouth, MA 02189
888.724.5221 Toll Free
781.337.9334 Phone ~ 781.337.7642 Fax

CHAIN OF CUSTODY RECORD

AMERISCI JOB NO:

PAGE 1 OF 1

DUE DATE:

☐ 1 DAY ☐ 2 DAY ☐ 3 DAY ☒ 5 DAY ☐ 7 DAY ☐ 10 DAY

TEMP UPON RECEIPT:

62

DATA PACKAGE:

0604-065

P.O.#

COMPANY:

Metcalfe & EDDy INC

ADDRESS:

1140 ROUTE 22 EAST BEDFORD WATER NJ 08807

PHONE:

(908) 947-0274

FAX 2:

(908) 707-8876

CLIENT:

CONTACT: NELSON, ABRAMS

EMAIL:

ABRAMS, ABRAMS@AMERISCI.COM

PROJECT:

NAME: EAST RIVER / BOSTON WET (DDC)

PROJECT NUMBER: 6000 5254.01

PROJECT STATE: NY

MATRIX: A-WATER S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS

CONTAINER: P-PLASTIC G-GLASS V-VOA

LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	SIZE	TYPE	#	DATE	TIME	TECH
--------	------------------------------	--------	------	------	---	------	------	------

GRAB (G) OR COMPOSITE (C)

PRESERVATIVES

SAMPLE pH AT LOGIN

FULL TCLP RCRA CHARACTERISTICS PER DDC CONTRACT

Notes:

INC - SOIL 2

SOIL

82

6003

2

4/5/06

8:45

EA

C

N/A

X

X

MODIFIED

ASD PHOTOMETER

PER NELSON

ABRAMS

OF MTS

QUESTIONS?

CALL N.

ABRAMS

908 947 0074

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

WC - SOIL 2

15

A

WASTE

CLASSIFICATION

SAMPLE FOR

DRILL CUTTINGS

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

WC - SOIL 3

15

A

WASTE

CLASSIFICATION

SAMPLE FOR

DRILL CUTTINGS

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

WC - SOIL 3

15

A

WASTE

CLASSIFICATION

SAMPLE FOR

DRILL CUTTINGS

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

WC - SOIL 3

15

A

WASTE

CLASSIFICATION

SAMPLE FOR

DRILL CUTTINGS

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

WC - SOIL 3

15

A

WASTE

CLASSIFICATION

SAMPLE FOR

DRILL CUTTINGS

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

WC - SOIL 3

15

A

WASTE

CLASSIFICATION

SAMPLE FOR

DRILL CUTTINGS

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

WC - SOIL 3

15

A

WASTE

CLASSIFICATION

SAMPLE FOR

DRILL CUTTINGS

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:

DATE:

TIME:



(800) 877-4745

www.easdelivers.com



Pick-up Date	Pick-up Time	Pick-up Agent	Account #	Service Level	Route
4/4/2008	8:58	1	63218	7	5/5

BOL # 44384266

2 FROM (Your Name) **DEE CARM** Phone (800) 705-5227

Company **SCI**

Street Address **30TH STREET** Room/Floor

City **NEW YORK** State **NY** Zip Code **10018**

3 Shipper Billing Reference

5 EC Guaranteed Express Parcel Services

☐ Express Priority Overnight - Next business morning. Consult service guide for specific delivery times.

☐ Next Business Day (By 5pm)

☐ Night Owl (Late Night Pick-up)

☐ Same Day (Nationwide Next Flight or Door to Door Direct Drive)

☐ Saturday Service (Not available to all locations)

☐ Sunday/Holiday Service

☐ Early AM by **AM** (Must call for prior arrangements)

Pieces **3**

Weight

lbs.

(Subject to weight and dimensions restrictions)

4 TO (Recipient's Name) **MARK PORTER** Phone (888) 724-5223

Company **SCI**

Street Address **30TH STREET** Room/Floor

City **NEW YORK** State **NY** Zip Code **10018**

Special Instructions

6 Release Signature

By signing here, sender authorizes Eastern Connection to deliver this shipment without obtaining a delivery signature and shall hold harmless Eastern Connection from any claim resulting therefrom.

7 Declared Value (\$10,000 max.)

Routing Code

PACKAGE COPY

Sample Receiving Form

CLIENT: METAMF + EDDY	WORKORDER: 0604-065
CLIENTS JOB: DDC-EAST RIVER / Bushwick	RECEIVED BY: MP/NC
RECEIVED DATE: 4/6/06	SHIPPING METHOD: FEDEX
TEMP UPON RECEIPT: 6 °C	

"No" responses must be explained in the comment section below.

Checklist	YES	NO	NA
Were custody seals on shipping container(s) intact? Check "NA" if no seals, or if containers were hand delivered.			X
Were Chain of Custody Forms included with the samples?	X		
Were Chain of Custody Forms properly filled out (ink, signed, etc.)	X		
Were all containers received in good condition (Check for breakage/ leaks)?	X		
Were all containers labeled with required information (Sample Id, date, signed, analysis, preservation)?	X		
Were the correct containers used for the tests indicated?	X		
Were proper preservation techniques indicated?	X		
Were samples received within holding times? If "NO" nonconformance form is required.	X		
Were all VOA bottles checked for the presence of air bubbles? If bubbles were found please note in the comment section.			X
Were samples in direct contact with wet ice? If "NO" check one: <input type="checkbox"/> Blue Ice <input type="checkbox"/> No Ice	X		
Is sample temperature recorded ? If "NO" check one: <input type="checkbox"/> Unable to record <input type="checkbox"/> Temp taken near samples	X		
Were pHs of samples checked and recorded on the COC forms?			X
Did the laboratory accept samples?	X		
Will samples be subcontracted? If "yes" list subcontractor and tests in specified sections below.	X		
Subcontractor: Phoenix	Date Sent Out: 4/7/06		
Analyses Sent: TCU PHERB, REACTIVITY, F.P.			

Login Technician: (MP)	Login Review:
Comments:	

Please Reply To:

The logo for AmeriSci, featuring the company name in a stylized font with a swoosh above and below it.

AmeriSci Boston
Eight School Street
Weymouth, MA 02189

TEL:(781)337-9334 FAX:(781)337-7642

FACSIMILE TELECOPY TRANSMISSION

To: Mr. Nelson Abrams
Metcalf & Eddy Associates

AmeriSci Job# 0603-00051

Subject: BAYSIDE

Fax # 908-707-8894

Email: Nelson Abrams

Date: Thursday, March 16, 2006

Time: 8:28:56AM

Comments:

This report consists of 13 pages, including:

Cover Page (Facsimile Telecopy Transmission)	<u>1</u>	pages
Laboratory Report	<u>9</u>	pages
Chain of Custody Record	<u>1</u>	pages
Air bill	<u>1</u>	pages
Sample Receiving Form	<u>1</u>	pages
Miscellaneous	<u>0</u>	pages

CONFIDENTIALITY NOTICE: Unless otherwise indicated, the information contained in this facsimile communication is confidential information intended for the use of the individual named above. If the reader of this communication is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is prohibited. If you have received this communication in error, please immediately notify the sender by telephone and return the original message to the above address via US Postal Service at our expense. Preliminary data reported here will be verified before final report is issued. Samples are disposed of in 60 days unless otherwise instructed by the protocol or special instructions in writing. Thank you.

Certified Analysis Service 24 Hours a Day - 7 Days a Week Competitive Prices
www.amerisci.com

Boston - Los Angeles - New York - Richmond

Laboratory Report

Report Date 03/16/2006
Workorder No. 0603-00051

Customer: Metcalf & Eddy Associates
1140 Route 22 East
Suite 101
Bridgewater, NJ 08807

Attention: Mr. Nelson Abrams

Subject: BAYSIDE PETROLEUM/BUSHWICK

Sample: 001 FB030706

Collection Date: 03/07/2006 Time: 11:30:00AM

Received Date: 03/08/2006 Time: 10:05:00AM

Matrix: WATER

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics 8260							
Dichlorodifluoromethane	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
Vinyl Chloride	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
Chloromethane	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
Bromomethane	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
Chloroethane	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
Trichlorofluoromethane	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
Acrolein	EPA 8260B	ND	ug/L	25	MVP	03/09/2006 / 12:26	
Acetone	EPA 8260B	ND	ug/L	25	MVP	03/09/2006 / 12:26	
1,1-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
Iodomethane	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
Carbon Disulfide	EPA 8260B	ND	ug/L	25	MVP	03/09/2006 / 12:26	
Methylene Chloride	EPA 8260B	2	ug/L	5.0	MVP	03/09/2006 / 12:26	J
Acrylonitrile	EPA 8260B	ND	ug/L	25	MVP	03/09/2006 / 12:26	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
1,1-Dichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
Vinyl Acetate	EPA 8260B	ND	ug/L	25	MVP	03/09/2006 / 12:26	
2-Butanone-(MEK)	EPA 8260B	ND	ug/L	25	MVP	03/09/2006 / 12:26	
2,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
Chloroform	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
Bromochloromethane	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
1,1-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	

Sample: 001 FB030706
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Carbon Tetrachloride	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
Benzene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
1,2-Dichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
Trichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
1,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/L	25	MVP	03/09/2006 / 12:26	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/L	25	MVP	03/09/2006 / 12:26	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
Toluene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
Bromodichloromethane	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
Dibromomethane	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
1,2-Dibromoethane	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
2-Hexanone	EPA 8260B	ND	ug/L	25	MVP	03/09/2006 / 12:26	
1,3-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
Tetrachloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
Dibromochloromethane	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
Chlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
Ethylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
M&P-Xylene	EPA 8260B	ND	ug/L	10	MVP	03/09/2006 / 12:26	
O-Xylene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
Styrene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
Bromoform	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
Isopropylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
n-Propylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	ug/L	25	MVP	03/09/2006 / 12:26	
Bromobenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
2-Chlorotoluene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
4-Chlorotoluene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	

Sample: 001 FB030706
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
tert-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
sec-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
4-Isopropyltoluene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
n-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
Hexachlorobutadiene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
Naphthalene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:26	
DIBROMOFLUOROMETHANE (SURR)		116	%		MVP	03/09/2006 / 12:26	
TOLUENE-D8 (SURROGATE)		105	%		MVP	03/09/2006 / 12:26	
4-BROMOFLUOROBENZENE (SURR)		107	%		MVP	03/09/2006 / 12:26	
B/NA Extractables EPA 8270							
N-Nitrosodimethylamine	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
Aniline	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
Phenol	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
2-Chlorophenol	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
Benzyl Alcohol	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
2-Methyl Phenol	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
Hexachloroethane	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
3&4-Methyl Phenol	EPA 8270C	ND	ug/L	11	TLL	03/09/2006 / 19:48	
Nitrobenzene	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
Isophorone	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
2-Nitrophenol	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	

Sample: 001 FB030706
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2,4-Dimethylphenol	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
2,4-Dichlorophenol	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
Benzole Acid	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
Naphthalene	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
4-Chloroaniline	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
Hexachlorobutadiene	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
2-Methylnaphthalene	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
2-Chloronaphthalene	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
2-Nitroaniline	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
Acenaphthylene	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
Dimethyl Phthalate	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
Acenaphthene	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
3-Nitroaniline	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
2,4-Dinitrophenol	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
Dibenzofuran	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
4-Nitrophenol	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
Fluorene	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
Diethyl Phthalate	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
4-Nitroaniline	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
Hexachlorobenzene	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
Pentachlorophenol	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
Phenanthrene	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	

Sample: 001 FB030706
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Anthracene	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
Carbazole	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
Di-n-butylphthalate	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
Fluoranthene	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
Benzidine	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
Pyrene	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
Benzo(a)anthracene	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
Chrysene	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
bis(2-Ethylhexyl)phthalate	EPA 8270C	8	ug/L	5	TLL	03/09/2006 / 19:48	B
Di-n-octyl phthalate	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
Benzo(a)pyrene	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/L	5	TLL	03/09/2006 / 19:48	
2-FLUOROPHENOL (SURR)		50.5	%		TLL	03/09/2006 / 19:48	
PHENOL-D5 (SURR)		33.5	%		TLL	03/09/2006 / 19:48	
NITROBENZENE-D5 (SURR)		82.2	%		TLL	03/09/2006 / 19:48	
2-FLUOROBIPHENYL (SURR)		87.9	%		TLL	03/09/2006 / 19:48	
2,4,6-TRIBROMOPHENOL (SURR)		79.2	%		TLL	03/09/2006 / 19:48	
TERPHENYL-D14 (SURR)		120	%		TLL	03/09/2006 / 19:48	
PCB							
PCB-1016	EPA 8082	ND	ug/L	1.1	NAC	03/10/2006 / 9:05	
PCB-1221	EPA 8082	ND	ug/L	1.1	NAC	03/10/2006 / 9:05	
PCB-1232	EPA 8082	ND	ug/L	1.1	NAC	03/10/2006 / 9:05	
PCB-1242	EPA 8082	ND	ug/L	1.1	NAC	03/10/2006 / 9:05	
PCB-1248	EPA 8082	ND	ug/L	1.1	NAC	03/10/2006 / 9:05	
PCB-1254	EPA 8082	ND	ug/L	1.1	NAC	03/10/2006 / 9:05	
PCB-1260	EPA 8082	ND	ug/L	1.1	NAC	03/10/2006 / 9:05	
PCB-1262	EPA 8082	ND	ug/L	1.1	NAC	03/10/2006 / 9:05	
TCMX (SURROGATE)		114	%		NAC	03/10/2006 / 9:05	



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00051

Sample: 001 FB030706

(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
DCB (SURROGATE)		108	%		NAC	03/10/2006 / 9:05	
Target Analyte List Metals							
Aluminum	200.7, EPA 1987	ND	mg/L	0.150	JS	03/13/2006 / 12:20	
Antimony	200.7, EPA 1987	ND	mg/L	0.0100	JS	03/13/2006 / 12:20	
Barium	200.7, EPA 1987	ND	mg/L	0.0100	JS	03/13/2006 / 12:20	
Arsenic	200.7, EPA 1987	ND	mg/L	0.0100	JS	03/13/2006 / 12:20	
Beryllium	200.7, EPA 1987	ND	mg/L	0.00250	JS	03/13/2006 / 12:20	
Cadmium	200.7, EPA 1987	ND	mg/L	0.00110	JS	03/13/2006 / 12:20	
Chromium	200.7, EPA 1987	ND	mg/L	0.00600	JS	03/13/2006 / 12:20	
Calcium	200.7, EPA 1987	ND	mg/L	0.500	JS	03/13/2006 / 12:20	
Copper	200.7, EPA 1987	0.0542	mg/L	0.00500	JS	03/13/2006 / 12:20	
Cobalt	200.7, EPA 1987	ND	mg/L	0.0500	JS	03/13/2006 / 12:20	
Iron	200.7, EPA 1987	ND	mg/L	0.100	JS	03/13/2006 / 12:20	
Magnesium	200.7, EPA 1987	ND	mg/L	0.500	JS	03/13/2006 / 12:20	
Lead	200.7, EPA 1987	ND	mg/L	0.0100	JS	03/13/2006 / 12:20	
Manganese	200.7, EPA 1987	ND	mg/L	0.00700	JS	03/13/2006 / 12:20	
Mercury	245.1, EPA 1983	ND	mg/L	0.000200	NAP	03/10/2006 / 13:59	
Nickel	200.7, EPA 1987	ND	mg/L	0.0400	JS	03/13/2006 / 12:20	
Potassium	200.7, EPA 1987	ND	mg/L	0.500	JS	03/13/2006 / 12:20	
Sodium	200.7, EPA 1987	ND	mg/L	2.00	JS	03/13/2006 / 12:20	
Silver	200.7, EPA 1987	0.0108	mg/L	0.00500	JS	03/13/2006 / 12:20	
Selenium	200.7, EPA 1987	ND	mg/L	0.0200	JS	03/13/2006 / 12:20	
Zinc	200.7, EPA 1987	0.0742	mg/L	0.0500	JS	03/13/2006 / 12:20	
Thallium	200.7, EPA 1987	ND	mg/L	0.0200	JS	03/13/2006 / 12:20	
Vanadium	200.7, EPA 1987	ND	mg/L	0.0500	JS	03/13/2006 / 12:20	
Total Cyanide	9010/335.3	ND	mg/L	0.01	*PH	03/10/2006 / 14:02	
PCB WATER EXTRACTION		0.950			MEW	03/08/2006 / 8:24	

Sample: 002 TB030706

Collection Date: 03/07/2006 Time: 11:30:00AM

Received Date: 03/08/2006 Time: 10:05:00AM

Matrix: WATER

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics 8260							

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 6 of 9

9

Sample: 002 TB030706
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Dichlorodifluoromethane	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
Vinyl Chloride	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
Chloromethane	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
Bromomethane	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
Chloroethane	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
Trichlorofluoromethane	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
Acrolein	EPA 8260B	ND	ug/L	25	MVP	03/09/2006 / 12:54	
Acetone	EPA 8260B	ND	ug/L	25	MVP	03/09/2006 / 12:54	
1,1-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
Iodomethane	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
Carbon Disulfide	EPA 8260B	ND	ug/L	25	MVP	03/09/2006 / 12:54	
Methylene Chloride	EPA 8260B	7	ug/L	5.0	MVP	03/09/2006 / 12:54	
Acrylonitrile	EPA 8260B	ND	ug/L	25	MVP	03/09/2006 / 12:54	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
1,1-Dichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
Vinyl Acetate	EPA 8260B	ND	ug/L	25	MVP	03/09/2006 / 12:54	
2-Butanone-(MEK)	EPA 8260B	ND	ug/L	25	MVP	03/09/2006 / 12:54	
2,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
Chloroform	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
Bromochloromethane	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
1,1-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
Carbon Tetrachloride	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
Benzene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
1,2-Dichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
Trichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
1,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/L	25	MVP	03/09/2006 / 12:54	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/L	25	MVP	03/09/2006 / 12:54	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
Toluene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	

Sample: 002 TB030706
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Bromodichloromethane	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
Dibromomethane	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
1,2-Dibromoethane	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
2-Hexanone	EPA 8260B	ND	ug/L	25	MVP	03/09/2006 / 12:54	
1,3-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
Tetrachloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
Dibromochloromethane	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
Chlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
Ethylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
M&P-Xylene	EPA 8260B	2	ug/L	10	MVP	03/09/2006 / 12:54	J
O-Xylene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
Styrene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
Bromoform	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
Isopropylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
n-Propylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	ug/L	25	MVP	03/09/2006 / 12:54	
Bromobenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
2-Chlorotoluene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
4-Chlorotoluene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
tert-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
sec-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
4-Isopropyltoluene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
n-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	

Sample: 002 TB030706
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Hexachlorobutadiene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
Naphthalene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/09/2006 / 12:54	
DIBROMOFLUOROMETHANE (SURR)		103	%		MVP	03/09/2006 / 12:54	
TOLUENE-D8 (SURROGATE)		96.0	%		MVP	03/09/2006 / 12:54	
4-BROMOFLUOROBENZENE (SURR)		85.7	%		MVP	03/09/2006 / 12:54	

B Analyte was detected in the associated Method Blank.

J Estimated value. Analyte detected at a level less than the Practical Quantitation Limit (PQL) and greater than or equal to the Method Detection Limit (MDL).

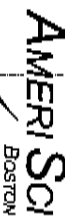
*PH = Phoenix Environmental Laboratories (NELAP: 11301 MA: M-CT007)

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

Authorized By:

Robert Bell, Environmental Laboratory Manager

Date: 3-16-06



Boston

8 School Street ~ Weymouth, MA 02189

888.724.5221 Toll Free

www.ameriscisci.com

781.337.9334 Phone ~ 781.337.7642 Fax

CHAIN OF CUSTODY RECORD

AMERISCI Job No:

PAGE 1 OF 1

AMERISCI BOSTON

DUE DATE: ☐ 1 DAY ☐ 2 DAY ☐ 3 DAY ☒ 5 DAY ☐ 7 DAY ☐ 10 DAY

TEMP UPON RECEIPT: 2-8°C

DATA PACKAGE:

0603-051

PO#

COMPANY: METCALFE EDDY INC

ADDRESS: 1140 ROUTE 22 EAST, BADDENWATER NY 08807

PHONE: (908)947 0274 FAX 1: (908)707-8874 FAX 2:

CLIENT CONTACT: NELSON ABRAHAM EMAIL: NELSON.ABRAHAM@METCALFEEDY.COM

PROJECT NAME: BAYSTATE PERCOLATION/BIOMONITORING PROJECT NUMBER: 00004548.01 PROJECT STATE: NY

MATRIX: A-WATER S-SOIL/SOLIDS SL-SLUDGE CH-OIL CH-CHIPS CONTAINER: P-PLASTIC G-GLASS V-VOA

LAB ID	CLIENT/SAMPLE IDENTIFICATION	MATRIX	CONTAINER SIZE	TIME	DATE	TIME	TECH	SAMPLING INFORMATION	GRAB (G) OR COMPOSITE (C)	PRESERVATIVES	SAMPLE pH/T LOGIN
--------	------------------------------	--------	----------------	------	------	------	------	----------------------	---------------------------	---------------	-------------------

FB030706

WATER 3-6 inch 1/6

03/07/06 1130 MYC

6

NO PRESERVATIVES

VOCs SVOCs PCB TAL METALS CYANIDE

Notes: MODIFIED ASP SPECIMEN PER NELSON ABRAHAM OF METE

My P. 1/18/06

Signature

SAMPLED BY: (PRINT)

Signature

DATE: 05/07/06

RECEIVED BY: (PRINT)

DATE:

(SIGN)

u

Signature

TIME: 1617

RECEIVED BY: (PRINT)

DATE:

(SIGN)

RELINQUISHED BY: (PRINT)

DATE:

RECEIVED FOR LABORATORY BY: (PRINT)

MARK PARRA

DATE: 3/8/06

(SIGN)

Signature

DATE: 10/25

FedEx
Priority Overnight
MED

TRK# 8455 4997 2223
FORM 0215

Deliver By:
06MAR06
R2

02189 -MA-JS

BOS
01 XPUA



52
FedEx USA Airbill
Express Tracking Number 8455 4997 2223

RECIPIENT: PEEL HERE

1 From This package can be returned for recipient's records
Date 03/07/06 FedEx Tracking Number 8455 4997 2223
Sender's Name ERIC ACC Phone 908 707-8874
Company METCALF & EDEY INC
Address 1140 US HIGHWAY 22 # 101
City BRIDGEWATER State NJ ZIP 08807-2912
2 Your Internal Billing Reference
3 To
Recipient's Name SHARIT MANAGEMENT Phone 781 337-9331
Company AMCI SCI BOSTON
Address 8 SCHOOL STREET
City WYBANTH State MA ZIP 02189



8455 4997 2223

0270544231

0215

Recipient's Copy

4a Express Package Service
☒ FedEx Priority Overnight
☐ FedEx Standard Overnight
☐ FedEx First Overnight

4b Express Freight Service
☐ FedEx 2Day
☐ FedEx 2Day Freight
☐ FedEx 3Day Freight
☐ FedEx 4Day Freight
☐ FedEx 5Day Freight

5 Packaging
☐ FedEx Envelope
☐ FedEx Box
☐ FedEx Tube
☐ FedEx Pallet

6 Special Handling
☐ Signature Required
☐ Restricted Access
☐ Fragile
☐ Perishable
☐ Hazardous
☐ High Value
☐ Other

7 Payment
☐ Sender
☒ Recipient
☐ Third Party
☐ Collect on Delivery

8 Release Signature
Signature: [Signature]
Date: 03/07/06

By signing this airbill, you agree to the terms and conditions of the FedEx Service Agreement. For more information, visit our website at www.fedex.com or call 1-800-FED-EX.

ALIGN OPEN END OF FEDEX AIRBILL

Sample Receiving Form

CLIENT: Metcalf & Eddy	WORKORDER: 0603-051
CLIENTS JOB: Bayside 6004548-01	RECEIVED BY: mp
RECEIVED DATE: 3/8/06	SHIPPING METHOD: Fed Ex
TEMP UPON RECEIPT: 2-8°C	

"No" responses must be explained in the comment section below.

Checklist	YES	NO	NA
Were custody seals on shipping container(s) intact? Check "NA" if no seals, or if containers were hand delivered.			x
Were Chain of Custody Forms included with the samples?	x		
Were Chain of Custody Forms properly filled out (ink, signed, etc.)	x		
Were all containers received in good condition (Check for breakage/leaks)?	x		
Were all containers labeled with required information (Sample Id, date, signed, analysis, preservation)?	x		
Were the correct containers used for the tests indicated?	x		
Were proper preservation techniques indicated?	x		
Were samples received within holding times? If "NO" nonconformance form is required.	x		
Were all VOA bottles checked for the presence of air bubbles? If bubbles were found please note in the comment section.	x		
Were samples in direct contact with wet ice? If "NO" check one: <input type="checkbox"/> Blue Ice <input type="checkbox"/> No Ice	x		
Is sample temperature recorded ? If "NO" check one: <input type="checkbox"/> Unable to record <input type="checkbox"/> Temp taken near samples	x		
Were pHs of samples checked and recorded on the COC forms?	x		
Did the laboratory accept samples?	x		
Will samples be subcontracted? If "yes" list subcontractor and tests in specified sections below.	x		
Subcontractor: Phoenix	Date Sent Out: 3/8/06		
Analyses Sent: CN-			

Login Technician: (mp)	Login Review:
Comments:	



Please Reply To:

AmeriSci Boston
Eight School Street
Weymouth, MA 02189
TEL:(781)337-9334 FAX:(781)337-7642

FACSIMILE TELECOPY TRANSMISSION

To: Mr. Nelson Abrams
Metcalf & Eddy Associates

AmeriSci Job# 0602-00231
Subject: DDC: BAYSIDE

Fax # 908-707-8894

nelson.abrams@m-e.com

Date: Tuesday, March 07, 2006

Time: 5:55:28PM

Comments:

This report consists of 39 pages, including:

Cover Page (Facsimile Telecopy Transmission)	<u>1</u>	pages
Laboratory Report	<u>35</u>	pages
Chain of Custody Record	<u>1</u>	pages
Air bill	<u>1</u>	pages
Sample Receiving Form	<u>1</u>	pages
Miscellaneous	<u>0</u>	pages

CONFIDENTIALITY NOTICE: Unless otherwise indicated, the information contained in this facsimile communication is confidential information intended for the use of the individual named above. If the reader of this communication is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is prohibited. If you have received this communication in error, please immediately notify the sender by telephone and return the original message to the above address via US Postal Service at our expense. Preliminary data reported here will be verified before final report is issued. Samples are disposed of in 60 days unless otherwise instructed by the protocol or special instructions in writing. Thank you.

Certified Analysis **Service 24 Hours a Day - 7 Days a Week** **Competitive Prices**
www.amerisci.com

Boston - Los Angeles - New York - Richmond



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

Laboratory Report

Report Date 03/07/2006
Workorder No. 0602-00231

Customer: Metcalf & Eddy Associates
1140 Route 22 East
Suite 101
Bridgewater, NJ 08807

Attention: Mr. Nelson Abrams

Subject: DDC: BAYSIDE PETROLEUM/BUSWICK

Sample: 001 BCS-1 18-20
Collection Date: 02/22/2006 Time: 9:50:00AM
Matrix: SOIL

Received Date: 02/28/2006 Time: 12:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							1
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
Chloromethane	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
Bromomethane	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
Chloroethane	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	220	MVP	03/07/2006 / 1:00	
Acrolein	EPA 8260B	930	ug/Kg	220	MVP	03/07/2006 / 1:00	
Acetone	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
Iodomethane	EPA 8260B	ND	ug/Kg	220	MVP	03/07/2006 / 1:00	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	180	MVP	03/07/2006 / 1:00	
Methylene Chloride	EPA 8260B	ND	ug/Kg	220	MVP	03/07/2006 / 1:00	
Acrylonitrile	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	220	MVP	03/07/2006 / 1:00	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	220	MVP	03/07/2006 / 1:00	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
Chloroform	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
Bromochloromethane	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected

PQL= Practical Quantitation Limit

Page: 1 of 35



Customer:

Metcalf & Eddy Associates

Workorder No. 0602-00231

Sample: 001 BCS-1 18-20
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
Benzene	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
Trichloroethylene	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	220	MVP	03/07/2006 / 1:00	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	220	MVP	03/07/2006 / 1:00	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
Toluene	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
Dibromomethane	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	220	MVP	03/07/2006 / 1:00	
2-Hexanone	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
Chlorobenzene	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
1,1,1,2-Tetrachloroethane	EPA 8260B	72	ug/Kg	45	MVP	03/07/2006 / 1:00	
Ethylbenzene	EPA 8260B	49	ug/Kg	90	MVP	03/07/2006 / 1:00	J
M & P XYLENE	EPA 8260B	120	ug/Kg	45	MVP	03/07/2006 / 1:00	
O-XYLENE	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
Styrene	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
Bromoform	EPA 8260B	120	ug/Kg	45	MVP	03/07/2006 / 1:00	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
1,2,3-Trichloropropane	EPA 8260B	88	ug/Kg	45	MVP	03/07/2006 / 1:00	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
Bromobenzene	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
2-Chlorotoluene	EPA 8260B	150	ug/Kg	45	MVP	03/07/2006 / 1:00	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
4-Chlorotoluene	EPA 8260B						

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

Page:

2 of

35

ND = Not Detected PQL= Practical Quantitation Limit



Customer:

Metcalf & Eddy Associates

Workorder No.

0602-00231

Sample:
(Continued)

001 BCS-1 18-20

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
1,2,4-Trimethylbenzene	EPA 8260B	850	ug/Kg	45	MVP	03/07/2006 / 1:00	
sec-Butylbenzene	EPA 8260B	100	ug/Kg	45	MVP	03/07/2006 / 1:00	
4-Isopropyltoluene	EPA 8260B	420	ug/Kg	45	MVP	03/07/2006 / 1:00	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
n-Butylbenzene	EPA 8260B	110	ug/Kg	45	MVP	03/07/2006 / 1:00	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
Naphthalene	EPA 8260B	2900	ug/Kg	45	MVP	03/07/2006 / 1:00	BE
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	45	MVP	03/07/2006 / 1:00	
DIBROMOFLUOROMETHANE (SURR)		112	%		MVP	03/07/2006 / 1:00	
TOLUENE-D8 (SURROGATE)		82.8	%		MVP	03/07/2006 / 1:00	GX
4-BROMOFLUOROBENZENE (SURR)		107	%		MVP	03/07/2006 / 1:00	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	
Phenol	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	
Hexachloroethane	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	6700	TLL	03/06/2006 / 19:07	
Nitrobenzene	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	
Isophorone	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

Page:

3 of

35

ND = Not Detected PQL= Practical Quantitation Limit



Customer:

Metcalf & Eddy Associates

Workorder No. 0602-00231

Sample: 001 BCS-1 18-20
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	
Naphthalene	EPA 8270C	22000	ug/Kg	3400	TLL	03/06/2006 / 19:07	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	
2-Methyl Naphthalene	EPA 8270C	36000	ug/Kg	3400	TLL	03/06/2006 / 19:07	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	
Acenaphthylene	EPA 8270C	8400	ug/Kg	3400	TLL	03/06/2006 / 19:07	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	
Acenaphthene	EPA 8270C	29000	ug/Kg	3400	TLL	03/06/2006 / 19:07	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	
Dibenzofuran	EPA 8270C	4400	ug/Kg	3400	TLL	03/06/2006 / 19:07	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	
Fluorene	EPA 8270C	37000	ug/Kg	3400	TLL	03/06/2006 / 19:07	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	
Phenanthrene	EPA 8270C	50000	ug/Kg	3400	TLL	03/06/2006 / 19:07	
Anthracene	EPA 8270C	31000	ug/Kg	3400	TLL	03/06/2006 / 19:07	
Carbazole	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected

PQL= Practical Quantitation Limit

Page:

4 of

35



Customer:

Metcalf & Eddy Associates

Workorder No.

0602-00231

Sample:
(Continued)

001 BCS-1 18-20

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Fluoranthene	EPA 8270C	33000	ug/Kg	3400	TLL	03/06/2006 / 19:07	
Benzidine	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	
Pyrene	EPA 8270C	37000	ug/Kg	3400	TLL	03/06/2006 / 19:07	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	
Benzo(a)anthracene	EPA 8270C	29000	ug/Kg	3400	TLL	03/06/2006 / 19:07	
Chrysene	EPA 8270C	29000	ug/Kg	3400	TLL	03/06/2006 / 19:07	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	3400	TLL	03/06/2006 / 19:07	J
Indeno (1,2,3-cd)Pyrene	EPA 8270C	2800	ug/Kg	3400	TLL	03/06/2006 / 19:07	
Benzo(b)fluoranthene	EPA 8270C	9000	ug/Kg	3400	TLL	03/06/2006 / 19:07	
Benzo(k)fluoranthene	EPA 8270C	14000	ug/Kg	3400	TLL	03/06/2006 / 19:07	
Benzo(a)pyrene	EPA 8270C	22000	ug/Kg	3400	TLL	03/06/2006 / 19:07	
Dibenzo(a,h)Anthracene	EPA 8270C	1500	ug/Kg	3400	TLL	03/06/2006 / 19:07	J
Benzo (g,h,i) perylene	EPA 8270C	4600	ug/Kg	3400	TLL	03/06/2006 / 19:07	
2-FLUOROPHENOL (SURR)			%		TLL	03/06/2006 / 19:07	G
PHENOL-D5 (SURR)			%		TLL	03/06/2006 / 19:07	G
NITROBENZENE-D5 (SURR)			%		TLL	03/06/2006 / 19:07	G
2-FLUOROBIPHENYL (SURR)			%		TLL	03/06/2006 / 19:07	G
2,4,6-TRIBROMOPHENOL (SURR)			%		TLL	03/06/2006 / 19:07	G
TERPHENYL-D14 (SURR)			%		TLL	03/06/2006 / 19:07	G
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	67	NAC	03/04/2006 / 3:30	
PCB-1221	EPA 8082	ND	ug/Kg	67	NAC	03/04/2006 / 3:30	
PCB-1232	EPA 8082	ND	ug/Kg	67	NAC	03/04/2006 / 3:30	
PCB-1242	EPA 8082	ND	ug/Kg	67	NAC	03/04/2006 / 3:30	
PCB-1248	EPA 8082	ND	ug/Kg	67	NAC	03/04/2006 / 3:30	
PCB-1254	EPA 8082	ND	ug/Kg	67	NAC	03/04/2006 / 3:30	
PCB-1260	EPA 8082	ND	ug/Kg	67	NAC	03/04/2006 / 3:30	
PCB-1262	EPA 8082	ND	ug/Kg	67	NAC	03/04/2006 / 3:30	
PCB-1268	EPA 8082	ND	ug/Kg	67	NAC	03/04/2006 / 3:30	
TCMX (SURROGATE)		68.7	%		NAC	03/04/2006 / 3:30	
DCB (SURROGATE)		122	%		NAC	03/04/2006 / 3:30	
Target Analyte List Metals							

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

Page:

5 of

35

ND = Not Detected PQL= Practical Quantitation Limit



Customer:

Metcalf & Eddy Associates

Workorder No. 0602-00231

Sample:
(Continued)

001 BCS-1 18-20

<u>Parameter</u>	<u>Method</u>	<u>Results</u>	<u>Units</u>	<u>PQL</u>	<u>Tech</u>	<u>Analysis Date/Time</u>	<u>Qual</u>
Antimony	6010B, SW-846	ND	mg/Kg	3.94	NAP	03/01/2006 / 1:00	
Aluminum	6010B, SW-846	13800	mg/Kg	39.4	NAP	03/01/2006 / 1:00	
Arsenic	6010B, SW-846	101	mg/Kg	1.97	NAP	03/01/2006 / 1:00	
Barium	6010B, SW-846	428	mg/Kg	5.9	NAP	03/01/2006 / 1:00	
Beryllium	6010B, SW-846	ND	mg/Kg	0.591	NAP	03/01/2006 / 1:00	
Cadmium	6010B, SW-846	3.94	mg/Kg	0.591	NAP	03/01/2006 / 1:00	
Chromium	6010B, SW-846	139	mg/Kg	1.97	NAP	03/01/2006 / 1:00	
Calcium	6010B, SW-846	5290	mg/Kg	295	NAP	03/01/2006 / 1:00	
Iron	6010B, SW-846	31000	mg/Kg	19.7	NAP	03/01/2006 / 1:00	
Cobalt	6010B, SW-846	10.1	mg/Kg	9.85	NAP	03/01/2006 / 1:00	
Copper	6010B, SW-846	496	mg/Kg	9.85	NAP	03/01/2006 / 1:00	
Lead	6010B, SW-846	1250	mg/Kg	5.91	NAP	03/01/2006 / 1:00	
Magnesium	6010B, SW-846	6220	mg/Kg	236	NAP	03/01/2006 / 1:00	
Manganese	6010B, SW-846	334	mg/Kg	2.95	NAP	03/01/2006 / 1:00	
Mercury	SW-846; 7471	11.3	mg/Kg	0.386	NAP	03/07/2006 / 13:42	
Nickel	6010B, SW-846	39.8	mg/Kg	7.88	NAP	03/01/2006 / 1:00	
Vanadium	6010B, SW-846	42.9	mg/Kg	9.85	NAP	03/01/2006 / 1:00	
Selenium	6010B, SW-846	7.93	mg/Kg	3.94	NAP	03/01/2006 / 1:00	
Potassium	6010B, SW-846	3120	mg/Kg	295	NAP	03/01/2006 / 1:00	
Silver	6010B, SW-846	7.15	mg/Kg	0.98	NAP	03/01/2006 / 1:00	
Sodium	6010B, SW-846	2900	mg/Kg	295	NAP	03/01/2006 / 1:00	
Thallium	6010B, SW-846	ND	mg/Kg	3.94	NAP	03/01/2006 / 1:00	
Zinc	6010B, SW-846	634	mg/Kg	9.85	NAP	03/01/2006 / 1:00	
Total Cyanide	4500-CN-C,E SM 18TH, 1992	7.26	mg/Kg	0.94	PJS	03/07/2006 / 16:31	
Percent Solids		49.3	%		TLL	03/01/2006 / 7:40	
PCB OIL/SOIL EXTRACTIONS		30.11			TLL	03/03/2006 / 15:00	
Flame/ICP Solid Digestion	EPA 3050B	97.0874			AM	02/28/2006 / 16:57	

Sample: 002 BCS-1 30-32
Collection Date: 02/22/2006 Time: 1:05:00PM
Matrix: SOIL

Received Date: 02/28/2006 Time: 12:00:00AM

<u>Parameter</u>	<u>Method</u>	<u>Results</u>	<u>Units</u>	<u>PQL</u>	<u>Tech</u>	<u>Analysis Date/Time</u>	<u>Qual</u>
------------------	---------------	----------------	--------------	------------	-------------	---------------------------	-------------



Customer:

Metcalf & Eddy Associates

Workorder No.

0602-00231

Sample:
(Continued)

002 BCS-1 30-32

<u>Parameter</u>	<u>Method</u>	<u>Results</u>	<u>Units</u>	<u>PQL</u>	<u>Tech</u>	<u>Analysis Date/Time</u>	<u>Qual</u>
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
Chloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
Bromomethane	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
Chloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
Acrolein	EPA 8260B	ND	ug/Kg	48	MVP	03/06/2006 / 21:55	
Acetone	EPA 8260B	ND	ug/Kg	48	MVP	03/06/2006 / 21:55	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
Iodomethane	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	48	MVP	03/06/2006 / 21:55	
Methylene Chloride	EPA 8260B	ND	ug/Kg	38	MVP	03/06/2006 / 21:55	
Acrylonitrile	EPA 8260B	ND	ug/Kg	48	MVP	03/06/2006 / 21:55	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	48	MVP	03/06/2006 / 21:55	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	48	MVP	03/06/2006 / 21:55	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
Chloroform	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
Bromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
Benzene	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
Trichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	48	MVP	03/06/2006 / 21:55	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	48	MVP	03/06/2006 / 21:55	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
Toluene	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

Page:

7 of

35

ND = Not Detected

PQL= Practical Quantitation Limit



Customer:

Metcalf & Eddy Associates

Workorder No. 0602-00231

Sample: 002 BCS-1 30-32
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
Dibromomethane	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
2-Hexanone	EPA 8260B	ND	ug/Kg	48	MVP	03/06/2006 / 21:55	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
Chlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
Ethylbenzene	EPA 8260B	ND	ug/Kg	19	MVP	03/06/2006 / 21:55	
M & P XYLENE	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
O-XYLENE	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
Styrene	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
Bromoform	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
Bromobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

Page:

8 of

35

ND = Not Detected

PQL= Practical Quantitation Limit



Customer:

Metcalf & Eddy Associates

Workorder No.

0602-00231

Sample:
(Continued)

002 BCS-1 30-32

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
Naphthalene	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/06/2006 / 21:55	
DIBROMOFLUOROMETHANE (SURR)		95.6	%		MVP	03/06/2006 / 21:55	
TOLUENE-D8 (SURROGATE)		102	%		MVP	03/06/2006 / 21:55	
4-BROMOFLUOROBENZENE (SURR)		98.6	%		MVP	03/06/2006 / 21:55	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
Phenol	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
Hexachloroethane	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	380	TLL	03/06/2006 / 10:10	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
Nitrobenzene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
Isophorone	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
Naphthalene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

Page:

9 of

35

ND = Not Detected

PQL= Practical Quantitation Limit



Customer:

Metcalf & Eddy Associates

Workorder No. 0602-00231

Sample:
(Continued)

002 BCS-1 30-32

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
Acenaphthylene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
Acenaphthene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
Dibenzofuran	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
Fluorene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
Phenanthrene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
Anthracene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
Carbazole	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
Fluoranthene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
Benidine	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
Pyrene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
3,3'-Dichlorbenzidine	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
Chrysene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
bis(2-Ethylhexyl)phthalate	EPA 8270C	110	ug/Kg	190	TLL	03/06/2006 / 10:10	JB
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

Page: 10 of 35

ND = Not Detected

PQL= Practical Quantitation Limit



Customer:

Metcalf & Eddy Associates

Workorder No. 0602-00231

Sample: 002 BCS-1 30-32
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:10	
2-FLUOROPHENOL (SURR)		58.2	%		TLL	03/06/2006 / 10:10	
PHENOL-D5 (SURR)		59.2	%		TLL	03/06/2006 / 10:10	
NITROBENZENE-D5 (SURR)		64.3	%		TLL	03/06/2006 / 10:10	
2-FLUOROBIPHENYL (SURR)		68.1	%		TLL	03/06/2006 / 10:10	
2,4,6-TRIBROMOPHENOL (SURR)		69.0	%		TLL	03/06/2006 / 10:10	
TERPHENYL-D14 (SURR)		79.2	%		TLL	03/06/2006 / 10:10	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	37	NAC	03/04/2006 / 3:58	
PCB-1221	EPA 8082	ND	ug/Kg	37	NAC	03/04/2006 / 3:58	
PCB-1232	EPA 8082	ND	ug/Kg	37	NAC	03/04/2006 / 3:58	
PCB-1242	EPA 8082	ND	ug/Kg	37	NAC	03/04/2006 / 3:58	
PCB-1248	EPA 8082	ND	ug/Kg	37	NAC	03/04/2006 / 3:58	
PCB-1254	EPA 8082	ND	ug/Kg	37	NAC	03/04/2006 / 3:58	
PCB-1260	EPA 8082	ND	ug/Kg	37	NAC	03/04/2006 / 3:58	
PCB-1262	EPA 8082	ND	ug/Kg	37	NAC	03/04/2006 / 3:58	
PCB-1268	EPA 8082	ND	ug/Kg	37	NAC	03/04/2006 / 3:58	
TCMX (SURROGATE)		92.6	%		NAC	03/04/2006 / 3:58	
DCB (SURROGATE)		105	%		NAC	03/04/2006 / 3:58	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	1.88	NAP	03/01/2006 / 1:00	
Aluminum	6010B, SW-846	6190	mg/Kg	18.8	NAP	03/01/2006 / 1:00	
Arsenic	6010B, SW-846	2.06	mg/Kg	0.941	NAP	03/01/2006 / 1:00	
Barium	6010B, SW-846	38.3	mg/Kg	2.8	NAP	03/01/2006 / 1:00	
Beryllium	6010B, SW-846	ND	mg/Kg	0.282	NAP	03/01/2006 / 1:00	
Cadmium	6010B, SW-846	ND	mg/Kg	0.282	NAP	03/01/2006 / 1:00	
Chromium	6010B, SW-846	12.9	mg/Kg	0.941	NAP	03/01/2006 / 1:00	
Calcium	6010B, SW-846	9110	mg/Kg	141	NAP	03/01/2006 / 1:00	
Iron	6010B, SW-846	13200	mg/Kg	9.41	NAP	03/01/2006 / 1:00	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 11 of 35



Customer:

Metcalf & Eddy Associates

Workorder No. 0602-00231

Sample: 002 BCS-1 30-32
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Cobalt	6010B, SW-846	4.91	mg/Kg	4.71	NAP	03/01/2006 / 1:00	
Copper	6010B, SW-846	10.6	mg/Kg	4.71	NAP	03/01/2006 / 1:00	
Lead	6010B, SW-846	5.00	mg/Kg	2.82	NAP	03/01/2006 / 1:00	
Magnesium	6010B, SW-846	4930	mg/Kg	113	NAP	03/01/2006 / 1:00	
Manganese	6010B, SW-846	283	mg/Kg	1.41	NAP	03/01/2006 / 1:00	
Mercury	SW-846; 7471	ND	mg/Kg	0.0203	NAP	03/07/2006 / 13:42	
Nickel	6010B, SW-846	11.6	mg/Kg	3.77	NAP	03/01/2006 / 1:00	
Vanadium	6010B, SW-846	18.1	mg/Kg	4.71	NAP	03/01/2006 / 1:00	
Selenium	6010B, SW-846	2.23	mg/Kg	1.88	NAP	03/01/2006 / 1:00	
Potassium	6010B, SW-846	1810	mg/Kg	141	NAP	03/01/2006 / 1:00	
Silver	6010B, SW-846	ND	mg/Kg	0.47	NAP	03/01/2006 / 1:00	
Sodium	6010B, SW-846	809	mg/Kg	141	NAP	03/01/2006 / 1:00	
Thallium	6010B, SW-846	ND	mg/Kg	1.88	NAP	03/01/2006 / 1:00	
Zinc	6010B, SW-846	25.1	mg/Kg	4.71	NAP	03/01/2006 / 1:00	
Total Cyanide	4500-CN-C,E SM 18TH, 1992	ND	mg/Kg	0.44	PJS	03/07/2006 / 16:31	
Percent Solids		87.8	%		TLL	03/01/2006 / 7:40	
PCB OIL/SOIL EXTRACTIONS		30.68			TLL	03/03/2006 / 15:00	
Flame/ICP Solid Digestion	EPA 3050B	82.6446			AM	02/28/2006 / 16:57	

Sample: 003 BCS-2 12-14
Collection Date: 02/23/2006 Time: 11:20:00AM
Matrix: SOIL

Received Date: 02/28/2006 Time: 12:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
Chloromethane	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
Bromomethane	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
Chloroethane	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
Acrolein	EPA 8260B	ND	ug/Kg	92	MVP	03/06/2006 / 22:26	
Acetone	EPA 8260B	1600	ug/Kg	92	MVP	03/06/2006 / 22:26	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 12 of 35



Customer:

Metcalf & Eddy Associates

Workorder No.

0602-00231

Sample: 003 BCS-2 12-14
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
Iodomethane	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	92	MVP	03/06/2006 / 22:26	
Methylene Chloride	EPA 8260B	ND	ug/Kg	74	MVP	03/06/2006 / 22:26	
Acrylonitrile	EPA 8260B	ND	ug/Kg	92	MVP	03/06/2006 / 22:26	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
2-Butanone-(MEK)	EPA 8260B	400	ug/Kg	92	MVP	03/06/2006 / 22:26	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	92	MVP	03/06/2006 / 22:26	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
Chloroform	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
Bromochloromethane	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
Benzene	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
Trichloroethylene	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	92	MVP	03/06/2006 / 22:26	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	92	MVP	03/06/2006 / 22:26	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
Toluene	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
Dibromomethane	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
2-Hexanone	EPA 8260B	ND	ug/Kg	92	MVP	03/06/2006 / 22:26	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 13 of 35



Customer:

Metcalf & Eddy Associates

Workorder No.

0602-00231

Sample: 003 BCS-2 12-14
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Chlorobenzene	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
Ethylbenzene	EPA 8260B	6	ug/Kg	18	MVP	03/06/2006 / 22:26	J
M & P XYLENE	EPA 8260B	14	ug/Kg	37	MVP	03/06/2006 / 22:26	J
O-XYLENE	EPA 8260B	38	ug/Kg	18	MVP	03/06/2006 / 22:26	
Styrene	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
Bromoform	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
Isopropylbenzene	EPA 8260B	45	ug/Kg	18	MVP	03/06/2006 / 22:26	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
n-Propylbenzene	EPA 8260B	20	ug/Kg	18	MVP	03/06/2006 / 22:26	
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
Bromobenzene	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
1,3,5-Trimethylbenzene	EPA 8260B	63	ug/Kg	18	MVP	03/06/2006 / 22:26	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
1,2,4-Trimethylbenzene	EPA 8260B	140	ug/Kg	18	MVP	03/06/2006 / 22:26	
sec-Butylbenzene	EPA 8260B	73	ug/Kg	18	MVP	03/06/2006 / 22:26	
4-Isopropyltoluene	EPA 8260B	70	ug/Kg	18	MVP	03/06/2006 / 22:26	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
n-Butylbenzene	EPA 8260B	34	ug/Kg	18	MVP	03/06/2006 / 22:26	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
Naphthalene	EPA 8260B	160	ug/Kg	18	MVP	03/06/2006 / 22:26	B
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	18	MVP	03/06/2006 / 22:26	
DIBROMOFLUOROMETHANE (SURR)		119	%		MVP	03/06/2006 / 22:26	
TOLUENE-D8 (SURROGATE)		83.1	%		MVP	03/06/2006 / 22:26	G5
4-BROMOFLUOROBENZENE (SURR)		102	%		MVP	03/06/2006 / 22:26	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

Page: 14 of 35

ND = Not Detected PQL= Practical Quantitation Limit



Customer:

Metcalf & Eddy Associates

Workorder No.

0602-00231

Sample:
(Continued)

003 BCS-2 12-14

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
Phenol	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
Hexachloroethane	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	3800	TLL	03/06/2006 / 19:44	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
Nitrobenzene	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
Isophorone	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
Naphthalene	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
2-Methyl Naphthalene	EPA 8270C	2100	ug/Kg	1900	TLL	03/06/2006 / 19:44	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
Acenaphthylene	EPA 8270C	650	ug/Kg	1900	TLL	03/06/2006 / 19:44	J
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
Acenaphthene	EPA 8270C	1400	ug/Kg	1900	TLL	03/06/2006 / 19:44	J
3-Nitroaniline	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

Page: 15 of

35

ND = Not Detected PQL= Practical Quantitation Limit



Customer:

Metcalf & Eddy Associates

Workorder No.

0602-00231

Sample:
(Continued)

003 BCS-2 12-14

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
Dibenzofuran	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
Fluorene	EPA 8270C	1900	ug/Kg	1900	TLL	03/06/2006 / 19:44	J
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
Pentachlorophenol	EPA 8270C	7600	ug/Kg	1900	TLL	03/06/2006 / 19:44	
Phenanthrene	EPA 8270C	2700	ug/Kg	1900	TLL	03/06/2006 / 19:44	
Anthracene	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
Carbazole	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
Di-n-butylphthalate	EPA 8270C	6700	ug/Kg	1900	TLL	03/06/2006 / 19:44	
Fluoranthene	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
Benzidine	EPA 8270C	6200	ug/Kg	1900	TLL	03/06/2006 / 19:44	
Pyrene	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
3,3'-Dichlorobenzidine	EPA 8270C	2500	ug/Kg	1900	TLL	03/06/2006 / 19:44	
Benzo(a)anthracene	EPA 8270C	2700	ug/Kg	1900	TLL	03/06/2006 / 19:44	
Chrysene	EPA 8270C	1300	ug/Kg	1900	TLL	03/06/2006 / 19:44	JB
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
Di-n-octyl phthalate	EPA 8270C	430	ug/Kg	1900	TLL	03/06/2006 / 19:44	J
Indeno (1,2,3-cd)Pyrene	EPA 8270C	1100	ug/Kg	1900	TLL	03/06/2006 / 19:44	J
Benzo(b)fluoranthene	EPA 8270C	1300	ug/Kg	1900	TLL	03/06/2006 / 19:44	J
Benzo(k)fluoranthene	EPA 8270C	1700	ug/Kg	1900	TLL	03/06/2006 / 19:44	J
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	1900	TLL	03/06/2006 / 19:44	
Dibenzo(a,h)Anthracene	EPA 8270C	570	ug/Kg	1900	TLL	03/06/2006 / 19:44	J
Benzo (g,h,i) perylene	EPA 8270C	56.3	%		TLL	03/06/2006 / 19:44	
2-FLUOROPHENOL (SURR)		60.8	%		TLL	03/06/2006 / 19:44	
PHENOL-D5 (SURR)		52.6	%		TLL	03/06/2006 / 19:44	
NITROBENZENE-D5 (SURR)							

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

Page: 16 of 35

ND = Not Detected PQL= Practical Quantitation Limit



Customer:

Metcalf & Eddy Associates

Workorder No.

0602-00231

Sample: 003 BCS-2 12-14
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2-FLUOROBIPHENYL (SURR)		53.6	%		TLL	03/06/2006 / 19:44	
2,4,6-TRIBROMOPHENOL (SURR)		88.6	%		TLL	03/06/2006 / 19:44	
TERPHENYL-D14 (SURR)		59.4	%		TLL	03/06/2006 / 19:44	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	77	NAC	03/04/2006 / 4:27	
PCB-1221	EPA 8082	ND	ug/Kg	77	NAC	03/04/2006 / 4:27	
PCB-1232	EPA 8082	ND	ug/Kg	77	NAC	03/04/2006 / 4:27	
PCB-1242	EPA 8082	ND	ug/Kg	77	NAC	03/04/2006 / 4:27	
PCB-1248	EPA 8082	ND	ug/Kg	77	NAC	03/04/2006 / 4:27	
PCB-1254	EPA 8082	ND	ug/Kg	77	NAC	03/04/2006 / 4:27	
PCB-1260	EPA 8082	ND	ug/Kg	77	NAC	03/04/2006 / 4:27	
PCB-1262	EPA 8082	ND	ug/Kg	77	NAC	03/04/2006 / 4:27	
PCB-1268	EPA 8082	ND	ug/Kg	77	NAC	03/04/2006 / 4:27	
TCMX (SURROGATE)		51.2	%		NAC	03/04/2006 / 4:27	
DCB (SURROGATE)		59.0	%		NAC	03/04/2006 / 4:27	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	4.58	NAP	03/01/2006 / 1:00	
Aluminum	6010B, SW-846	16700	mg/Kg	45.8	NAP	03/01/2006 / 1:00	
Arsenic	6010B, SW-846	58.4	mg/Kg	2.29	NAP	03/01/2006 / 1:00	
Barium	6010B, SW-846	425	mg/Kg	6.9	NAP	03/01/2006 / 1:00	
Beryllium	6010B, SW-846	0.712	mg/Kg	0.687	NAP	03/01/2006 / 1:00	
Cadmium	6010B, SW-846	14.7	mg/Kg	0.687	NAP	03/01/2006 / 1:00	
Chromium	6010B, SW-846	391	mg/Kg	2.29	NAP	03/01/2006 / 1:00	
Calcium	6010B, SW-846	5730	mg/Kg	344	NAP	03/01/2006 / 1:00	
Iron	6010B, SW-846	36500	mg/Kg	22.9	NAP	03/01/2006 / 1:00	
Cobalt	6010B, SW-846	12.4	mg/Kg	11.5	NAP	03/01/2006 / 1:00	
Copper	6010B, SW-846	567	mg/Kg	11.5	NAP	03/01/2006 / 1:00	
Lead	6010B, SW-846	938	mg/Kg	6.87	NAP	03/01/2006 / 1:00	
Magnesium	6010B, SW-846	6810	mg/Kg	275	NAP	03/01/2006 / 1:00	
Manganese	6010B, SW-846	358	mg/Kg	3.44	NAP	03/01/2006 / 1:00	
Mercury	SW-846; 7471	6.11	mg/Kg	0.207	NAP	03/07/2006 / 13:42	
Nickel	6010B, SW-846	57.8	mg/Kg	9.16	NAP	03/01/2006 / 1:00	
Vanadium	6010B, SW-846	59.0	mg/Kg	11.5	NAP	03/01/2006 / 1:00	
Selenium	6010B, SW-846	8.69	mg/Kg	4.58	NAP	03/01/2006 / 1:00	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 17 of 35



Customer:

Metcalf & Eddy Associates

Workorder No. 0602-00231

Sample: 003 BCS-2 12-14
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Potassium	6010B, SW-846	3830	mg/Kg	344	NAP	03/01/2006 / 1:00	
Silver	6010B, SW-846	12.8	mg/Kg	1.1	NAP	03/01/2006 / 1:00	
Sodium	6010B, SW-846	4380	mg/Kg	344	NAP	03/01/2006 / 1:00	
Thallium	6010B, SW-846	ND	mg/Kg	4.58	NAP	03/01/2006 / 1:00	
Zinc	6010B, SW-846	858	mg/Kg	11.5	NAP	03/01/2006 / 1:00	
Total Cyanide	4500-CN-C,E SM 18TH, 1992	5.53	mg/Kg	0.99	PJS	03/07/2006 / 16:31	
Percent Solids		42.8	%		TLL	03/01/2006 / 7:40	
PCB OIL/SOIL EXTRACTIONS		30.47			TLL	03/03/2006 / 15:00	
Flame/ICP Solid Digestion	EPA 3050B	98.0392			AM	02/28/2006 / 16:57	

Sample: 004 BCS-2 46-48
Collection Date: 02/24/2006 Time: 11:40:00AM
Matrix: SOIL

Received Date: 02/28/2006 Time: 12:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
Chloromethane	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
Bromomethane	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
Chloroethane	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
Acrolein	EPA 8260B	ND	ug/Kg	47	MVP	03/06/2006 / 22:57	
Acetone	EPA 8260B	ND	ug/Kg	47	MVP	03/06/2006 / 22:57	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
Iodomethane	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	47	MVP	03/06/2006 / 22:57	
Methylene Chloride	EPA 8260B	ND	ug/Kg	38	MVP	03/06/2006 / 22:57	
Acrylonitrile	EPA 8260B	ND	ug/Kg	47	MVP	03/06/2006 / 22:57	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	47	MVP	03/06/2006 / 22:57	

Certifications:

MA: MA069 NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 18 of 35



Customer:

Metcalf & Eddy Associates

Workorder No.

0602-00231

Sample:
(Continued)

004 BCS-2 46-48

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Vinyl Acetate	EPA 8260B	ND	ug/Kg	47	MVP	03/06/2006 / 22:57	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
Chloroform	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
Bromochloromethane	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
Benzene	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
Trichloroethylene	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	47	MVP	03/06/2006 / 22:57	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	47	MVP	03/06/2006 / 22:57	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
Toluene	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
Dibromomethane	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	47	MVP	03/06/2006 / 22:57	
2-Hexanone	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
Chlorobenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
Ethylbenzene	EPA 8260B	ND	ug/Kg	19	MVP	03/06/2006 / 22:57	
M & P XYLENE	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
O-XYLENE	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
Styrene	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
Bromoform	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg				

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

Page: 19 of 35

ND = Not Detected PQL= Practical Quantitation Limit



Customer:

Metcalf & Eddy Associates

Workorder No.

0602-00231

Sample:
(Continued)

004 BCS-2 46-48

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
Bromobenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
Naphthalene	EPA 8260B	ND	ug/Kg	9	MVP	03/06/2006 / 22:57	
1,2,3-Trichlorobenzene	EPA 8260B	97.3	%		MVP	03/06/2006 / 22:57	
DIBROMOFLUOROMETHANE (SURR)		98.0	%		MVP	03/06/2006 / 22:57	
TOLUENE-D8 (SURROGATE)		98.5	%		MVP	03/06/2006 / 22:57	
4-BROMOFLUOROBENZENE (SURR)							
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
Phenol	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
Hexachloroethane	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

Page: 20 of 35

ND = Not Detected

PQL= Practical Quantitation Limit



Customer:

Metcalf & Eddy Associates

Workorder No. 0602-00231

Sample:
(Continued)

004 BCS-2 46-48

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	370	TLL	03/06/2006 / 10:48	
Nitrobenzene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
Isophorone	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
Naphthalene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
Acenaphthylene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
Acenaphthene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
Dibenzofuran	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
Fluorene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

Page: 21 of 35

ND = Not Detected

PQL= Practical Quantitation Limit



Customer:

Metcalf & Eddy Associates

Workorder No.

0602-00231

Sample:
(Continued)

004 BCS-2 46-48

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
Phenanthrene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
Anthracene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
Carbazole	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
Fluoranthene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
Benzidine	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
Pyrene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
Chrysene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	190	TLL	03/06/2006 / 10:48	
Benzo (g,h,i) perylene	EPA 8270C	62.2	%		TLL	03/06/2006 / 10:48	
2-FLUOROPHENOL (SURR)		63.3	%		TLL	03/06/2006 / 10:48	
PHENOL-D5 (SURR)		68.2	%		TLL	03/06/2006 / 10:48	
NITROBENZENE-D5 (SURR)		69.4	%		TLL	03/06/2006 / 10:48	
2-FLUOROBIPHENYL (SURR)		68.0	%		TLL	03/06/2006 / 10:48	
2,4,6-TRIBROMOPHENOL (SURR)		72.4	%		TLL	03/06/2006 / 10:48	
TERPHENYL-D14 (SURR)							
PCB 8082-SOIL/SOLID		ND	ug/Kg	38	NAC	03/04/2006 / 4:55	
PCB-1016	EPA 8082	ND	ug/Kg	38	NAC	03/04/2006 / 4:55	
PCB-1221	EPA 8082	ND	ug/Kg	38	NAC	03/04/2006 / 4:55	
PCB-1232	EPA 8082	ND	ug/Kg	38	NAC	03/04/2006 / 4:55	
PCB-1242	EPA 8082	ND	ug/Kg	38	NAC	03/04/2006 / 4:55	
PCB-1248	EPA 8082	ND	ug/Kg	38	NAC	03/04/2006 / 4:55	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

Page: 22 of 35

ND = Not Detected PQL= Practical Quantitation Limit



Customer: Metcalf & Eddy Associates

Workorder No. 0602-00231

Sample: 004 BCS-2 46-48
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-1254	EPA 8082	ND	ug/Kg	38	NAC	03/04/2006 / 4:55	
PCB-1260	EPA 8082	ND	ug/Kg	38	NAC	03/04/2006 / 4:55	
PCB-1262	EPA 8082	ND	ug/Kg	38	NAC	03/04/2006 / 4:55	
PCB-1268	EPA 8082	ND	ug/Kg	38	NAC	03/04/2006 / 4:55	
TCMX (SURROGATE)		94.3	%		NAC	03/04/2006 / 4:55	
DCB (SURROGATE)		95.1	%		NAC	03/04/2006 / 4:55	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	1.78	NAP	03/01/2006 / 1:00	
Aluminum	6010B, SW-846	4260	mg/Kg	17.8	NAP	03/01/2006 / 1:00	
Arsenic	6010B, SW-846	4.86	mg/Kg	0.891	NAP	03/01/2006 / 1:00	
Barium	6010B, SW-846	27.6	mg/Kg	2.7	NAP	03/01/2006 / 1:00	
Beryllium	6010B, SW-846	ND	mg/Kg	0.267	NAP	03/01/2006 / 1:00	
Cadmium	6010B, SW-846	ND	mg/Kg	0.267	NAP	03/01/2006 / 1:00	
Chromium	6010B, SW-846	13.1	mg/Kg	0.891	NAP	03/01/2006 / 1:00	
Calcium	6010B, SW-846	934	mg/Kg	134	NAP	03/01/2006 / 1:00	
Iron	6010B, SW-846	16500	mg/Kg	8.91	NAP	03/01/2006 / 1:00	
Cobalt	6010B, SW-846	9.00	mg/Kg	4.45	NAP	03/01/2006 / 1:00	
Copper	6010B, SW-846	13.2	mg/Kg	4.45	NAP	03/01/2006 / 1:00	
Lead	6010B, SW-846	6.33	mg/Kg	2.67	NAP	03/01/2006 / 1:00	
Magnesium	6010B, SW-846	1540	mg/Kg	107	NAP	03/01/2006 / 1:00	
Manganese	6010B, SW-846	330	mg/Kg	1.34	NAP	03/01/2006 / 1:00	
Mercury	SW-846; 7471	ND	mg/Kg	0.0217	NAP	03/07/2006 / 13:42	
Nickel	6010B, SW-846	10.6	mg/Kg	3.56	NAP	03/01/2006 / 1:00	
Vanadium	6010B, SW-846	19.5	mg/Kg	4.45	NAP	03/01/2006 / 1:00	
Selenium	6010B, SW-846	2.60	mg/Kg	1.78	NAP	03/01/2006 / 1:00	
Potassium	6010B, SW-846	867	mg/Kg	134	NAP	03/01/2006 / 1:00	
Silver	6010B, SW-846	ND	mg/Kg	0.45	NAP	03/01/2006 / 1:00	
Sodium	6010B, SW-846	294	mg/Kg	134	NAP	03/01/2006 / 1:00	
Thallium	6010B, SW-846	ND	mg/Kg	1.78	NAP	03/01/2006 / 1:00	
Zinc	6010B, SW-846	24.7	mg/Kg	4.45	NAP	03/01/2006 / 1:00	
Total Cyanide	4500-CN-C,E SM 18TH, 1992	ND	mg/Kg	0.54	PJS	03/07/2006 / 16:31	
Percent Solids		87.7	%		TLL	03/01/2006 / 7:40	
PCB OIL/SOIL EXTRACTIONS		30.08			TLL	03/03/2006 / 15:00	
Flame/ICP Solid Digestion	EPA 3050B	78.1250			AM	02/28/2006 / 16:57	



Customer: Metcalf & Eddy Associates

Workorder No. 0602-00231

Sample: 005 BCS-3 12-14
Collection Date: 02/27/2006 Time: 10:20:00AM
Matrix: SOIL

Received Date: 02/28/2006 Time: 12:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
Chloromethane	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
Bromomethane	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
Chloroethane	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
Acrolein	EPA 8260B	ND	ug/Kg	91	MVP	03/07/2006 / 14:14	
Acetone	EPA 8260B	360	ug/Kg	91	MVP	03/07/2006 / 14:14	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
Iodomethane	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
Carbon Disulfide	EPA 8260B	72	ug/Kg	91	MVP	03/07/2006 / 14:14	J
Methylene Chloride	EPA 8260B	ND	ug/Kg	72	MVP	03/07/2006 / 14:14	
Acrylonitrile	EPA 8260B	ND	ug/Kg	91	MVP	03/07/2006 / 14:14	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	91	MVP	03/07/2006 / 14:14	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	91	MVP	03/07/2006 / 14:14	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
Chloroform	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
Bromochloromethane	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
Benzene	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
Trichloroethylene	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	91	MVP	03/07/2006 / 14:14	



Customer: Metcalf & Eddy Associates

Workorder No. 0602-00231

Sample: 005 BCS-3 12-14
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	91	MVP	03/07/2006 / 14:14	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
Toluene	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
Dibromomethane	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
2-Hexanone	EPA 8260B	ND	ug/Kg	91	MVP	03/07/2006 / 14:14	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
Chlorobenzene	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
Ethylbenzene	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
M & P XYLENE	EPA 8260B	7	ug/Kg	36	MVP	03/07/2006 / 14:14	J
O-XYLENE	EPA 8260B	9	ug/Kg	18	MVP	03/07/2006 / 14:14	J
Styrene	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
Bromoform	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
Isopropylbenzene	EPA 8260B	22	ug/Kg	18	MVP	03/07/2006 / 14:14	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
n-Propylbenzene	EPA 8260B	11	ug/Kg	18	MVP	03/07/2006 / 14:14	J
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
Bromobenzene	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
sec-Butylbenzene	EPA 8260B	26	ug/Kg	18	MVP	03/07/2006 / 14:14	
4-Isopropyltoluene	EPA 8260B	20	ug/Kg	18	MVP	03/07/2006 / 14:14	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	



Customer: Metcalf & Eddy Associates

Workorder No. 0602-00231

Sample: 005 BCS-3 12-14
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
n-Butylbenzene	EPA 8260B	19	ug/Kg	18	MVP	03/07/2006 / 14:14	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
Naphthalene	EPA 8260B	230	ug/Kg	18	MVP	03/07/2006 / 14:14	B
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	18	MVP	03/07/2006 / 14:14	
DIBROMOFLUOROMETHANE (SURR)		106	%		MVP	03/07/2006 / 14:14	
TOLUENE-D8 (SURROGATE)		85.3	%		MVP	03/07/2006 / 14:14	
4-BROMOFLUOROBENZENE (SURR)		109	%		MVP	03/07/2006 / 14:14	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
Phenol	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
Hexachloroethane	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	3300	TLL	03/06/2006 / 13:20	
Nitrobenzene	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
Isophorone	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
Naphthalene	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	



Customer: Metcalf & Eddy Associates

Workorder No. 0602-00231

Sample: 005 BCS-3 12-14
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2-Methyl Naphthalene	EPA 8270C	1600	ug/Kg	1600	TLL	03/06/2006 / 13:20	J
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
Acenaphthylene	EPA 8270C	510	ug/Kg	1600	TLL	03/06/2006 / 13:20	J
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
Acenaphthene	EPA 8270C	1100	ug/Kg	1600	TLL	03/06/2006 / 13:20	J
3-Nitroaniline	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
Dibenzofuran	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
Fluorene	EPA 8270C	1500	ug/Kg	1600	TLL	03/06/2006 / 13:20	J
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
Phenanthrene	EPA 8270C	6200	ug/Kg	1600	TLL	03/06/2006 / 13:20	
Anthracene	EPA 8270C	2100	ug/Kg	1600	TLL	03/06/2006 / 13:20	
Carbazole	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
Fluoranthene	EPA 8270C	4800	ug/Kg	1600	TLL	03/06/2006 / 13:20	
Benzidine	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
Pyrene	EPA 8270C	4700	ug/Kg	1600	TLL	03/06/2006 / 13:20	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
Benzo(a)anthracene	EPA 8270C	1900	ug/Kg	1600	TLL	03/06/2006 / 13:20	



Customer: Metcalf & Eddy Associates

Workorder No. 0602-00231

Sample: 005 BCS-3 12-14
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Chrysene	EPA 8270C	2000	ug/Kg	1600	TLL	03/06/2006 / 13:20	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	400	ug/Kg	1600	TLL	03/06/2006 / 13:20	J
Benzo(b)fluoranthene	EPA 8270C	880	ug/Kg	1600	TLL	03/06/2006 / 13:20	J
Benzo(k)fluoranthene	EPA 8270C	920	ug/Kg	1600	TLL	03/06/2006 / 13:20	J
Benzo(a)pyrene	EPA 8270C	1300	ug/Kg	1600	TLL	03/06/2006 / 13:20	J
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	1600	TLL	03/06/2006 / 13:20	
Benzo (g,h,i) perylene	EPA 8270C	570	ug/Kg	1600	TLL	03/06/2006 / 13:20	J
2-FLUOROPHENOL (SURR)		55.5	%		TLL	03/06/2006 / 13:20	
PHENOL-D5 (SURR)		57.2	%		TLL	03/06/2006 / 13:20	
NITROBENZENE-D5 (SURR)		51.4	%		TLL	03/06/2006 / 13:20	
2-FLUOROBIPHENYL (SURR)		54.0	%		TLL	03/06/2006 / 13:20	
2,4,6-TRIBROMOPHENOL (SURR)		91.8	%		TLL	03/06/2006 / 13:20	
TERPHENYL-D14 (SURR)		64.0	%		TLL	03/06/2006 / 13:20	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	64	NAC	03/04/2006 / 5:24	
PCB-1221	EPA 8082	ND	ug/Kg	64	NAC	03/04/2006 / 5:24	
PCB-1232	EPA 8082	ND	ug/Kg	64	NAC	03/04/2006 / 5:24	
PCB-1242	EPA 8082	ND	ug/Kg	64	NAC	03/04/2006 / 5:24	
PCB-1248	EPA 8082	ND	ug/Kg	64	NAC	03/04/2006 / 5:24	
PCB-1254	EPA 8082	ND	ug/Kg	64	NAC	03/04/2006 / 5:24	
PCB-1260	EPA 8082	ND	ug/Kg	64	NAC	03/04/2006 / 5:24	
PCB-1262	EPA 8082	ND	ug/Kg	64	NAC	03/04/2006 / 5:24	
PCB-1268	EPA 8082	ND	ug/Kg	64	NAC	03/04/2006 / 5:24	
TCMX (SURROGATE)		68.2	%		NAC	03/04/2006 / 5:24	
DCB (SURROGATE)		99.4	%		NAC	03/04/2006 / 5:24	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	3.05	NAP	03/01/2006 / 1:00	
Aluminum	6010B, SW-846	13100	mg/Kg	30.5	NAP	03/01/2006 / 1:00	
Arsenic	6010B, SW-846	49.3	mg/Kg	1.53	NAP	03/01/2006 / 1:00	
Barium	6010B, SW-846	343	mg/Kg	4.6	NAP	03/01/2006 / 1:00	
Beryllium	6010B, SW-846	0.556	mg/Kg	0.458	NAP	03/01/2006 / 1:00	
Cadmium	6010B, SW-846	9.87	mg/Kg	0.458	NAP	03/01/2006 / 1:00	



Customer: Metcalf & Eddy Associates

Workorder No. 0602-00231

Sample: 005 BCS-3 12-14
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Chromium	6010B, SW-846	322	mg/Kg	1.53	NAP	03/01/2006 / 1:00	
Calcium	6010B, SW-846	4700	mg/Kg	229	NAP	03/01/2006 / 1:00	
Iron	6010B, SW-846	29000	mg/Kg	15.3	NAP	03/01/2006 / 1:00	
Cobalt	6010B, SW-846	10.1	mg/Kg	7.63	NAP	03/01/2006 / 1:00	
Copper	6010B, SW-846	451	mg/Kg	7.63	NAP	03/01/2006 / 1:00	
Lead	6010B, SW-846	750	mg/Kg	4.58	NAP	03/01/2006 / 1:00	
Magnesium	6010B, SW-846	5590	mg/Kg	183	NAP	03/01/2006 / 1:00	
Manganese	6010B, SW-846	299	mg/Kg	2.29	NAP	03/01/2006 / 1:00	
Mercury	SW-846; 7471	5.14	mg/Kg	0.182	NAP	03/07/2006 / 13:42	
Nickel	6010B, SW-846	42.2	mg/Kg	6.11	NAP	03/01/2006 / 1:00	
Vanadium	6010B, SW-846	40.6	mg/Kg	7.63	NAP	03/01/2006 / 1:00	
Selenium	6010B, SW-846	6.91	mg/Kg	3.05	NAP	03/01/2006 / 1:00	
Potassium	6010B, SW-846	2730	mg/Kg	229	NAP	03/01/2006 / 1:00	
Silver	6010B, SW-846	8.97	mg/Kg	0.76	NAP	03/01/2006 / 1:00	
Sodium	6010B, SW-846	1540	mg/Kg	229	NAP	03/01/2006 / 1:00	
Thallium	6010B, SW-846	ND	mg/Kg	3.05	NAP	03/01/2006 / 1:00	
Zinc	6010B, SW-846	713	mg/Kg	7.63	NAP	03/01/2006 / 1:00	
Total Cyanide	4500-CN-C,E SM 18TH, 1992	2.17	mg/Kg	0.71	PJS	03/07/2006 / 16:31	
Percent Solids		50.4	%		TLL	03/01/2006 / 7:40	
PCB OIL/SOIL EXTRACTIONS		30.89			TLL	03/03/2006 / 15:00	
Flame/ICP Solid Digestion	EPA 3050B	76.9231			AM	02/28/2006 / 16:57	

Sample: 006 BCS-3 19-21
Collection Date: 02/27/2006 Time: 2:45:00PM
Matrix: SOIL

Received Date: 02/28/2006 Time: 12:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							1
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
Chloromethane	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
Bromomethane	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
Chloroethane	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	



Customer: Metcalf & Eddy Associates

Workorder No. 0602-00231

Sample: 006 BCS-3 19-21
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
Acrolein	EPA 8260B	ND	ug/Kg	140	MVP	03/07/2006 / 1:30	
Acetone	EPA 8260B	550	ug/Kg	140	MVP	03/07/2006 / 1:30	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
Iodomethane	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	140	MVP	03/07/2006 / 1:30	
Methylene Chloride	EPA 8260B	ND	ug/Kg	110	MVP	03/07/2006 / 1:30	
Acrylonitrile	EPA 8260B	ND	ug/Kg	140	MVP	03/07/2006 / 1:30	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	140	MVP	03/07/2006 / 1:30	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	140	MVP	03/07/2006 / 1:30	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
Chloroform	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
Bromochloromethane	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
Benzene	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
Trichloroethylene	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	140	MVP	03/07/2006 / 1:30	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	140	MVP	03/07/2006 / 1:30	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
Toluene	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
Dibromomethane	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
2-Hexanone	EPA 8260B	ND	ug/Kg	140	MVP	03/07/2006 / 1:30	



Customer: Metcalf & Eddy Associates

Workorder No. 0602-00231

Sample: 006 BCS-3 19-21
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
Chlorobenzene	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
Ethylbenzene	EPA 8260B	36	ug/Kg	28	MVP	03/07/2006 / 1:30	
M & P XYLENE	EPA 8260B	150	ug/Kg	55	MVP	03/07/2006 / 1:30	
O-XYLENE	EPA 8260B	120	ug/Kg	28	MVP	03/07/2006 / 1:30	
Styrene	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
Bromoform	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
Isopropylbenzene	EPA 8260B	35	ug/Kg	28	MVP	03/07/2006 / 1:30	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
n-Propylbenzene	EPA 8260B	30	ug/Kg	28	MVP	03/07/2006 / 1:30	
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
Bromobenzene	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
1,3,5-Trimethylbenzene	EPA 8260B	390	ug/Kg	28	MVP	03/07/2006 / 1:30	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
1,2,4-Trimethylbenzene	EPA 8260B	520	ug/Kg	28	MVP	03/07/2006 / 1:30	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
4-Isopropyltoluene	EPA 8260B	140	ug/Kg	28	MVP	03/07/2006 / 1:30	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
n-Butylbenzene	EPA 8260B	16	ug/Kg	28	MVP	03/07/2006 / 1:30	J
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
Naphthalene	EPA 8260B	590	ug/Kg	28	MVP	03/07/2006 / 1:30	B
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	28	MVP	03/07/2006 / 1:30	
DIBROMOFLUOROMETHANE (SURR)		107	%		MVP	03/07/2006 / 1:30	
TOLUENE-D8 (SURROGATE)		85.9	%		MVP	03/07/2006 / 1:30	



Customer: Metcalf & Eddy Associates

Workorder No. 0602-00231

Sample: 006 BCS-3 19-21
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
4-BROMOFLUOROBENZENE (SURR)		95.3	%		MVP	03/07/2006 / 1:30	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
Phenol	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
Hexachloroethane	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	11000	TLL	03/06/2006 / 18:29	
Nitrobenzene	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
Isophorone	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
Naphthalene	EPA 8270C	3800	ug/Kg	5600	TLL	03/06/2006 / 18:29	J
4-Chloroaniline	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
2-Methyl Naphthalene	EPA 8270C	3800	ug/Kg	5600	TLL	03/06/2006 / 18:29	J
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
Acenaphthylene	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	



Customer: Metcalf & Eddy Associates

Workorder No. 0602-00231

Sample: 006 BCS-3 19-21
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Acenaphthene	EPA 8270C	3600	ug/Kg	5600	TLL	03/06/2006 / 18:29	J
3-Nitroaniline	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
Dibenzofuran	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
Fluorene	EPA 8270C	7000	ug/Kg	5600	TLL	03/06/2006 / 18:29	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
Phenanthrene	EPA 8270C	27000	ug/Kg	5600	TLL	03/06/2006 / 18:29	
Anthracene	EPA 8270C	12000	ug/Kg	5600	TLL	03/06/2006 / 18:29	
Carbazole	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
Fluoranthene	EPA 8270C	30000	ug/Kg	5600	TLL	03/06/2006 / 18:29	
Benzidine	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
Pyrene	EPA 8270C	26000	ug/Kg	5600	TLL	03/06/2006 / 18:29	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
Benzo(a)anthracene	EPA 8270C	12000	ug/Kg	5600	TLL	03/06/2006 / 18:29	
Chrysene	EPA 8270C	12000	ug/Kg	5600	TLL	03/06/2006 / 18:29	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	5600	TLL	03/06/2006 / 18:29	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	2400	ug/Kg	5600	TLL	03/06/2006 / 18:29	J
Benzo(b)fluoranthene	EPA 8270C	6300	ug/Kg	5600	TLL	03/06/2006 / 18:29	
Benzo(k)fluoranthene	EPA 8270C	7100	ug/Kg	5600	TLL	03/06/2006 / 18:29	
Benzo(a)pyrene	EPA 8270C	7800	ug/Kg	5600	TLL	03/06/2006 / 18:29	
Dibenzo(a,h)Anthracene	EPA 8270C	1200	ug/Kg	0.0	TLL	03/06/2006 / 18:29	J
Benzo (g,h,i) perylene	EPA 8270C	3400	ug/Kg	0.0	TLL	03/06/2006 / 18:29	J



Customer: Metcalf & Eddy Associates

Workorder No. 0602-00231

Sample: 006 BCS-3 19-21
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2-FLUOROPHENOL (SURR)			%		TLL	03/06/2006 / 18:29	G
PHENOL-D5 (SURR)			%		TLL	03/06/2006 / 18:29	G
NITROBENZENE-D5 (SURR)			%		TLL	03/06/2006 / 18:29	G
2-FLUOROBIPHENYL (SURR)			%		TLL	03/06/2006 / 18:29	G
2,4,6-TRIBROMOPHENOL (SURR)			%		TLL	03/06/2006 / 18:29	G
TERPHENYL-D14 (SURR)			%		TLL	03/06/2006 / 18:29	G
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	55	NAC	03/04/2006 / 5:53	
PCB-1221	EPA 8082	ND	ug/Kg	55	NAC	03/04/2006 / 5:53	
PCB-1232	EPA 8082	ND	ug/Kg	55	NAC	03/04/2006 / 5:53	
PCB-1242	EPA 8082	ND	ug/Kg	55	NAC	03/04/2006 / 5:53	
PCB-1248	EPA 8082	ND	ug/Kg	55	NAC	03/04/2006 / 5:53	
PCB-1254	EPA 8082	ND	ug/Kg	55	NAC	03/04/2006 / 5:53	
PCB-1260	EPA 8082	ND	ug/Kg	55	NAC	03/04/2006 / 5:53	
PCB-1262	EPA 8082	ND	ug/Kg	55	NAC	03/04/2006 / 5:53	
PCB-1268	EPA 8082	ND	ug/Kg	55	NAC	03/04/2006 / 5:53	
TCMX (SURROGATE)		122	%		NAC	03/04/2006 / 5:53	
DCB (SURROGATE)		110	%		NAC	03/04/2006 / 5:53	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.54	NAP	03/01/2006 / 1:00	M2
Aluminum	6010B, SW-846	11700	mg/Kg	25.4	NAP	03/01/2006 / 1:00	MHA
Arsenic	6010B, SW-846	47.1	mg/Kg	1.27	NAP	03/01/2006 / 1:00	
Barium	6010B, SW-846	170	mg/Kg	3.8	NAP	03/01/2006 / 1:00	M1
Beryllium	6010B, SW-846	0.392	mg/Kg	0.381	NAP	03/01/2006 / 1:00	
Cadmium	6010B, SW-846	0.814	mg/Kg	0.381	NAP	03/01/2006 / 1:00	
Chromium	6010B, SW-846	51.4	mg/Kg	1.27	NAP	03/01/2006 / 1:00	M2
Calcium	6010B, SW-846	7120	mg/Kg	190	NAP	03/01/2006 / 1:00	
Iron	6010B, SW-846	31000	mg/Kg	12.7	NAP	03/01/2006 / 1:00	MHA
Cobalt	6010B, SW-846	9.73	mg/Kg	6.34	NAP	03/01/2006 / 1:00	
Copper	6010B, SW-846	176	mg/Kg	6.34	NAP	03/01/2006 / 1:00	MHA
Lead	6010B, SW-846	658	mg/Kg	3.81	NAP	03/01/2006 / 1:00	MHA
Magnesium	6010B, SW-846	4440	mg/Kg	152	NAP	03/01/2006 / 1:00	
Manganese	6010B, SW-846	233	mg/Kg	1.90	NAP	03/01/2006 / 1:00	M1
Mercury	SW-846; 7471	9.45	mg/Kg	0.282	NAP	03/07/2006 / 13:42	



Customer: Metcalf & Eddy Associates

Workorder No. 0602-00231

Sample: 006 BCS-3 19-21
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Nickel	6010B, SW-846	23.5	mg/Kg	5.08	NAP	03/01/2006 / 1:00	
Vanadium	6010B, SW-846	31.3	mg/Kg	6.34	NAP	03/01/2006 / 1:00	
Selenium	6010B, SW-846	6.38	mg/Kg	2.54	NAP	03/01/2006 / 1:00	
Potassium	6010B, SW-846	2350	mg/Kg	190	NAP	03/01/2006 / 1:00	
Silver	6010B, SW-846	2.33	mg/Kg	0.63	NAP	03/01/2006 / 1:00	
Sodium	6010B, SW-846	3590	mg/Kg	190	NAP	03/01/2006 / 1:00	
Thallium	6010B, SW-846	ND	mg/Kg	2.54	NAP	03/01/2006 / 1:00	
Zinc	6010B, SW-846	514	mg/Kg	6.34	JS	03/06/2006 / 1:00	MHA
Total Cyanide	4500-CN-C,E SM 18TH, 1992	ND	mg/Kg	0.80	PJS	03/07/2006 / 16:31	
Percent Solids		59.7	%		TLL	03/01/2006 / 7:40	
PCB OIL/SOIL EXTRACTIONS		30.27			TLL	03/03/2006 / 15:00	
Flame/ICP Solid Digestion	EPA 3050B	75.7576			AM	02/28/2006 / 16:57	

Aliquots for mercury analysis were weighed on a top loading balance under a hood, due to strong odor of the samples, therefore weights on the prep sheet are recorded to 2 decimal places due to the capacity of the balance used.

- G5 Due to sample matrix effects, the surrogate recovery was outside acceptance limits. Secondary surrogate recovery was within the acceptance limits.
- GX Due to sample matrix effects, the surrogate recovery was outside acceptance limits.
- I Internal Standard recovery was outside of method limits. Matrix interference was confirmed by reanalysis.
- J Estimated value. Analyte detected at a level less than the Practical Quantitation Limit (PQL) and greater than or equal to the Method Detection Limit (MDL).
- M1 The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
- M2 The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
- MHA Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).

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

Authorized By:


Robert Bell, Environmental Laboratory Manager

Date: 3.7.06.

NOTE: All solid results are reported on a dry weight basis unless otherwise noted.

CHAIN OF CUSTODY RECORD

AMERISCI JOB NO. 0602-231

PAGE 1 OF 1

TEMP UPON RECEIPT: 20C

PO.#

DATE: 2/27/06

TIME: 9:45

RECEIVED FOR LABORATORY BY: (PRINT) Nicole G. Rose

DATE: 2/27/06

TIME: 9:45

COMPANY: METCALFE & EDDY INC.

ADDRESS: 1140 ROUTE 22 EAST BRIDGEWATER NJ 08807

PHONE: 908 947 0274 Fax 1: 908 707-8874 Fax 2:

CLIENT: NELSON ABRAMS EMAIL: NELSON.ABRAMS@M-E.COM

PROJECT: DDC PROJECT NUMBER: 60004548.01 PROJECT STATE: NY

NAME: BYRDE PETERSEN / BUCKLEY INLET

MATRIX: A-WATER S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS CONTAINER: P-PLASTIC G-GLASS V-VOA

WI-WIPES C-CASSETTES W-WASTE O-OTHER

LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	CONTAINER			SAMPLING INFORMATION			GRAB (G) OR COMPOSITE (C)	PRESERVATIVES	SAMPLE pH AT LOGIN	VOC	SVOC	PCB	TAL METALS	CYANIDE	Notes:
			SIZE	TYPE	#	DATE	TIME	TECH									
	BCS-1	18-20	2.02	GLASS	2	2/22/06	4:50	ECT	G	N		X	X	X	X	X	
	BCS-1	30-32	2.02	GLASS	2	2/22/06	13:05	ECT	G	N		X	X	X	X	X	
	BCS-2	12-14	2.02	GLASS	2	2/23/06	11:20	ECT	G	N		X	X	X	X	X	
	BCS-2	46-48	2.02	GLASS	2	2/24/06	11:40	ECT	G	N		X	X	X	X	X	
	BCS-3	12-14	2.02	GLASS	2	2/27/06	10:20	ECT	G	N		X	X	X	X	X	
	BC-3	15-21	2.02	GLASS	2	2/27/06	14:45	ECT	G	N		X	X	X	X	X	
SAMPLER BY: (PRINT) <u>ERIC ACS</u> DATE: <u>2/27/06</u> RECEIVED BY: (PRINT) _____ DATE: _____																	
(SIGN) <u>Eric ACS</u> TIME: <u>16:00</u> (SIGN) _____ TIME: _____																	
RELINQUISHED BY: (PRINT) <u>Eric ACS</u> DATE: <u>2/27/06</u> RECEIVED BY: (PRINT) _____ DATE: _____																	
(SIGN) <u>Eric ACS</u> TIME: <u>16:00</u> (SIGN) _____ TIME: _____																	
RELINQUISHED BY: (PRINT) _____ DATE: _____ RECEIVED FOR LABORATORY BY: (PRINT) <u>Nicole G. Rose</u> DATE: <u>2/27/06</u>																	
(SIGN) _____ TIME: _____ (SIGN) <u>Nicole G. Rose</u> TIME: <u>9:45</u>																	

CALL N. ABRAMS WITH QUESTIONS 908 947-0274

COURIER: PLACE ASTRA LABEL HERE

NO POUCH NEEDED.
See back for peel and stick application instructions.

FedEx [®] **USA Airbill**

8455 4997 2006

RECIPIENT: PEEL HERE

1 From This portion can be removed for Recipient's records.
Date 2/27/06

FedEx Tracking Number

845549972006

Sender's Name ERIC ACS

Company METCALF & EDDY INC

Phone 908 707-8874

Address 1140 US HIGHWAY 22 # 101

City BRIDGEWATER

State NJ

ZIP 08807-2912

2 Your Internal Billing Reference

3 To

Recipient's Name SAMPLE MANAGEMENT

Company AMERISCOT, BOSTON

Phone 781 337-9224

Address

to "MAIL" at FedEx location, and FedEx address.

3 SCHOOL STREET

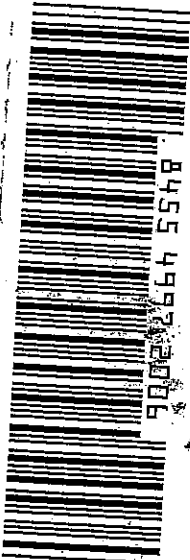
Address

We cannot deliver to P.O. boxes or R.O. ZIP codes.

City WETUMPTON

State MA

ZIP 02181



0270544231

4a Express Package Service

☒ **FedEx Priority Overnight**
Next business morning

☐ **FedEx Standard Overnight**
Next business afternoon

☐ **FedEx First Overnight**
First business morning

☐ **FedEx 2Day**
Second business day

☐ **FedEx Express Saver**
Third business day

4b Express Freight Service

☐ **FedEx 1Day Freight***
Next business day

☐ **FedEx 2Day Freight**
Second business day

☐ **FedEx 3Day Freight**
Third business day

5 Packaging

☐ **FedEx Envelope***

☐ **FedEx Pak***
Includes FedEx Small Pak, FedEx Large Pak, and FedEx Surety Pak

☒ **Other**

6 Special Handling

☐ **SATURDAY Delivery**
Available only for FedEx Priority Overnight, FedEx 2Day, FedEx First Overnight, and FedEx 2Day Freight to and from FedEx locations.

☐ **HOLD Weekday**
at FedEx location

☐ **HOLD Saturday**
at FedEx location

☒ **No**

☐ **Yes**
Does this shipment contain dangerous goods?

☐ **Dry Ice**
By Fed. & Int. Regs.

☐ **Cargo Aircraft Only**

7 Payment Bill to:

☐ **Sender**

☒ **Recipient**

☐ **Third Party**

☐ **Credit Card**

☐ **Cash/Check**

Total Packages 1

Total Weight 17

Total Charges

8 Release Signature

Your liability is limited to \$100 unless you declare a higher value. See the FedEx Service Guide for details.

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims or suits. Visit www.fedex.com for details.

447

Sample Receiving Form

CLIENT: M&E	WORKORDER: 0602-231
CLIENTS JOB: DDC Bayou de l'Inde	RECEIVED BY:
RECEIVED DATE: 2/28/06	SHIPPING METHOD:
TEMP UPON RECEIPT: 2°C	

"No" responses must be explained in the comment section below.

Checklist	YES	NO	NA
Were custody seals on shipping container(s) intact? Check "NA" if no seals, or if containers were hand delivered.			✓
Were Chain of Custody Forms included with the samples?	✓		
Were Chain of Custody Forms properly filled out (ink, signed, etc.)	✓		
Were all containers received in good condition (Check for breakage/leaks)?	✓		
Were all containers labeled with required information (Sample Id, date, signed, analysis, preservation)?	✓		
Were the correct containers used for the tests indicated?	✓		
Were proper preservation techniques indicated?			✓
Were samples received within holding times? If "NO" nonconformance form is required.	✓		
Were all VOA bottles checked for the presence of air bubbles? If bubbles were found please note in the comment section.			✓
Were samples in direct contact with wet ice? If "NO" check one: <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> No Ice		✓	
Is sample temperature recorded ? If "NO" check one: <input type="checkbox"/> Unable to record <input type="checkbox"/> Temp taken near samples	✓		
Were pHs of samples checked and recorded on the COC forms?			✓
Did the laboratory accept samples?	✓		
Will samples be subcontracted? If "yes" list subcontractor and tests in specified sections below.		✓	
Subcontractor: _____ Date Sent Out: _____			
Analyses Sent: _____			

Login Technician: <u>MAC</u>	Login Review:
Comments:	



Please Reply To:

AmeriSci Boston
Eight School Street
Weymouth, MA 02189
TEL:(781)337-9334 FAX:(781)337-7642

FACSIMILE TELECOPY TRANSMISSION

To: Mr. Nelson Abrams
Metcalf & Eddy Associates

AmeriSci Job# 0603-00025
Subject: DDC:BAYSIDE

Fax # 908-707-8894

email: Nelson Abrams

Date: Monday, March 13, 2006

Time: 5:15:23PM

Comments:

This report consists of 45 pages, including:

Cover Page (Facsimile Telecopy Transmission)	<u>1</u>	pages
Laboratory Report	<u>41</u>	pages
Chain of Custody Record	<u>1</u>	pages
Air bill	<u>1</u>	pages
Sample Receiving Form	<u>1</u>	pages
Miscellaneous	<u>0</u>	pages

CONFIDENTIALITY NOTICE: Unless otherwise indicated, the information contained in this facsimile communication is confidential information intended for the use of the individual named above. If the reader of this communication is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is prohibited. If you have received this communication in error, please immediately notify the sender by telephone and return the original message to the above address via US Postal Service at our expense. Preliminary data reported here will be verified before final report is issued. Samples are disposed of in 60 days unless otherwise instructed by the protocol or special instructions in writing. Thank you.

Certified Analysis Service 24 Hours a Day - 7 Days a Week Competitive Prices
www.amerisci.com

Boston - Los Angeles - New York - Richmond



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

Laboratory Report

Report Date 03/13/2006
Workorder No. 0603-00025

Customer: Metcalf & Eddy Associates
1140 Route 22 East
Suite 101
Bridgewater, NJ 08807

Attention: Mr. Nelson Abrams

Subject: DDC:BAYSIDE PETROLEUM/BUSHWICK

Sample: 001 BCS-3 36-38

Collection Date: 02/28/2006 Time: 11:30:00AM

Matrix: SOIL

Received Date: 03/06/2006 Time: 9:10:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
Chloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
Bromomethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
Chloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
Acrolein	EPA 8260B	ND	ug/Kg	48	MVP	03/09/2006 / 14:21	
Acetone	EPA 8260B	ND	ug/Kg	48	MVP	03/09/2006 / 14:21	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
Iodomethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	48	MVP	03/09/2006 / 14:21	
Methylene Chloride	EPA 8260B	5	ug/Kg	38	MVP	03/09/2006 / 14:21	J
Acrylonitrile	EPA 8260B	ND	ug/Kg	48	MVP	03/09/2006 / 14:21	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	48	MVP	03/09/2006 / 14:21	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	48	MVP	03/09/2006 / 14:21	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
Chloroform	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
Bromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00025

Sample: 001 BCS-3 36-38
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
Benzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
Trichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	48	MVP	03/09/2006 / 14:21	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	48	MVP	03/09/2006 / 14:21	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
Toluene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
Dibromomethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
2-Hexanone	EPA 8260B	ND	ug/Kg	48	MVP	03/09/2006 / 14:21	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
Chlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
Ethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
M & P XYLENE	EPA 8260B	ND	ug/Kg	19	MVP	03/09/2006 / 14:21	
O-XYLENE	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
Styrene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
Bromoform	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
Bromobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00025

Sample: 001 BCS-3 36-38
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
Naphthalene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 14:21	
DIBROMOFLUOROMETHANE (SURR)		100	%		MVP	03/09/2006 / 14:21	
TOLUENE-D8 (SURROGATE)		101	%		MVP	03/09/2006 / 14:21	
4-BROMOFLUOROBENZENE (SURR)		99.4	%		MVP	03/09/2006 / 14:21	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
Phenol	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
Hexachloroethane	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	370	TLL	03/12/2006 / 16:51	
Nitrobenzene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
Isophorone	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00025

Sample: 001 BCS-3 36-38
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
Naphthalene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
Acenaphthylene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
Acenaphthene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
Dibenzofuran	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
Fluorene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
Phenanthrene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
Anthracene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
Carbazole	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 4 of 41



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00025

Sample: 001 BCS-3 36-38
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Fluoranthene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
Benzidine	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
Pyrene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
3,3'-Dichlorbenzidine	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
Chrysene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 16:51	
2-FLUOROPHENOL (SURR)		75.1	%		TLL	03/12/2006 / 16:51	
PHENOL-D5 (SURR)		71.8	%		TLL	03/12/2006 / 16:51	
NITROBENZENE-D5 (SURR)		79.5	%		TLL	03/12/2006 / 16:51	
2-FLUOROBIPHENYL (SURR)		85.0	%		TLL	03/12/2006 / 16:51	
2,4,6-TRIBROMOPHENOL (SURR)		78.2	%		TLL	03/12/2006 / 16:51	
TERPHENYL-D14 (SURR)		106	%		TLL	03/12/2006 / 16:51	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	37	NAC	03/07/2006 / 17:11	
PCB-1221	EPA 8082	ND	ug/Kg	37	NAC	03/07/2006 / 17:11	
PCB-1232	EPA 8082	ND	ug/Kg	37	NAC	03/07/2006 / 17:11	
PCB-1242	EPA 8082	ND	ug/Kg	37	NAC	03/07/2006 / 17:11	
PCB-1248	EPA 8082	ND	ug/Kg	37	NAC	03/07/2006 / 17:11	
PCB-1254	EPA 8082	ND	ug/Kg	37	NAC	03/07/2006 / 17:11	
PCB-1260	EPA 8082	ND	ug/Kg	37	NAC	03/07/2006 / 17:11	
PCB-1262	EPA 8082	ND	ug/Kg	37	NAC	03/07/2006 / 17:11	
PCB-1268	EPA 8082	ND	ug/Kg	37	NAC	03/07/2006 / 17:11	
TCMX (SURROGATE)		99.0	%		NAC	03/07/2006 / 17:11	
DCB (SURROGATE)		96.9	%		NAC	03/07/2006 / 17:11	

Target Analyte List Metals

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 5 of 41



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00025

Sample: 001 BCS-3 36-38
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Antimony	6010B, SW-846	ND	mg/Kg	2.09	JS	03/10/2006 / 1:00	
Aluminum	6010B, SW-846	5420	mg/Kg	20.9	JS	03/10/2006 / 1:00	
Arsenic	6010B, SW-846	1.83	mg/Kg	1.04	JS	03/10/2006 / 1:00	
Barium	6010B, SW-846	47.4	mg/Kg	3.1	JS	03/10/2006 / 1:00	
Beryllium	6010B, SW-846	0.393	mg/Kg	0.313	JS	03/10/2006 / 1:00	
Cadmium	6010B, SW-846	ND	mg/Kg	0.313	JS	03/10/2006 / 1:00	
Chromium	6010B, SW-846	14.3	mg/Kg	1.04	JS	03/10/2006 / 1:00	
Calcium	6010B, SW-846	6140	mg/Kg	156	JS	03/10/2006 / 1:00	
Iron	6010B, SW-846	15100	mg/Kg	10.4	JS	03/10/2006 / 1:00	B1
Cobalt	6010B, SW-846	ND	mg/Kg	5.21	JS	03/10/2006 / 1:00	
Copper	6010B, SW-846	12.1	mg/Kg	5.21	JS	03/10/2006 / 1:00	
Lead	6010B, SW-846	6.16	mg/Kg	3.13	JS	03/10/2006 / 1:00	
Magnesium	6010B, SW-846	3860	mg/Kg	125	JS	03/10/2006 / 1:00	
Manganese	6010B, SW-846	315	mg/Kg	1.56	JS	03/10/2006 / 1:00	
Mercury	SW-846; 7471	ND	mg/Kg	0.0365	NAP	03/13/2006 / 10:15	
Nickel	6010B, SW-846	11.8	mg/Kg	4.17	JS	03/10/2006 / 1:00	
Vanadium	6010B, SW-846	19.0	mg/Kg	5.21	JS	03/10/2006 / 1:00	
Selenium	6010B, SW-846	ND	mg/Kg	2.09	JS	03/10/2006 / 1:00	
Potassium	6010B, SW-846	1350	mg/Kg	156	JS	03/10/2006 / 1:00	
Silver	6010B, SW-846	ND	mg/Kg	0.52	JS	03/10/2006 / 1:00	
Sodium	6010B, SW-846	274	mg/Kg	156	JS	03/10/2006 / 1:00	
Thallium	6010B, SW-846	ND	mg/Kg	2.09	JS	03/10/2006 / 1:00	
Zinc	6010B, SW-846	27.5	mg/Kg	5.21	JS	03/10/2006 / 1:00	
Total Cyanide	SW9010	ND	mg/Kg	0.56	*PH	03/07/2006 / 11:17	
pH	4500-H-B SM 18TH, 1992	8.63	S.U.	0	PJS	03/08/2006 / 8:54	
Percent Solids		88.8	%		AM	03/08/2006 / 7:32	
PCB OIL/SOIL EXTRACTIONS		30.28			ADW	03/07/2006 / 16:06	
Flame/ICP Solid Digestion	EPA 3050B	92.5926			AM	03/07/2006 / 7:33	

Sample: 002 BCS-4 6-8
Collection Date: 02/28/2006 Time: 2:10:00PM
Matrix: SOIL

Received Date: 03/06/2006 Time: 9:10:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
-----------	--------	---------	-------	-----	------	--------------------	------



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00025

Sample: 002 BCS-4 6-8
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
Chloromethane	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
Bromomethane	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
Chloroethane	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
Acrolein	EPA 8260B	ND	ug/Kg	100	MVP	03/09/2006 / 14:52	
Acetone	EPA 8260B	300	ug/Kg	100	MVP	03/09/2006 / 14:52	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
Iodomethane	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	100	MVP	03/09/2006 / 14:52	
Methylene Chloride	EPA 8260B	9	ug/Kg	83	MVP	03/09/2006 / 14:52	J
Acrylonitrile	EPA 8260B	ND	ug/Kg	100	MVP	03/09/2006 / 14:52	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
2-Butanone-(MEK)	EPA 8260B	100	ug/Kg	100	MVP	03/09/2006 / 14:52	J
Vinyl Acetate	EPA 8260B	ND	ug/Kg	100	MVP	03/09/2006 / 14:52	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
Chloroform	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
Bromochloromethane	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
Benzene	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
Trichloroethylene	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	100	MVP	03/09/2006 / 14:52	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	100	MVP	03/09/2006 / 14:52	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
Toluene	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 7 of 41



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00025

Sample: 002 BCS-4 6-8
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
Dibromomethane	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
2-Hexanone	EPA 8260B	ND	ug/Kg	100	MVP	03/09/2006 / 14:52	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
Chlorobenzene	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
Ethylbenzene	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
M & P XYLENE	EPA 8260B	ND	ug/Kg	41	MVP	03/09/2006 / 14:52	
O-XYLENE	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
Styrene	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
Bromoform	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
Bromobenzene	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00025

Sample: 002 BCS-4 6-8
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
Naphthalene	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 14:52	
DIBROMOFLUOROMETHANE (SURR)		110	%		MVP	03/09/2006 / 14:52	
TOLUENE-D8 (SURROGATE)		93.3	%		MVP	03/09/2006 / 14:52	
4-BROMOFLUOROBENZENE (SURR)		106	%		MVP	03/09/2006 / 14:52	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
Phenol	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
Hexachloroethane	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	3600	TLL	03/12/2006 / 15:37	
Nitrobenzene	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
Isophorone	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
Naphthalene	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
2-Methyl Naphthalene	EPA 8270C	730	ug/Kg	1800	TLL	03/12/2006 / 15:37	J
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00025

Sample: 002 BCS-4 6-8
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
Acenaphthylene	EPA 8270C	720	ug/Kg	1800	TLL	03/12/2006 / 15:37	J
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
Acenaphthene	EPA 8270C	1900	ug/Kg	1800	TLL	03/12/2006 / 15:37	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
Dibenzofuran	EPA 8270C	560	ug/Kg	1800	TLL	03/12/2006 / 15:37	J
4-Nitrophenol	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
Fluorene	EPA 8270C	2200	ug/Kg	1800	TLL	03/12/2006 / 15:37	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
Phenanthrene	EPA 8270C	8700	ug/Kg	1800	TLL	03/12/2006 / 15:37	
Anthracene	EPA 8270C	3200	ug/Kg	1800	TLL	03/12/2006 / 15:37	
Carbazole	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
Fluoranthene	EPA 8270C	7500	ug/Kg	1800	TLL	03/12/2006 / 15:37	
Benzidine	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
Pyrene	EPA 8270C	8900	ug/Kg	1800	TLL	03/12/2006 / 15:37	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
Benzo(a)anthracene	EPA 8270C	2900	ug/Kg	1800	TLL	03/12/2006 / 15:37	
Chrysene	EPA 8270C	3000	ug/Kg	1800	TLL	03/12/2006 / 15:37	
bis(2-Ethylhexyl)phthalate	EPA 8270C	1200	ug/Kg	1800	TLL	03/12/2006 / 15:37	J
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 10 of 41



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00025

Sample: 002 BCS-4 6-8
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Indeno (1,2,3-cd)Pyrene	EPA 8270C	390	ug/Kg	1800	TLL	03/12/2006 / 15:37	J
Benzo(b)fluoranthene	EPA 8270C	1400	ug/Kg	1800	TLL	03/12/2006 / 15:37	J
Benzo(k)fluoranthene	EPA 8270C	1600	ug/Kg	1800	TLL	03/12/2006 / 15:37	J
Benzo(a)pyrene	EPA 8270C	2000	ug/Kg	1800	TLL	03/12/2006 / 15:37	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	1800	TLL	03/12/2006 / 15:37	
Benzo (g,h,i) perylene	EPA 8270C	550	ug/Kg	1800	TLL	03/12/2006 / 15:37	J
2-FLUOROPHENOL (SURR)		82.6	%		TLL	03/12/2006 / 15:37	
PHENOL-D5 (SURR)		86.7	%		TLL	03/12/2006 / 15:37	
NITROBENZENE-D5 (SURR)		79.1	%		TLL	03/12/2006 / 15:37	
2-FLUOROBIPHENYL (SURR)		95.4	%		TLL	03/12/2006 / 15:37	
2,4,6-TRIBROMOPHENOL (SURR)		112	%		TLL	03/12/2006 / 15:37	
TERPHENYL-D14 (SURR)		114	%		TLL	03/12/2006 / 15:37	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	71	NAC	03/07/2006 / 17:40	
PCB-1221	EPA 8082	ND	ug/Kg	71	NAC	03/07/2006 / 17:40	
PCB-1232	EPA 8082	ND	ug/Kg	71	NAC	03/07/2006 / 17:40	
PCB-1242	EPA 8082	ND	ug/Kg	71	NAC	03/07/2006 / 17:40	
PCB-1248	EPA 8082	ND	ug/Kg	71	NAC	03/07/2006 / 17:40	
PCB-1254	EPA 8082	ND	ug/Kg	71	NAC	03/07/2006 / 17:40	
PCB-1260	EPA 8082	55	ug/Kg	71	NAC	03/07/2006 / 17:40	J
PCB-1262	EPA 8082	ND	ug/Kg	71	NAC	03/07/2006 / 17:40	
PCB-1268	EPA 8082	ND	ug/Kg	71	NAC	03/07/2006 / 17:40	
TCMX (SURROGATE)		69.0	%		NAC	03/07/2006 / 17:40	
DCB (SURROGATE)		67.9	%		NAC	03/07/2006 / 17:40	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	4.23	JS	03/10/2006 / 1:00	
Aluminum	6010B, SW-846	8380	mg/Kg	42.3	JS	03/10/2006 / 1:00	
Arsenic	6010B, SW-846	26.2	mg/Kg	2.11	JS	03/10/2006 / 1:00	
Barium	6010B, SW-846	266	mg/Kg	6.3	JS	03/10/2006 / 1:00	
Beryllium	6010B, SW-846	ND	mg/Kg	0.634	JS	03/10/2006 / 1:00	
Cadmium	6010B, SW-846	10.7	mg/Kg	0.634	JS	03/10/2006 / 1:00	
Chromium	6010B, SW-846	240	mg/Kg	2.11	JS	03/10/2006 / 1:00	
Calcium	6010B, SW-846	5220	mg/Kg	317	JS	03/10/2006 / 1:00	
Iron	6010B, SW-846	31300	mg/Kg	21.1	JS	03/10/2006 / 1:00	B1



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00025

Sample: 002 BCS-4 6-8
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Cobalt	6010B, SW-846	ND	mg/Kg	10.6	JS	03/10/2006 / 1:00	
Copper	6010B, SW-846	713	mg/Kg	10.6	JS	03/10/2006 / 1:00	
Lead	6010B, SW-846	919	mg/Kg	6.34	JS	03/10/2006 / 1:00	
Magnesium	6010B, SW-846	3730	mg/Kg	254	JS	03/10/2006 / 1:00	
Manganese	6010B, SW-846	220	mg/Kg	3.17	JS	03/10/2006 / 1:00	
Mercury	SW-846; 7471	2.73	mg/Kg	0.0696	NAP	03/13/2006 / 10:15	
Nickel	6010B, SW-846	44.0	mg/Kg	8.45	JS	03/10/2006 / 1:00	
Vanadium	6010B, SW-846	33.3	mg/Kg	10.6	JS	03/10/2006 / 1:00	
Selenium	6010B, SW-846	ND	mg/Kg	4.23	JS	03/10/2006 / 1:00	
Potassium	6010B, SW-846	1880	mg/Kg	317	JS	03/10/2006 / 1:00	
Silver	6010B, SW-846	7.40	mg/Kg	1.1	JS	03/10/2006 / 1:00	
Sodium	6010B, SW-846	1760	mg/Kg	317	JS	03/10/2006 / 1:00	
Thallium	6010B, SW-846	ND	mg/Kg	4.23	JS	03/10/2006 / 1:00	
Zinc	6010B, SW-846	561	mg/Kg	10.6	JS	03/10/2006 / 1:00	
Total Cyanide	SW9010	15	mg/Kg	1.1	*PH	03/07/2006 / 11:17	
pH	4500-H-B SM 18TH, 1992	7.55	S.U.	0	PJS	03/08/2006 / 8:54	
Percent Solids		46.4	%		AM	03/08/2006 / 7:32	
PCB OIL/SOIL EXTRACTIONS		30.35			ADW	03/07/2006 / 16:06	
Flame/ICP Solid Digestion	EPA 3050B	98.0392			AM	03/07/2006 / 7:33	

Sample: 003 BC-3 60-62
Collection Date: 03/01/2006 Time: 2:10:00PM
Matrix: SOIL

Received Date: 03/06/2006 Time: 9:10:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
Chloromethane	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
Bromomethane	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
Chloroethane	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
Acrolein	EPA 8260B	ND	ug/Kg	47	MVP	03/09/2006 / 18:49	
Acetone	EPA 8260B	ND	ug/Kg	47	MVP	03/09/2006 / 18:49	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 12 of 41



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00025

Sample: 003 BC-3 60-62
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
Iodomethane	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	47	MVP	03/09/2006 / 18:49	
Methylene Chloride	EPA 8260B	ND	ug/Kg	37	MVP	03/09/2006 / 18:49	
Acrylonitrile	EPA 8260B	ND	ug/Kg	47	MVP	03/09/2006 / 18:49	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	47	MVP	03/09/2006 / 18:49	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	47	MVP	03/09/2006 / 18:49	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
Chloroform	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
Bromochloromethane	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
Benzene	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
Trichloroethylene	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	47	MVP	03/09/2006 / 18:49	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	47	MVP	03/09/2006 / 18:49	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
Toluene	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
Dibromomethane	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
2-Hexanone	EPA 8260B	ND	ug/Kg	47	MVP	03/09/2006 / 18:49	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00025

Sample: 003 BC-3 60-62
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Chlorobenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
Ethylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
M & P XYLENE	EPA 8260B	ND	ug/Kg	19	MVP	03/09/2006 / 18:49	
O-XYLENE	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
Styrene	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
Bromoform	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
Bromobenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
1,3,5-Trimethylbenzene	EPA 8260B	2	ug/Kg	9	MVP	03/09/2006 / 18:49	J
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
1,2,4-Trimethylbenzene	EPA 8260B	6	ug/Kg	9	MVP	03/09/2006 / 18:49	J
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
4-Isopropyltoluene	EPA 8260B	3	ug/Kg	9	MVP	03/09/2006 / 18:49	J
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
Naphthalene	EPA 8260B	34	ug/Kg	9	MVP	03/09/2006 / 18:49	B
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/09/2006 / 18:49	
DIBROMOFLUOROMETHANE (SURR)		96.6	%		MVP	03/09/2006 / 18:49	
TOLUENE-D8 (SURROGATE)		99.6	%		MVP	03/09/2006 / 18:49	
4-BROMOFLUOROBENZENE (SURR)		106	%		MVP	03/09/2006 / 18:49	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00025

Sample: 003 BC-3 60-62
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
Phenol	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
Hexachloroethane	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	400	TLL	03/12/2006 / 13:45	
Nitrobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
Isophorone	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
Naphthalene	EPA 8270C	830	ug/Kg	200	TLL	03/12/2006 / 13:45	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
2-Methyl Naphthalene	EPA 8270C	1300	ug/Kg	200	TLL	03/12/2006 / 13:45	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
Acenaphthylene	EPA 8270C	99	ug/Kg	200	TLL	03/12/2006 / 13:45	J
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
Acenaphthene	EPA 8270C	370	ug/Kg	200	TLL	03/12/2006 / 13:45	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 15 of 41



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00025

Sample: 003 BC-3 60-62
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
Dibenzofuran	EPA 8270C	130	ug/Kg	200	TLL	03/12/2006 / 13:45	J
4-Nitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
Fluorene	EPA 8270C	540	ug/Kg	200	TLL	03/12/2006 / 13:45	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
Phenanthrene	EPA 8270C	1600	ug/Kg	200	TLL	03/12/2006 / 13:45	
Anthracene	EPA 8270C	530	ug/Kg	200	TLL	03/12/2006 / 13:45	
Carbazole	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
Fluoranthene	EPA 8270C	1100	ug/Kg	200	TLL	03/12/2006 / 13:45	
Benzidine	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
Pyrene	EPA 8270C	1400	ug/Kg	200	TLL	03/12/2006 / 13:45	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
Benzo(a)anthracene	EPA 8270C	510	ug/Kg	200	TLL	03/12/2006 / 13:45	
Chrysene	EPA 8270C	550	ug/Kg	200	TLL	03/12/2006 / 13:45	
bis(2-Ethylhexyl)phthalate	EPA 8270C	97	ug/Kg	200	TLL	03/12/2006 / 13:45	J
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	95	ug/Kg	200	TLL	03/12/2006 / 13:45	J
Benzo(b)fluoranthene	EPA 8270C	260	ug/Kg	200	TLL	03/12/2006 / 13:45	
Benzo(k)fluoranthene	EPA 8270C	310	ug/Kg	200	TLL	03/12/2006 / 13:45	
Benzo(a)pyrene	EPA 8270C	330	ug/Kg	200	TLL	03/12/2006 / 13:45	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 13:45	
Benzo (g,h,i) perylene	EPA 8270C	130	ug/Kg	200	TLL	03/12/2006 / 13:45	J
2-FLUOROPHENOL (SURR)		73.6	%		TLL	03/12/2006 / 13:45	
PHENOL-D5 (SURR)		72.0	%		TLL	03/12/2006 / 13:45	
NITROBENZENE-D5 (SURR)		64.4	%		TLL	03/12/2006 / 13:45	



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00025

Sample: 003 BC-3 60-62
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2-FLUOROBIPHENYL (SURR)		80.8	%		TLL	03/12/2006 / 13:45	
2,4,6-TRIBROMOPHENOL (SURR)		93.0	%		TLL	03/12/2006 / 13:45	
TERPHENYL-D14 (SURR)		101	%		TLL	03/12/2006 / 13:45	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	40	NAC	03/07/2006 / 18:10	
PCB-1221	EPA 8082	ND	ug/Kg	40	NAC	03/07/2006 / 18:10	
PCB-1232	EPA 8082	ND	ug/Kg	40	NAC	03/07/2006 / 18:10	
PCB-1242	EPA 8082	ND	ug/Kg	40	NAC	03/07/2006 / 18:10	
PCB-1248	EPA 8082	ND	ug/Kg	40	NAC	03/07/2006 / 18:10	
PCB-1254	EPA 8082	ND	ug/Kg	40	NAC	03/07/2006 / 18:10	
PCB-1260	EPA 8082	ND	ug/Kg	40	NAC	03/07/2006 / 18:10	
PCB-1262	EPA 8082	ND	ug/Kg	40	NAC	03/07/2006 / 18:10	
PCB-1268	EPA 8082	ND	ug/Kg	40	NAC	03/07/2006 / 18:10	
TCMX (SURROGATE)		106	%		NAC	03/07/2006 / 18:10	
DCB (SURROGATE)		106	%		NAC	03/07/2006 / 18:10	

Target Analyte List Metals

Antimony	6010B, SW-846	ND	mg/Kg	2.33	JS	03/10/2006 / 1:00	M2
Aluminum	6010B, SW-846	1940	mg/Kg	23.3	JS	03/10/2006 / 1:00	MHA
Arsenic	6010B, SW-846	4.09	mg/Kg	1.17	JS	03/10/2006 / 1:00	
Barium	6010B, SW-846	12.8	mg/Kg	3.5	JS	03/10/2006 / 1:00	
Beryllium	6010B, SW-846	ND	mg/Kg	0.350	JS	03/10/2006 / 1:00	
Cadmium	6010B, SW-846	ND	mg/Kg	0.350	JS	03/10/2006 / 1:00	
Chromium	6010B, SW-846	50.9	mg/Kg	1.17	JS	03/10/2006 / 1:00	M2
Calcium	6010B, SW-846	3410	mg/Kg	175	JS	03/10/2006 / 1:00	
Iron	6010B, SW-846	14200	mg/Kg	11.7	JS	03/10/2006 / 1:00	B1
Cobalt	6010B, SW-846	ND	mg/Kg	5.83	JS	03/10/2006 / 1:00	
Copper	6010B, SW-846	58.1	mg/Kg	5.83	JS	03/10/2006 / 1:00	M1
Lead	6010B, SW-846	40.5	mg/Kg	3.50	JS	03/10/2006 / 1:00	M2
Magnesium	6010B, SW-846	1590	mg/Kg	140	JS	03/10/2006 / 1:00	
Manganese	6010B, SW-846	248	mg/Kg	1.75	JS	03/10/2006 / 1:00	MHA
Mercury	SW-846; 7471	0.0956	mg/Kg	0.0386	NAP	03/13/2006 / 10:15	
Nickel	6010B, SW-846	6.60	mg/Kg	4.66	JS	03/10/2006 / 1:00	
Vanadium	6010B, SW-846	12.3	mg/Kg	5.83	JS	03/10/2006 / 1:00	
Selenium	6010B, SW-846	ND	mg/Kg	2.33	JS	03/10/2006 / 1:00	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected

PQL= Practical Quantitation Limit



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00025

Sample: 003 BC-3 60-62
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Potassium	6010B, SW-846	384	mg/Kg	175	JS	03/10/2006 / 1:00	
Silver	6010B, SW-846	ND	mg/Kg	0.58	JS	03/10/2006 / 1:00	
Sodium	6010B, SW-846	ND	mg/Kg	175	JS	03/10/2006 / 1:00	
Thallium	6010B, SW-846	ND	mg/Kg	2.33	JS	03/10/2006 / 1:00	
Zinc	6010B, SW-846	39.8	mg/Kg	5.83	JS	03/10/2006 / 1:00	
Total Cyanide	SW9010	ND	mg/Kg	0.72	*PH	03/07/2006 / 11:17	
pH	4500-H-B SM 18TH, 1992	8.48	S.U.	0	PJS	03/08/2006 / 8:54	
Percent Solids		81.7	%		AM	03/08/2006 / 7:32	
PCB OIL/SOIL EXTRACTIONS		30.25			ADW	03/07/2006 / 16:06	
Flame/ICP Solid Digestion	EPA 3050B	95.2381			AM	03/07/2006 / 7:33	

Sample: 004 BC-4 19-21
Collection Date: 03/02/2006 Time: 10:10:00AM
Matrix: SOIL

Received Date: 03/06/2006 Time: 9:10:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
Chloromethane	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
Bromomethane	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
Chloroethane	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
Acrolein	EPA 8260B	ND	ug/Kg	53	MVP	03/09/2006 / 15:55	
Acetone	EPA 8260B	ND	ug/Kg	53	MVP	03/09/2006 / 15:55	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
Iodomethane	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	53	MVP	03/09/2006 / 15:55	
Methylene Chloride	EPA 8260B	ND	ug/Kg	43	MVP	03/09/2006 / 15:55	
Acrylonitrile	EPA 8260B	ND	ug/Kg	53	MVP	03/09/2006 / 15:55	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	53	MVP	03/09/2006 / 15:55	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 18 of 41



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00025

Sample: 004 BC-4 19-21
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Vinyl Acetate	EPA 8260B	ND	ug/Kg	53	MVP	03/09/2006 / 15:55	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
Chloroform	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
Bromochloromethane	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
Benzene	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
Trichloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	53	MVP	03/09/2006 / 15:55	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	53	MVP	03/09/2006 / 15:55	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
Toluene	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
Dibromomethane	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
2-Hexanone	EPA 8260B	ND	ug/Kg	53	MVP	03/09/2006 / 15:55	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
Chlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
Ethylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
M & P XYLENE	EPA 8260B	ND	ug/Kg	21	MVP	03/09/2006 / 15:55	
O-XYLENE	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
Styrene	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
Bromoform	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 19 of 41



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00025

Sample: 004 BC-4 19-21
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
Bromobenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
Naphthalene	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/09/2006 / 15:55	
DIBROMOFLUOROMETHANE (SURR)		95.5	%		MVP	03/09/2006 / 15:55	
TOLUENE-D8 (SURROGATE)		99.2	%		MVP	03/09/2006 / 15:55	
4-BROMOFLUOROBENZENE (SURR)		89.2	%		MVP	03/09/2006 / 15:55	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
Phenol	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
Hexachloroethane	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 20 of 41



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00025

Sample: 004 BC-4 19-21
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	470	TLL	03/12/2006 / 14:59	
Nitrobenzene	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
Isophorone	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
Naphthalene	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
2-Methyl Naphthalene	EPA 8270C	600	ug/Kg	240	TLL	03/12/2006 / 14:59	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
Acenaphthylene	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
Acenaphthene	EPA 8270C	460	ug/Kg	240	TLL	03/12/2006 / 14:59	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
Dibenzofuran	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
Fluorene	EPA 8270C	240	ug/Kg	240	TLL	03/12/2006 / 14:59	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00025

Sample: 004 BC-4 19-21
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
Phenanthrene	EPA 8270C	81	ug/Kg	240	TLL	03/12/2006 / 14:59	J
Anthracene	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
Carbazole	EPA 8270C	180	ug/Kg	240	TLL	03/12/2006 / 14:59	J
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
Fluoranthene	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
Benzidine	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
Pyrene	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
Chrysene	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
bis(2-Ethylhexyl)phthalate	EPA 8270C	64	ug/Kg	240	TLL	03/12/2006 / 14:59	J
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	240	TLL	03/12/2006 / 14:59	
2-FLUOROPHENOL (SURR)		78.6	%		TLL	03/12/2006 / 14:59	
PHENOL-D5 (SURR)		75.9	%		TLL	03/12/2006 / 14:59	
NITROBENZENE-D5 (SURR)		80.4	%		TLL	03/12/2006 / 14:59	
2-FLUOROBIPHENYL (SURR)		69.2	%		TLL	03/12/2006 / 14:59	
2,4,6-TRIBROMOPHENOL (SURR)		89.3	%		TLL	03/12/2006 / 14:59	
TERPHENYL-D14 (SURR)		74.8	%		TLL	03/12/2006 / 14:59	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	47	NAC	03/07/2006 / 18:39	
PCB-1221	EPA 8082	ND	ug/Kg	47	NAC	03/07/2006 / 18:39	
PCB-1232	EPA 8082	ND	ug/Kg	47	NAC	03/07/2006 / 18:39	
PCB-1242	EPA 8082	ND	ug/Kg	47	NAC	03/07/2006 / 18:39	
PCB-1248	EPA 8082	ND	ug/Kg	47	NAC	03/07/2006 / 18:39	



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00025

Sample: 004 BC-4 19-21
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-1254	EPA 8082	ND	ug/Kg	47	NAC	03/07/2006 / 18:39	
PCB-1260	EPA 8082	ND	ug/Kg	47	NAC	03/07/2006 / 18:39	
PCB-1262	EPA 8082	ND	ug/Kg	47	NAC	03/07/2006 / 18:39	
PCB-1268	EPA 8082	ND	ug/Kg	47	NAC	03/07/2006 / 18:39	
TCMX (SURROGATE)		60.4	%		NAC	03/07/2006 / 18:39	
DCB (SURROGATE)		35.5	%		NAC	03/07/2006 / 18:39	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.49	JS	03/10/2006 / 1:00	
Aluminum	6010B, SW-846	5900	mg/Kg	24.9	JS	03/10/2006 / 1:00	
Arsenic	6010B, SW-846	ND	mg/Kg	1.24	JS	03/10/2006 / 1:00	
Barium	6010B, SW-846	81.9	mg/Kg	3.7	JS	03/10/2006 / 1:00	
Beryllium	6010B, SW-846	ND	mg/Kg	0.373	JS	03/10/2006 / 1:00	
Cadmium	6010B, SW-846	ND	mg/Kg	0.373	JS	03/10/2006 / 1:00	
Chromium	6010B, SW-846	12.5	mg/Kg	1.24	JS	03/10/2006 / 1:00	
Calcium	6010B, SW-846	2010	mg/Kg	187	JS	03/10/2006 / 1:00	
Iron	6010B, SW-846	9970	mg/Kg	12.4	JS	03/10/2006 / 1:00	B1
Cobalt	6010B, SW-846	ND	mg/Kg	6.22	JS	03/10/2006 / 1:00	
Copper	6010B, SW-846	9.76	mg/Kg	6.22	JS	03/10/2006 / 1:00	
Lead	6010B, SW-846	4.88	mg/Kg	3.73	JS	03/10/2006 / 1:00	
Magnesium	6010B, SW-846	2700	mg/Kg	149	JS	03/10/2006 / 1:00	
Manganese	6010B, SW-846	136	mg/Kg	1.87	JS	03/10/2006 / 1:00	
Mercury	SW-846; 7471	ND	mg/Kg	0.0460	NAP	03/13/2006 / 10:15	
Nickel	6010B, SW-846	11.3	mg/Kg	4.98	JS	03/10/2006 / 1:00	
Vanadium	6010B, SW-846	13.5	mg/Kg	6.22	JS	03/10/2006 / 1:00	
Selenium	6010B, SW-846	ND	mg/Kg	2.49	JS	03/10/2006 / 1:00	
Potassium	6010B, SW-846	792	mg/Kg	187	JS	03/10/2006 / 1:00	
Silver	6010B, SW-846	ND	mg/Kg	0.62	JS	03/10/2006 / 1:00	
Sodium	6010B, SW-846	499	mg/Kg	187	JS	03/10/2006 / 1:00	
Thallium	6010B, SW-846	ND	mg/Kg	2.49	JS	03/10/2006 / 1:00	
Zinc	6010B, SW-846	58.7	mg/Kg	6.22	JS	03/10/2006 / 1:00	
Total Cyanide	SW9010	ND	mg/Kg	0.70	*PH	03/07/2006 / 11:17	
pH	4500-H-B SM 18TH, 1992	7.89	S.U.	0	PJS	03/08/2006 / 8:54	
Percent Solids		69.9	%		AM	03/08/2006 / 7:32	
PCB OIL/SOIL EXTRACTIONS		30.53			ADW	03/07/2006 / 16:06	



Customer: Metcalf & Eddy Associates

Workorder No. 0603-00025

Sample: 004 BC-4 19-21
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Flame/ICP Solid Digestion	EPA 3050B	86.9565			AM	03/07/2006 / 7:33	

Sample: 005 BC-4 38-40
Collection Date: 03/02/2006 Time: 11:40:00AM
Matrix: SOIL

Received Date: 03/06/2006 Time: 9:10:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
Chloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
Bromomethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
Chloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
Acrolein	EPA 8260B	ND	ug/Kg	50	MVP	03/09/2006 / 19:20	
Acetone	EPA 8260B	ND	ug/Kg	50	MVP	03/09/2006 / 19:20	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
Iodomethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	50	MVP	03/09/2006 / 19:20	
Methylene Chloride	EPA 8260B	ND	ug/Kg	40	MVP	03/09/2006 / 19:20	
Acrylonitrile	EPA 8260B	ND	ug/Kg	50	MVP	03/09/2006 / 19:20	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	50	MVP	03/09/2006 / 19:20	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	50	MVP	03/09/2006 / 19:20	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
Chloroform	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
Bromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
Benzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00025

Sample: 005 BC-4 38-40
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
Trichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	50	MVP	03/09/2006 / 19:20	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	50	MVP	03/09/2006 / 19:20	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
Toluene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
Dibromomethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
2-Hexanone	EPA 8260B	ND	ug/Kg	50	MVP	03/09/2006 / 19:20	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
Chlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
Ethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
M & P XYLENE	EPA 8260B	ND	ug/Kg	20	MVP	03/09/2006 / 19:20	
O-XYLENE	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
Styrene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
Bromoform	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
Bromobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00025

Sample: 005 BC-4 38-40
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
Naphthalene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 19:20	
DIBROMOFLUOROMETHANE (SURR)		99.5	%		MVP	03/09/2006 / 19:20	
TOLUENE-D8 (SURROGATE)		99.4	%		MVP	03/09/2006 / 19:20	
4-BROMOFLUOROBENZENE (SURR)		85.6	%		MVP	03/09/2006 / 19:20	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
Phenol	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
Hexachloroethane	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	380	TLL	03/12/2006 / 17:28	
Nitrobenzene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
Isophorone	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 26 of 41



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00025

Sample: 005 BC-4 38-40
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Naphthalene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
Acenaphthylene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
Acenaphthene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
Dibenzofuran	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
Fluorene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
Phenanthrene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
Anthracene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
Carbazole	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
Fluoranthene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
Benzidine	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	

Certifications:

MA: MA069

NY: 10982

CT: PH0119

RI: A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 27 of 41



Customer: Metcalf & Eddy Associates

Workorder No. 0603-00025

Sample: 005 BC-4 38-40
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Pyrene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
Chrysene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
bis(2-Ethylhexyl)phthalate	EPA 8270C	45	ug/Kg	190	TLL	03/12/2006 / 17:28	J
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	190	TLL	03/12/2006 / 17:28	
2-FLUOROPHENOL (SURR)		77.8	%		TLL	03/12/2006 / 17:28	
PHENOL-D5 (SURR)		74.3	%		TLL	03/12/2006 / 17:28	
NITROBENZENE-D5 (SURR)		81.6	%		TLL	03/12/2006 / 17:28	
2-FLUOROBIPHENYL (SURR)		85.3	%		TLL	03/12/2006 / 17:28	
2,4,6-TRIBROMOPHENOL (SURR)		83.7	%		TLL	03/12/2006 / 17:28	
TERPHENYL-D14 (SURR)		102	%		TLL	03/12/2006 / 17:28	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	38	NAC	03/07/2006 / 19:08	
PCB-1221	EPA 8082	ND	ug/Kg	38	NAC	03/07/2006 / 19:08	
PCB-1232	EPA 8082	ND	ug/Kg	38	NAC	03/07/2006 / 19:08	
PCB-1242	EPA 8082	ND	ug/Kg	38	NAC	03/07/2006 / 19:08	
PCB-1248	EPA 8082	ND	ug/Kg	38	NAC	03/07/2006 / 19:08	
PCB-1254	EPA 8082	ND	ug/Kg	38	NAC	03/07/2006 / 19:08	
PCB-1260	EPA 8082	ND	ug/Kg	38	NAC	03/07/2006 / 19:08	
PCB-1262	EPA 8082	ND	ug/Kg	38	NAC	03/07/2006 / 19:08	
PCB-1268	EPA 8082	ND	ug/Kg	38	NAC	03/07/2006 / 19:08	
TCMX (SURROGATE)		94.7	%		NAC	03/07/2006 / 19:08	
DCB (SURROGATE)		85.5	%		NAC	03/07/2006 / 19:08	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.21	JS	03/10/2006 / 1:00	
Aluminum	6010B, SW-846	2400	mg/Kg	22.1	JS	03/10/2006 / 1:00	



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00025

Sample: 005 BC-4 38-40
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Arsenic	6010B, SW-846	1.64	mg/Kg	1.11	JS	03/10/2006 / 1:00	
Barium	6010B, SW-846	13.4	mg/Kg	3.3	JS	03/10/2006 / 1:00	
Beryllium	6010B, SW-846	ND	mg/Kg	0.332	JS	03/10/2006 / 1:00	
Cadmium	6010B, SW-846	ND	mg/Kg	0.332	JS	03/10/2006 / 1:00	
Chromium	6010B, SW-846	10.2	mg/Kg	1.11	JS	03/10/2006 / 1:00	
Calcium	6010B, SW-846	823	mg/Kg	166	JS	03/10/2006 / 1:00	
Iron	6010B, SW-846	12100	mg/Kg	11.1	JS	03/10/2006 / 1:00	B1
Cobalt	6010B, SW-846	ND	mg/Kg	5.54	JS	03/10/2006 / 1:00	
Copper	6010B, SW-846	12.1	mg/Kg	5.54	JS	03/10/2006 / 1:00	
Lead	6010B, SW-846	4.73	mg/Kg	3.32	JS	03/10/2006 / 1:00	
Magnesium	6010B, SW-846	926	mg/Kg	133	JS	03/10/2006 / 1:00	
Manganese	6010B, SW-846	161	mg/Kg	1.66	JS	03/10/2006 / 1:00	
Mercury	SW-846; 7471	ND	mg/Kg	0.0381	NAP	03/13/2006 / 10:15	
Nickel	6010B, SW-846	6.29	mg/Kg	4.43	JS	03/10/2006 / 1:00	
Vanadium	6010B, SW-846	19.6	mg/Kg	5.54	JS	03/10/2006 / 1:00	
Selenium	6010B, SW-846	ND	mg/Kg	2.21	JS	03/10/2006 / 1:00	
Potassium	6010B, SW-846	438	mg/Kg	166	JS	03/10/2006 / 1:00	
Silver	6010B, SW-846	ND	mg/Kg	0.55	JS	03/10/2006 / 1:00	
Sodium	6010B, SW-846	214	mg/Kg	166	JS	03/10/2006 / 1:00	
Thallium	6010B, SW-846	ND	mg/Kg	2.21	JS	03/10/2006 / 1:00	
Zinc	6010B, SW-846	15.5	mg/Kg	5.54	JS	03/10/2006 / 1:00	
Total Cyanide	SW9010	ND	mg/Kg	0.58	*PH	03/07/2006 / 11:17	
pH	4500-H-B SM 18TH, 1992	8.03	S.U.	0	PJS	03/08/2006 / 8:54	
Percent Solids		86.0	%		AM	03/08/2006 / 7:32	
PCB OIL/SOIL EXTRACTIONS		30.43			ADW	03/07/2006 / 16:06	
Flame/ICP Solid Digestion	EPA 3050B	95.2381			AM	03/07/2006 / 7:33	

Sample: 006 BCS-5 8-10
Collection Date: 03/03/2006 Time: 11:15:00AM
Matrix: SOIL

Received Date: 03/06/2006 Time: 9:10:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 29 of 41



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00025

Sample: 006 BCS-5 8-10
(Continued)

<u>Parameter</u>	<u>Method</u>	<u>Results</u>	<u>Units</u>	<u>PQL</u>	<u>Tech</u>	<u>Analysis Date/Time</u>	<u>Qual</u>
Vinyl Chloride	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
Chloromethane	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
Bromomethane	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
Chloroethane	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
Acrolein	EPA 8260B	ND	ug/Kg	370	MVP	03/09/2006 / 16:58	
Acetone	EPA 8260B	1100	ug/Kg	370	MVP	03/09/2006 / 16:58	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
Iodomethane	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
Carbon Disulfide	EPA 8260B	380	ug/Kg	370	MVP	03/09/2006 / 16:58	
Methylene Chloride	EPA 8260B	16	ug/Kg	300	MVP	03/09/2006 / 16:58	J
Acrylonitrile	EPA 8260B	ND	ug/Kg	370	MVP	03/09/2006 / 16:58	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
2-Butanone-(MEK)	EPA 8260B	350	ug/Kg	370	MVP	03/09/2006 / 16:58	J
Vinyl Acetate	EPA 8260B	ND	ug/Kg	370	MVP	03/09/2006 / 16:58	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
Chloroform	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
Bromochloromethane	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
Benzene	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
Trichloroethylene	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	370	MVP	03/09/2006 / 16:58	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	370	MVP	03/09/2006 / 16:58	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
Toluene	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 30 of 41



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00025

Sample: 006 BCS-5 8-10
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Dibromomethane	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
2-Hexanone	EPA 8260B	ND	ug/Kg	370	MVP	03/09/2006 / 16:58	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
Chlorobenzene	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
Ethylbenzene	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
M & P XYLENE	EPA 8260B	51	ug/Kg	150	MVP	03/09/2006 / 16:58	J
O-XYLENE	EPA 8260B	66	ug/Kg	75	MVP	03/09/2006 / 16:58	J
Styrene	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
Bromoform	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
Isopropylbenzene	EPA 8260B	34	ug/Kg	75	MVP	03/09/2006 / 16:58	J
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
Bromobenzene	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
1,3,5-Trimethylbenzene	EPA 8260B	140	ug/Kg	75	MVP	03/09/2006 / 16:58	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
1,2,4-Trimethylbenzene	EPA 8260B	210	ug/Kg	75	MVP	03/09/2006 / 16:58	
sec-Butylbenzene	EPA 8260B	40	ug/Kg	75	MVP	03/09/2006 / 16:58	J
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 31 of 41



Customer: Metcalf & Eddy Associates

Workorder No. 0603-00025

Sample: 006 BCS-5 8-10
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Naphthalene	EPA 8260B	74	ug/Kg	75	MVP	03/09/2006 / 16:58	JB
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	75	MVP	03/09/2006 / 16:58	
DIBROMOFLUOROMETHANE (SURR)		107	%		MVP	03/09/2006 / 16:58	
TOLUENE-D8 (SURROGATE)		91.7	%		MVP	03/09/2006 / 16:58	
4-BROMOFLUOROBENZENE (SURR)		102	%		MVP	03/09/2006 / 16:58	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
Phenol	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
Hexachloroethane	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
3&4-Methyl Phenol	EPA 8270C	1300	ug/Kg	2100	TLL	03/12/2006 / 16:14	J
Nitrobenzene	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
Isophorone	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
Naphthalene	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
2-Methyl Naphthalene	EPA 8270C	370	ug/Kg	1000	TLL	03/12/2006 / 16:14	J
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00025

Sample: 006 BCS-5 8-10
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2-Nitroaniline	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
Acenaphthylene	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
Acenaphthene	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
Dibenzofuran	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
Fluorene	EPA 8270C	240	ug/Kg	1000	TLL	03/12/2006 / 16:14	J
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
Phenanthrene	EPA 8270C	990	ug/Kg	1000	TLL	03/12/2006 / 16:14	J
Anthracene	EPA 8270C	290	ug/Kg	1000	TLL	03/12/2006 / 16:14	J
Carbazole	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
Fluoranthene	EPA 8270C	1500	ug/Kg	1000	TLL	03/12/2006 / 16:14	
Benzidine	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
Pyrene	EPA 8270C	1400	ug/Kg	1000	TLL	03/12/2006 / 16:14	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
Benzo(a)anthracene	EPA 8270C	580	ug/Kg	1000	TLL	03/12/2006 / 16:14	J
Chrysene	EPA 8270C	680	ug/Kg	1000	TLL	03/12/2006 / 16:14	J
bis(2-Ethylhexyl)phthalate	EPA 8270C	4800	ug/Kg	1000	TLL	03/12/2006 / 16:14	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
Benzo(b)fluoranthene	EPA 8270C	450	ug/Kg	1000	TLL	03/12/2006 / 16:14	J

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected

PQL= Practical Quantitation Limit

Page: 33 of 41



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00025

Sample: 006 BCS-5 8-10
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Benzo(k)fluoranthene	EPA 8270C	420	ug/Kg	1000	TLL	03/12/2006 / 16:14	J
Benzo(a)pyrene	EPA 8270C	500	ug/Kg	1000	TLL	03/12/2006 / 16:14	J
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	1000	TLL	03/12/2006 / 16:14	
2-FLUOROPHENOL (SURR)		79.1	%		TLL	03/12/2006 / 16:14	
PHENOL-D5 (SURR)		79.9	%		TLL	03/12/2006 / 16:14	
NITROBENZENE-D5 (SURR)		75.2	%		TLL	03/12/2006 / 16:14	
2-FLUOROBIPHENYL (SURR)		82.9	%		TLL	03/12/2006 / 16:14	
2,4,6-TRIBROMOPHENOL (SURR)		89.9	%		TLL	03/12/2006 / 16:14	
TERPHENYL-D14 (SURR)		87.6	%		TLL	03/12/2006 / 16:14	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	100	NAC	03/07/2006 / 19:37	
PCB-1221	EPA 8082	ND	ug/Kg	100	NAC	03/07/2006 / 19:37	
PCB-1232	EPA 8082	ND	ug/Kg	100	NAC	03/07/2006 / 19:37	
PCB-1242	EPA 8082	ND	ug/Kg	100	NAC	03/07/2006 / 19:37	
PCB-1248	EPA 8082	ND	ug/Kg	100	NAC	03/07/2006 / 19:37	
PCB-1254	EPA 8082	ND	ug/Kg	100	NAC	03/07/2006 / 19:37	
PCB-1260	EPA 8082	320	ug/Kg	100	NAC	03/07/2006 / 19:37	
PCB-1262	EPA 8082	ND	ug/Kg	100	NAC	03/07/2006 / 19:37	
PCB-1268	EPA 8082	ND	ug/Kg	100	NAC	03/07/2006 / 19:37	
TCMX (SURROGATE)		59.8	%		NAC	03/07/2006 / 19:37	
DCB (SURROGATE)		51.5	%		NAC	03/07/2006 / 19:37	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	6.17	JS	03/10/2006 / 1:00	
Aluminum	6010B, SW-846	17500	mg/Kg	61.7	JS	03/10/2006 / 1:00	
Arsenic	6010B, SW-846	53.7	mg/Kg	3.08	JS	03/10/2006 / 1:00	
Barium	6010B, SW-846	402	mg/Kg	9.2	JS	03/10/2006 / 1:00	
Beryllium	6010B, SW-846	1.12	mg/Kg	0.925	JS	03/10/2006 / 1:00	
Cadmium	6010B, SW-846	22.0	mg/Kg	0.925	JS	03/10/2006 / 1:00	
Chromium	6010B, SW-846	790	mg/Kg	3.08	JS	03/10/2006 / 1:00	
Calcium	6010B, SW-846	9890	mg/Kg	462	JS	03/10/2006 / 1:00	
Iron	6010B, SW-846	40700	mg/Kg	30.8	JS	03/10/2006 / 1:00	B1
Cobalt	6010B, SW-846	ND	mg/Kg	15.4	JS	03/10/2006 / 1:00	
Copper	6010B, SW-846	674	mg/Kg	15.4	JS	03/10/2006 / 1:00	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 34 of 41



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00025

Sample: 006 BCS-5 8-10
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Lead	6010B, SW-846	1870	mg/Kg	9.25	JS	03/10/2006 / 1:00	
Magnesium	6010B, SW-846	7670	mg/Kg	370	JS	03/10/2006 / 1:00	
Manganese	6010B, SW-846	418	mg/Kg	4.62	JS	03/10/2006 / 1:00	
Mercury	SW-846; 7471	4.14	mg/Kg	0.0977	NAP	03/13/2006 / 10:15	
Nickel	6010B, SW-846	125	mg/Kg	12.3	JS	03/10/2006 / 1:00	
Vanadium	6010B, SW-846	131	mg/Kg	15.4	JS	03/10/2006 / 1:00	
Selenium	6010B, SW-846	ND	mg/Kg	6.17	JS	03/10/2006 / 1:00	
Potassium	6010B, SW-846	4060	mg/Kg	462	JS	03/10/2006 / 1:00	
Silver	6010B, SW-846	21.3	mg/Kg	1.5	JS	03/10/2006 / 1:00	
Sodium	6010B, SW-846	5610	mg/Kg	462	JS	03/10/2006 / 1:00	
Thallium	6010B, SW-846	ND	mg/Kg	6.17	JS	03/10/2006 / 1:00	
Zinc	6010B, SW-846	988	mg/Kg	15.4	JS	03/10/2006 / 1:00	
Total Cyanide	SW9010	57	mg/Kg	1.5	*PH	03/07/2006 / 11:17	
pH	4500-H-B SM 18TH, 1992	8.01	S.U.	0	PJS	03/08/2006 / 8:54	
Percent Solids		31.8	%		AM	03/08/2006 / 7:32	
PCB OIL/SOIL EXTRACTIONS		30.43			ADW	03/07/2006 / 16:06	
Flame/ICP Solid Digestion	EPA 3050B	98.0392			AM	03/07/2006 / 7:33	

Sample: 007 BC-4 67-69
Collection Date: 03/03/2006 Time: 2:20:00PM
Matrix: SOIL

Received Date: 03/06/2006 Time: 9:10:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
Chloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
Bromomethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
Chloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
Acrolein	EPA 8260B	ND	ug/Kg	49	MVP	03/09/2006 / 17:30	
Acetone	EPA 8260B	ND	ug/Kg	49	MVP	03/09/2006 / 17:30	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
Iodomethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	

Certifications:

MA: MA069

NY: 10982

CT: PH0119

RI: A45

NJ: 59744

ND = Not Detected PQL = Practical Quantitation Limit

Page: 35 of 41



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00025

Sample: 007 BC-4 67-69
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Carbon Disulfide	EPA 8260B	ND	ug/Kg	49	MVP	03/09/2006 / 17:30	
Methylene Chloride	EPA 8260B	ND	ug/Kg	39	MVP	03/09/2006 / 17:30	
Acrylonitrile	EPA 8260B	ND	ug/Kg	49	MVP	03/09/2006 / 17:30	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	49	MVP	03/09/2006 / 17:30	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	49	MVP	03/09/2006 / 17:30	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
Chloroform	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
Bromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
Benzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
Trichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	49	MVP	03/09/2006 / 17:30	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	49	MVP	03/09/2006 / 17:30	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
Toluene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
Dibromomethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
2-Hexanone	EPA 8260B	ND	ug/Kg	49	MVP	03/09/2006 / 17:30	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
Chlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 36 of 41



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00025

Sample: 007 BC-4 67-69
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Ethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
M & P XYLENE	EPA 8260B	ND	ug/Kg	20	MVP	03/09/2006 / 17:30	
O-XYLENE	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
Styrene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
Bromoform	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
Bromobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
Naphthalene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/09/2006 / 17:30	
DIBROMOFLUOROMETHANE (SURR)		101	%		MVP	03/09/2006 / 17:30	
TOLUENE-D8 (SURROGATE)		99.3	%		MVP	03/09/2006 / 17:30	
4-BROMOFLUOROBENZENE (SURR)		99.1	%		MVP	03/09/2006 / 17:30	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
Phenol	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00025

Sample: 007 BC-4 67-69
(Continued)

<u>Parameter</u>	<u>Method</u>	<u>Results</u>	<u>Units</u>	<u>PQL</u>	<u>Tech</u>	<u>Analysis Date/Time</u>	<u>Qual</u>
2-Chlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
Hexachloroethane	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	400	TLL	03/12/2006 / 18:05	
Nitrobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
Isophorone	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
Naphthalene	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
Acenaphthylene	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
Acenaphthene	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
Dibenzofuran	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00025

Sample: 007 BC-4 67-69
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
4-Nitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
Fluorene	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
Phenanthrene	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
Anthracene	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
Carbazole	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
Fluoranthene	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
Benzidine	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
Pyrene	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
3,3'-Dichlorbenzidine	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
Chrysene	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
bis(2-Ethylhexyl)phthalate	EPA 8270C	71	ug/Kg	200	TLL	03/12/2006 / 18:05	J
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	200	TLL	03/12/2006 / 18:05	
2-FLUOROPHENOL (SURR)		69.7	%		TLL	03/12/2006 / 18:05	
PHENOL-D5 (SURR)		68.3	%		TLL	03/12/2006 / 18:05	
NITROBENZENE-D5 (SURR)		72.1	%		TLL	03/12/2006 / 18:05	
2-FLUOROBIPHENYL (SURR)		77.2	%		TLL	03/12/2006 / 18:05	
2,4,6-TRIBROMOPHENOL (SURR)		84.1	%		TLL	03/12/2006 / 18:05	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected

PQL= Practical Quantitation Limit

Page: 39 of 41



Customer: Metcalf & Eddy Associates

Workorder No. 0603-00025

Sample: 007 BC-4 67-69
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TERPHENYL-D14 (SURR)		97.9	%		TLL	03/12/2006 / 18:05	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	40	NAC	03/07/2006 / 20:06	
PCB-1221	EPA 8082	ND	ug/Kg	40	NAC	03/07/2006 / 20:06	
PCB-1232	EPA 8082	ND	ug/Kg	40	NAC	03/07/2006 / 20:06	
PCB-1242	EPA 8082	ND	ug/Kg	40	NAC	03/07/2006 / 20:06	
PCB-1248	EPA 8082	ND	ug/Kg	40	NAC	03/07/2006 / 20:06	
PCB-1254	EPA 8082	ND	ug/Kg	40	NAC	03/07/2006 / 20:06	
PCB-1260	EPA 8082	ND	ug/Kg	40	NAC	03/07/2006 / 20:06	
PCB-1262	EPA 8082	ND	ug/Kg	40	NAC	03/07/2006 / 20:06	
PCB-1268	EPA 8082	ND	ug/Kg	40	NAC	03/07/2006 / 20:06	
TCMX (SURROGATE)		115	%		NAC	03/07/2006 / 20:06	
DCB (SURROGATE)		106	%		NAC	03/07/2006 / 20:06	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.00	JS	03/10/2006 / 1:00	
Aluminum	6010B, SW-846	1970	mg/Kg	20.0	JS	03/10/2006 / 1:00	
Arsenic	6010B, SW-846	ND	mg/Kg	0.998	JS	03/10/2006 / 1:00	
Barium	6010B, SW-846	13.4	mg/Kg	3.0	JS	03/10/2006 / 1:00	
Beryllium	6010B, SW-846	ND	mg/Kg	0.300	JS	03/10/2006 / 1:00	
Cadmium	6010B, SW-846	ND	mg/Kg	0.300	JS	03/10/2006 / 1:00	
Chromium	6010B, SW-846	6.87	mg/Kg	0.998	JS	03/10/2006 / 1:00	
Calcium	6010B, SW-846	2430	mg/Kg	150	JS	03/10/2006 / 1:00	
Iron	6010B, SW-846	6840	mg/Kg	9.98	JS	03/10/2006 / 1:00	B1
Cobalt	6010B, SW-846	ND	mg/Kg	4.99	JS	03/10/2006 / 1:00	
Copper	6010B, SW-846	5.72	mg/Kg	4.99	JS	03/10/2006 / 1:00	
Lead	6010B, SW-846	ND	mg/Kg	3.00	JS	03/10/2006 / 1:00	
Magnesium	6010B, SW-846	1660	mg/Kg	120	JS	03/10/2006 / 1:00	
Manganese	6010B, SW-846	111	mg/Kg	1.50	JS	03/10/2006 / 1:00	
Mercury	SW-846; 7471	ND	mg/Kg	0.0387	NAP	03/13/2006 / 10:15	
Nickel	6010B, SW-846	5.04	mg/Kg	3.99	JS	03/10/2006 / 1:00	
Vanadium	6010B, SW-846	7.46	mg/Kg	4.99	JS	03/10/2006 / 1:00	
Selenium	6010B, SW-846	ND	mg/Kg	2.00	JS	03/10/2006 / 1:00	
Potassium	6010B, SW-846	391	mg/Kg	150	JS	03/10/2006 / 1:00	
Silver	6010B, SW-846	ND	mg/Kg	0.50	JS	03/10/2006 / 1:00	



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00025

Sample: 007 BC-4 67-69
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Sodium	6010B, SW-846	ND	mg/Kg	150	JS	03/10/2006 / 1:00	
Thallium	6010B, SW-846	ND	mg/Kg	2.00	JS	03/10/2006 / 1:00	
Zinc	6010B, SW-846	15.4	mg/Kg	4.99	JS	03/10/2006 / 1:00	
Total Cyanide	SW9010	ND	mg/Kg	0.60	*PH	03/07/2006 / 11:17	
pH	4500-H-B SM 18TH, 1992	8.49	S.U.	0	PJS	03/08/2006 / 8:54	
Percent Solids		82.1	%		AM	03/08/2006 / 7:32	
PCB OIL/SOIL EXTRACTIONS		30.61			ADW	03/07/2006 / 16:06	
Flame/ICP Solid Digestion	EPA 3050B	81.9672			AM	03/07/2006 / 7:33	

- B1 Analyte was detected in the associated method blank. Analyte concentration in the sample is greater than 10x the concentration found in the method blank.
- J Estimated value. Analyte detected at a level less than the Practical Quantitation Limit (PQL) and greater than or equal to the Method Detection Limit (MDL).
- M1 The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
- M2 The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
- MHA Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).

*PH = Phoenix Environmental Laboratories (NELAP: 11301 MA: M-CT007)

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

Authorized By:


Robert Bell, Environmental Laboratory Manager

Date: 3.13.06

NOTE: All solid results are reported on a dry weight basis unless otherwise noted.

Certifications:

MA: MA069

NY: 10982

CT: PH0119

RI: A45

NJ: 59744

ND = Not Detected

PQL = Practical Quantitation Limit

Page: 41 of 41

NO POUCH NEEDED.
See back for peel and stick application instructions.

52 37

FedEx USA Airbill

Tracking Number 8455 4997 2234

Express

RECIPIENT: PEEL HERE

1 From This portion can be removed for Recipient's records.

Date 3/3/06 FedEx Tracking Number 845549972234

Sender's Name ERIC ACS Phone 908 707-8974

Company METCALF & EDDY INC

Address 1140 US HIGHWAY 22 # 101

City BRIDGEWATER State NJ ZIP 08807-2912

2 Your Internal Billing Reference

3 To Recipient's Name

Company HANSON SCIENTIFIC Phone 781-337-9334

Address 8 SCHOOL STREET

City WILMINGTON State MA ZIP 02189

Address We cannot deliver to P.O. boxes or F.D. ZIP codes.



0270344231

0215

Recipient's Copy

4a Express Package Service

☒ FedEx Priority Overnight ☐ FedEx Standard Overnight ☐ FedEx First Overnight

☐ FedEx 2Day ☐ FedEx Express Saver

4b Express Freight Service

☐ FedEx 1Day Freight ☐ FedEx 2Day Freight ☐ FedEx 3Day Freight

5 Packaging ☐ FedEx Envelope ☐ FedEx Pak ☐ Other

6 Special Handling ☒ Saturday Delivery ☐ Hold at FedEx Location ☐ Hold at FedEx Location

7 Payment ☒ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check

8 Release Signature ☐ Signature ☐ Signature

447

ALIGN OPEN END OF FEDEX AIRBILL POUCH HERE

CLIENT: <u>METCALF & EDDY</u>	WORKORDER: <u>0603-025</u>
CLIENTS JOB: <u>BAYSIDE PETROLEUM / Bushwick Inlet</u>	RECEIVED BY: <u>MP</u>
RECEIVED DATE: <u>3/6/06</u>	SHIPPING METHOD: <u>FedEx</u>
TEMP UPON RECEIPT: <u>2 °C</u>	

"No" responses must be explained in the comment section below.

Checklist	YES	NO	NA
Were custody seals on shipping container(s) intact? Check "NA" if no seals, or if containers were hand delivered.			X
Were Chain of Custody Forms included with the samples?	X		
Were Chain of Custody Forms properly filled out (ink, signed, etc.)	X		
Were all containers received in good condition (Check for breakage/leaks)?	X		
Were all containers labeled with required information (Sample Id, date, signed, analysis, preservation)?	X		
Were the correct containers used for the tests indicated?	X		
Were proper preservation techniques indicated?	X		
Were samples received within holding times? If "NO" nonconformance form is required.	X		
Were all VOA bottles checked for the presence of air bubbles? If bubbles were found please note in the comment section.			X
Were samples in direct contact with wet ice? If "NO" check one: <input type="checkbox"/> Blue Ice <input type="checkbox"/> No Ice	X		
Is sample temperature recorded? If "NO" check one: <input type="checkbox"/> Unable to record <input type="checkbox"/> Temp taken near samples	X		
Were pHs of samples checked and recorded on the COC forms?			X
Did the laboratory accept samples?	X		
Will samples be subcontracted? If "yes" list subcontractor and tests in specified sections below.		X	
Subcontractor: _____ Date Sent Out: _____			
Analyses Sent: _____			

Login Technician: <u>(MP)</u>	Login Review: _____
Comments: <u>NO SATURDAY LABELS on cooler!</u>	
<u>Cooler & Shipping Label checked off for SATURDAY</u>	
<u>Delivery: Samples Delivered to LAB Monday 3/6/06.</u>	
<u>Left voice message w/ Nelson re Monday delivery 3/6/06.</u>	



Please Reply To:

AmeriSci Boston
Eight School Street
Weymouth, MA 02189
TEL:(781)337-9334 FAX:(781)337-7642

FACSIMILE TELECOPY TRANSMISSION

To: Mr. Nelson Abrams
Metcalf & Eddy Associates

AmeriSci Job# 0603-00082
Subject: BAYSIDE PETROLEUM

Fax # 908-707-8894

Email: Nelson Abrams

Date: Friday, March 17, 2006

Time: 8:00:44PM

Comments:

This report consists of 162 pages, including:

Cover Page (Facsimile Telecopy Transmission)	<u>1</u>	pages
Laboratory Report	<u>58</u>	pages
Chain of Custody Record	<u>1</u>	pages
Air bill	<u>1</u>	pages
Sample Receiving Form	<u>1</u>	pages
Miscellaneous	<u>0</u>	pages

CONFIDENTIALITY NOTICE: Unless otherwise indicated, the information contained in this facsimile communication is confidential information intended for the use of the individual named above. If the reader of this communication is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is prohibited. If you have received this communication in error, please immediately notify the sender by telephone and return the original message to the above address via US Postal Service at our expense. Preliminary data reported here will be verified before final report is issued. Samples are disposed of in 60 days unless otherwise instructed by the protocol or special instructions in writing. Thank you.

Certified Analysis Service 24 Hours a Day - 7 Days a Week Competitive Prices
www.amerisci.com

Boston - Los Angeles - New York - Richmond



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

Laboratory Report

Report Date 03/17/2006
Workorder No. 0603-00082

Customer: Metcalf & Eddy Associates
1140 Route 22 East
Suite 101
Bridgewater, NJ 08807

Attention: Mr. Nelson Abrams

Subject: BAYSIDE PETROLEUM

Sample: 001 BC-5 17-19
Collection Date: 03/06/2006 Time: 11:15:00AM
Matrix: SOIL

Received Date: 03/11/2006 Time: 11:10:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
Chloromethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
Bromomethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
Chloroethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
Acrolein	EPA 8260B	ND	ug/Kg	53	MVP	03/16/2006 / 12:09	
Acetone	EPA 8260B	74	ug/Kg	53	MVP	03/16/2006 / 12:09	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
Iodomethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	53	MVP	03/16/2006 / 12:09	
Methylene Chloride	EPA 8260B	ND	ug/Kg	42	MVP	03/16/2006 / 12:09	
Acrylonitrile	EPA 8260B	ND	ug/Kg	53	MVP	03/16/2006 / 12:09	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	53	MVP	03/16/2006 / 12:09	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	53	MVP	03/16/2006 / 12:09	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
Chloroform	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
Bromochloromethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	

Sample: 001 BC-5 17-19
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
Benzene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
Trichloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	53	MVP	03/16/2006 / 12:09	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	53	MVP	03/16/2006 / 12:09	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
Toluene	EPA 8260B	2	ug/Kg	11	MVP	03/16/2006 / 12:09	J
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
Dibromomethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
2-Hexanone	EPA 8260B	ND	ug/Kg	53	MVP	03/16/2006 / 12:09	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
Chlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
Ethylbenzene	EPA 8260B	6	ug/Kg	11	MVP	03/16/2006 / 12:09	J
M & P XYLENE	EPA 8260B	16	ug/Kg	21	MVP	03/16/2006 / 12:09	J
O-XYLENE	EPA 8260B	10	ug/Kg	11	MVP	03/16/2006 / 12:09	J
Styrene	EPA 8260B	3	ug/Kg	11	MVP	03/16/2006 / 12:09	J
Bromoform	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
Isopropylbenzene	EPA 8260B	2	ug/Kg	11	MVP	03/16/2006 / 12:09	J
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
Bromobenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
1,3,5-Trimethylbenzene	EPA 8260B	19	ug/Kg	11	MVP	03/16/2006 / 12:09	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00082

Sample: 001 BC-5 17-19
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
1,2,4-Trimethylbenzene	EPA 8260B	41	ug/Kg	11	MVP	03/16/2006 / 12:09	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
4-Isopropyltoluene	EPA 8260B	9	ug/Kg	11	MVP	03/16/2006 / 12:09	J
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
Naphthalene	EPA 8260B	120000	ug/Kg	6100	MVP	03/17/2006 / 12:00	B
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 12:09	
DIBROMOFLUOROMETHANE (SURR)		100	%		MVP	03/16/2006 / 12:09	
TOLUENE-D8 (SURROGATE)		99.7	%		MVP	03/16/2006 / 12:09	
4-BROMOFLUOROBENZENE (SURR)		106	%		MVP	03/16/2006 / 12:09	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
Phenol	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
Hexachloroethane	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	2100	TLL	03/14/2006 / 12:11	
Nitrobenzene	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
Isophorone	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
2,4-Dimethylphenol	EPA 8270C	410	ug/Kg	1000	TLL	03/14/2006 / 12:11	J
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 3 of 58

Sample: 001 BC-5 17-19
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
Naphthalene	EPA 8270C	14000	ug/Kg	1000	TLL	03/14/2006 / 12:11	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
2-Methyl Naphthalene	EPA 8270C	4100	ug/Kg	1000	TLL	03/14/2006 / 12:11	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
Acenaphthylene	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
Acenaphthene	EPA 8270C	2300	ug/Kg	1000	TLL	03/14/2006 / 12:11	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
Dibenzofuran	EPA 8270C	2200	ug/Kg	1000	TLL	03/14/2006 / 12:11	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
Fluorene	EPA 8270C	2400	ug/Kg	1000	TLL	03/14/2006 / 12:11	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
Phenanthrene	EPA 8270C	5800	ug/Kg	1000	TLL	03/14/2006 / 12:11	
Anthracene	EPA 8270C	680	ug/Kg	1000	TLL	03/14/2006 / 12:11	J
Carbazole	EPA 8270C	9000	ug/Kg	1000	TLL	03/14/2006 / 12:11	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00082

Sample: 001 BC-5 17-19
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Fluoranthene	EPA 8270C	1300	ug/Kg	1000	TLL	03/14/2006 / 12:11	
Benizidine	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
Pyrene	EPA 8270C	940	ug/Kg	1000	TLL	03/14/2006 / 12:11	J
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
3,3'-Dichlorbenzidine	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
Benzo(a)anthracene	EPA 8270C	210	ug/Kg	1000	TLL	03/14/2006 / 12:11	J
Chrysene	EPA 8270C	210	ug/Kg	1000	TLL	03/14/2006 / 12:11	J
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	1000	TLL	03/14/2006 / 12:11	
2-FLUOROPHENOL (SURR)		66.7	%		TLL	03/14/2006 / 12:11	
PHENOL-D5 (SURR)		67.8	%		TLL	03/14/2006 / 12:11	
NITROBENZENE-D5 (SURR)		66.6	%		TLL	03/14/2006 / 12:11	
2-FLUOROBIPHENYL (SURR)		49.8	%		TLL	03/14/2006 / 12:11	
2,4,6-TRIBROMOPHENOL (SURR)		69.4	%		TLL	03/14/2006 / 12:11	
TERPHENYL-D14 (SURR)		46.2	%		TLL	03/14/2006 / 12:11	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	41	NAC	03/15/2006 / 10:26	
PCB-1221	EPA 8082	ND	ug/Kg	41	NAC	03/15/2006 / 10:26	
PCB-1232	EPA 8082	ND	ug/Kg	41	NAC	03/15/2006 / 10:26	
PCB-1242	EPA 8082	ND	ug/Kg	41	NAC	03/15/2006 / 10:26	
PCB-1248	EPA 8082	ND	ug/Kg	41	NAC	03/15/2006 / 10:26	
PCB-1254	EPA 8082	ND	ug/Kg	41	NAC	03/15/2006 / 10:26	
PCB-1260	EPA 8082	ND	ug/Kg	41	NAC	03/15/2006 / 10:26	
PCB-1262	EPA 8082	ND	ug/Kg	41	NAC	03/15/2006 / 10:26	
PCB-1268	EPA 8082	ND	ug/Kg	41	NAC	03/15/2006 / 10:26	
TCMX (SURROGATE)		141	%		NAC	03/15/2006 / 10:26	
DCB (SURROGATE)		82.4	%		NAC	03/15/2006 / 10:26	

Target Analyte List Metals

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 5 of 58



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00082

Sample: 001 BC-5 17-19
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Antimony	6010B, SW-846	ND	mg/Kg	2.01	JS	03/17/2006 / 16:38	
Aluminum	6010B, SW-846	9010	mg/Kg	20.1	JS	03/17/2006 / 16:38	
Arsenic	6010B, SW-846	5.80	mg/Kg	1.00	JS	03/17/2006 / 16:38	
Barium	6010B, SW-846	24.2	mg/Kg	3.0	JS	03/17/2006 / 16:38	
Beryllium	6010B, SW-846	0.403	mg/Kg	0.301	JS	03/17/2006 / 16:38	
Cadmium	6010B, SW-846	ND	mg/Kg	0.301	JS	03/17/2006 / 16:38	
Chromium	6010B, SW-846	16.4	mg/Kg	1.00	JS	03/17/2006 / 16:38	
Calcium	6010B, SW-846	54400	mg/Kg	150	JS	03/17/2006 / 16:38	
Iron	6010B, SW-846	16600	mg/Kg	10.0	JS	03/17/2006 / 16:38	B1
Cobalt	6010B, SW-846	5.91	mg/Kg	5.01	JS	03/17/2006 / 16:38	
Copper	6010B, SW-846	13.3	mg/Kg	5.01	JS	03/17/2006 / 16:38	
Lead	6010B, SW-846	16.2	mg/Kg	3.01	JS	03/17/2006 / 16:38	
Magnesium	6010B, SW-846	3860	mg/Kg	120	JS	03/17/2006 / 16:38	
Manganese	6010B, SW-846	218	mg/Kg	1.50	JS	03/17/2006 / 16:38	
Mercury	SW-846; 7471	0.158	mg/Kg	0.0409	NAP	03/15/2006 / 8:21	
Nickel	6010B, SW-846	15.4	mg/Kg	4.01	JS	03/17/2006 / 16:38	
Vanadium	6010B, SW-846	19.2	mg/Kg	5.01	JS	03/17/2006 / 16:38	
Selenium	6010B, SW-846	2.19	mg/Kg	2.01	JS	03/17/2006 / 16:38	
Potassium	6010B, SW-846	1920	mg/Kg	150	JS	03/17/2006 / 16:38	
Silver	6010B, SW-846	ND	mg/Kg	0.50	JS	03/17/2006 / 16:38	
Sodium	6010B, SW-846	1070	mg/Kg	150	JS	03/17/2006 / 16:38	
Thallium	6010B, SW-846	ND	mg/Kg	2.01	JS	03/17/2006 / 16:38	
Zinc	6010B, SW-846	44.1	mg/Kg	5.01	JS	03/17/2006 / 16:38	
Total Cyanide	SW9010	ND	mg/Kg	0.63	*PH	03/14/2006 / 17:06	
Percent Solids		79.8	%		TLL	03/13/2006 / 7:15	
PCB OIL/SOIL EXTRACTIONS		30.26			ADW	03/14/2006 / 17:37	
Flame/ICP Solid Digestion	EPA 3050B	88.4956			SEF	03/13/2006 / 16:15	

Sample: 002 BCS-5 40-42
Collection Date: 03/06/2006 Time: 11:00:00AM
Matrix: SOIL

Received Date: 03/11/2006 Time: 11:10:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected

PQL= Practical Quantitation Limit

Page: 6 of 58



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00082

Sample: 002 BCS-5 40-42
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
Chloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
Bromomethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
Chloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
Acrolein	EPA 8260B	ND	ug/Kg	48	MVP	03/16/2006 / 12:39	
Acetone	EPA 8260B	38	ug/Kg	48	MVP	03/16/2006 / 12:39	J
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
Iodomethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	48	MVP	03/16/2006 / 12:39	
Methylene Chloride	EPA 8260B	ND	ug/Kg	39	MVP	03/16/2006 / 12:39	
Acrylonitrile	EPA 8260B	ND	ug/Kg	48	MVP	03/16/2006 / 12:39	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	48	MVP	03/16/2006 / 12:39	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	48	MVP	03/16/2006 / 12:39	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
Chloroform	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
Bromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
Benzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
Trichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	48	MVP	03/16/2006 / 12:39	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	48	MVP	03/16/2006 / 12:39	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
Toluene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 7 of 58

Sample: 002 BCS-5 40-42
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Bromodichloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
Dibromomethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
2-Hexanone	EPA 8260B	ND	ug/Kg	48	MVP	03/16/2006 / 12:39	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
Chlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
Ethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
M & P XYLENE	EPA 8260B	ND	ug/Kg	19	MVP	03/16/2006 / 12:39	
O-XYLENE	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
Styrene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
Bromoform	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
Bromobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00082

Sample: 002 BCS-5 40-42
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
Naphthalene	EPA 8260B	6	ug/Kg	13	MVP	03/16/2006 / 17:16	J,B
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 12:39	
DIBROMOFLUOROMETHANE (SURR)		92.4	%		MVP	03/16/2006 / 17:16	
TOLUENE-D8 (SURROGATE)		97.0	%		MVP	03/16/2006 / 17:16	
4-BROMOFLUOROBENZENE (SURR)		103	%		MVP	03/16/2006 / 17:16	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
Phenol	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
Hexachloroethane	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	400	TLL	03/14/2006 / 19:46	
Nitrobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
Isophorone	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
Naphthalene	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 9 of 58

Sample: 002 BCS-5 40-42
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
Acenaphthylene	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
Acenaphthene	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
Dibenzofuran	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
Fluorene	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
Phenanthrene	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
Anthracene	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
Carbazole	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
Fluoranthene	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
Benzidine	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
Pyrene	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
Chrysene	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00082

Sample: 002 BCS-5 40-42
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	200	TLL	03/14/2006 / 19:46	
2-FLUOROPHENOL (SURR)		63.1	%		TLL	03/14/2006 / 19:46	
PHENOL-D5 (SURR)		60.6	%		TLL	03/14/2006 / 19:46	
NITROBENZENE-D5 (SURR)		65.3	%		TLL	03/14/2006 / 19:46	
2-FLUOROBIPHENYL (SURR)		56.3	%		TLL	03/14/2006 / 19:46	
2,4,6-TRIBROMOPHENOL (SURR)		67.5	%		TLL	03/14/2006 / 19:46	
TERPHENYL-D14 (SURR)		60.1	%		TLL	03/14/2006 / 19:46	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	40	NAC	03/15/2006 / :44	
PCB-1221	EPA 8082	ND	ug/Kg	40	NAC	03/15/2006 / :44	
PCB-1232	EPA 8082	ND	ug/Kg	40	NAC	03/15/2006 / :44	
PCB-1242	EPA 8082	ND	ug/Kg	40	NAC	03/15/2006 / :44	
PCB-1248	EPA 8082	ND	ug/Kg	40	NAC	03/15/2006 / :44	
PCB-1254	EPA 8082	ND	ug/Kg	40	NAC	03/15/2006 / :44	
PCB-1260	EPA 8082	ND	ug/Kg	40	NAC	03/15/2006 / :44	
PCB-1262	EPA 8082	ND	ug/Kg	40	NAC	03/15/2006 / :44	
PCB-1268	EPA 8082	ND	ug/Kg	40	NAC	03/15/2006 / :44	
TCMX (SURROGATE)		121	%		NAC	03/15/2006 / :44	
DCB (SURROGATE)		129	%		NAC	03/15/2006 / :44	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.33	JS	03/17/2006 / 16:38	
Aluminum	6010B, SW-846	10800	mg/Kg	23.3	JS	03/17/2006 / 16:38	
Arsenic	6010B, SW-846	2.84	mg/Kg	1.17	JS	03/17/2006 / 16:38	
Barium	6010B, SW-846	56.8	mg/Kg	3.5	JS	03/17/2006 / 16:38	
Beryllium	6010B, SW-846	0.678	mg/Kg	0.350	JS	03/17/2006 / 16:38	
Cadmium	6010B, SW-846	ND	mg/Kg	0.350	JS	03/17/2006 / 16:38	
Chromium	6010B, SW-846	26.6	mg/Kg	1.17	JS	03/17/2006 / 16:38	
Calcium	6010B, SW-846	1760	mg/Kg	175	JS	03/17/2006 / 16:38	
Iron	6010B, SW-846	27400	mg/Kg	11.7	JS	03/17/2006 / 16:38	B1
Cobalt	6010B, SW-846	11.2	mg/Kg	5.83	JS	03/17/2006 / 16:38	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected

PQL= Practical Quantitation Limit

Page: 11 of 58



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00082

Sample: 002 BCS-5 40-42
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Copper	6010B, SW-846	20.4	mg/Kg	5.83	JS	03/17/2006 / 16:38	
Lead	6010B, SW-846	11.7	mg/Kg	3.50	JS	03/17/2006 / 16:38	
Magnesium	6010B, SW-846	3400	mg/Kg	140	JS	03/17/2006 / 16:38	
Manganese	6010B, SW-846	517	mg/Kg	1.75	JS	03/17/2006 / 16:38	
Mercury	SW-846; 7471	ND	mg/Kg	0.0404	NAP	03/15/2006 / 8:21	
Nickel	6010B, SW-846	18.3	mg/Kg	4.67	JS	03/17/2006 / 16:38	
Vanadium	6010B, SW-846	33.6	mg/Kg	5.83	JS	03/17/2006 / 16:38	
Selenium	6010B, SW-846	3.15	mg/Kg	2.33	JS	03/17/2006 / 16:38	
Potassium	6010B, SW-846	1790	mg/Kg	175	JS	03/17/2006 / 16:38	
Silver	6010B, SW-846	ND	mg/Kg	0.58	JS	03/17/2006 / 16:38	
Sodium	6010B, SW-846	689	mg/Kg	175	JS	03/17/2006 / 16:38	
Thallium	6010B, SW-846	ND	mg/Kg	2.33	JS	03/17/2006 / 16:38	
Zinc	6010B, SW-846	47.6	mg/Kg	5.83	JS	03/17/2006 / 16:38	
Total Cyanide	SW9010	9.0	mg/Kg	0.62	*PH	03/14/2006 / 17:06	
Percent Solids		82.4	%		TLL	03/13/2006 / 7:15	
PCB OIL/SOIL EXTRACTIONS		30.15			ADW	03/14/2006 / 17:37	
Flame/ICP Solid Digestion	EPA 3050B	87.7193			SEF	03/13/2006 / 16:15	

Sample: 003 BCS-6 10-12
Collection Date: 03/06/2006 Time: 1:45:00PM
Matrix: SOIL

Received Date: 03/11/2006 Time: 11:10:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
Chloromethane	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
Bromomethane	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
Chloroethane	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
Acrolein	EPA 8260B	ND	ug/Kg	120	MVP	03/16/2006 / 17:47	
Acetone	EPA 8260B	760	ug/Kg	120	MVP	03/16/2006 / 17:47	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
Iodomethane	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00082

Sample: 003 BCS-6 10-12
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Carbon Disulfide	EPA 8260B	63	ug/Kg	120	MVP	03/16/2006 / 17:47	J
Methylene Chloride	EPA 8260B	ND	ug/Kg	99	MVP	03/16/2006 / 17:47	
Acrylonitrile	EPA 8260B	ND	ug/Kg	120	MVP	03/16/2006 / 17:47	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	120	MVP	03/16/2006 / 17:47	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	120	MVP	03/16/2006 / 17:47	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
Chloroform	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
Bromochloromethane	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
Benzene	EPA 8260B	14	ug/Kg	25	MVP	03/16/2006 / 17:47	J
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
Trichloroethylene	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	120	MVP	03/16/2006 / 17:47	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	120	MVP	03/16/2006 / 17:47	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
Toluene	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
Dibromomethane	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
2-Hexanone	EPA 8260B	ND	ug/Kg	120	MVP	03/16/2006 / 17:47	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
Chlorobenzene	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00082

Sample: 003 BCS-6 10-12
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Ethylbenzene	EPA 8260B	36	ug/Kg	25	MVP	03/16/2006 / 17:47	
M & P XYLENE	EPA 8260B	98	ug/Kg	50	MVP	03/16/2006 / 17:47	
O-XYLENE	EPA 8260B	48	ug/Kg	25	MVP	03/16/2006 / 17:47	
Styrene	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
Bromoform	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
Isopropylbenzene	EPA 8260B	66	ug/Kg	25	MVP	03/16/2006 / 17:47	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
n-Propylbenzene	EPA 8260B	57	ug/Kg	25	MVP	03/16/2006 / 17:47	
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
Bromobenzene	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
1,3,5-Trimethylbenzene	EPA 8260B	380	ug/Kg	25	MVP	03/16/2006 / 17:47	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
1,2,4-Trimethylbenzene	EPA 8260B	530	ug/Kg	25	MVP	03/16/2006 / 17:47	
sec-Butylbenzene	EPA 8260B	58	ug/Kg	25	MVP	03/16/2006 / 17:47	
4-Isopropyltoluene	EPA 8260B	110	ug/Kg	25	MVP	03/16/2006 / 17:47	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
n-Butylbenzene	EPA 8260B	48	ug/Kg	25	MVP	03/16/2006 / 17:47	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
Naphthalene	EPA 8260B	160	ug/Kg	25	MVP	03/16/2006 / 17:47	B
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	25	MVP	03/16/2006 / 17:47	
DIBROMOFLUOROMETHANE (SURR)		109	%		MVP	03/16/2006 / 17:47	
TOLUENE-D8 (SURROGATE)		89.9	%		MVP	03/16/2006 / 17:47	
4-BROMOFLUOROBENZENE (SURR)		95.0	%		MVP	03/16/2006 / 17:47	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
Phenol	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 14 of 58

Sample: 003 BCS-6 10-12
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2-Chlorophenol	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
Hexachloroethane	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	4700	TLL	03/14/2006 / 17:52	
Nitrobenzene	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
Isophorone	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
Naphthalene	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
2-Methyl Naphthalene	EPA 8270C	980	ug/Kg	2300	TLL	03/14/2006 / 17:52	J
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
Acenaphthylene	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
Acenaphthene	EPA 8270C	530	ug/Kg	2300	TLL	03/14/2006 / 17:52	J
3-Nitroaniline	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
Dibenzofuran	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00082

Sample: 003 BCS-6 10-12
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
4-Nitrophenol	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
Fluorene	EPA 8270C	890	ug/Kg	2300	TLL	03/14/2006 / 17:52	J
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
Phenanthrene	EPA 8270C	4800	ug/Kg	2300	TLL	03/14/2006 / 17:52	
Anthracene	EPA 8270C	1400	ug/Kg	2300	TLL	03/14/2006 / 17:52	J
Carbazole	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
Fluoranthene	EPA 8270C	6000	ug/Kg	2300	TLL	03/14/2006 / 17:52	
Benztidine	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
Pyrene	EPA 8270C	5900	ug/Kg	2300	TLL	03/14/2006 / 17:52	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
3,3'-Dichlorbenztidine	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
Benzo(a)anthracene	EPA 8270C	2100	ug/Kg	2300	TLL	03/14/2006 / 17:52	J
Chrysene	EPA 8270C	2300	ug/Kg	2300	TLL	03/14/2006 / 17:52	J
bis(2-Ethylhexyl)phthalate	EPA 8270C	6700	ug/Kg	2300	TLL	03/14/2006 / 17:52	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
Benzo(b)fluoranthene	EPA 8270C	1500	ug/Kg	2300	TLL	03/14/2006 / 17:52	J
Benzo(k)fluoranthene	EPA 8270C	1300	ug/Kg	2300	TLL	03/14/2006 / 17:52	J
Benzo(a)pyrene	EPA 8270C	1500	ug/Kg	2300	TLL	03/14/2006 / 17:52	J
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	2300	TLL	03/14/2006 / 17:52	
Benzo (g,h,i) perylene	EPA 8270C	660	ug/Kg	2300	TLL	03/14/2006 / 17:52	J
2-FLUOROPHENOL (SURR)		42.1	%		TLL	03/14/2006 / 17:52	
PHENOL-D5 (SURR)		50.8	%		TLL	03/14/2006 / 17:52	
NITROBENZENE-D5 (SURR)		53.9	%		TLL	03/14/2006 / 17:52	
2-FLUOROBIPHENYL (SURR)		59.3	%		TLL	03/14/2006 / 17:52	
2,4,6-TRIBROMOPHENOL (SURR)		82.6	%		TLL	03/14/2006 / 17:52	

Sample: 003 BCS-6 10-12

(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TERPHENYL-D14 (SURR)		81.7	%		TLL	03/14/2006 / 17:52	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	93	NAC	03/15/2006 / :41	
PCB-1221	EPA 8082	ND	ug/Kg	93	NAC	03/15/2006 / :41	
PCB-1232	EPA 8082	ND	ug/Kg	93	NAC	03/15/2006 / :41	
PCB-1242	EPA 8082	ND	ug/Kg	93	NAC	03/15/2006 / :41	
PCB-1248	EPA 8082	ND	ug/Kg	93	NAC	03/15/2006 / :41	
PCB-1254	EPA 8082	ND	ug/Kg	93	NAC	03/15/2006 / :41	
PCB-1260	EPA 8082	470	ug/Kg	93	NAC	03/15/2006 / :41	R10
PCB-1262	EPA 8082	ND	ug/Kg	93	NAC	03/15/2006 / :41	
PCB-1268	EPA 8082	ND	ug/Kg	93	NAC	03/15/2006 / :41	
TCMX (SURROGATE)		58.0	%		NAC	03/15/2006 / :41	
DCB (SURROGATE)		55.5	%		NAC	03/15/2006 / :41	
Target Analyte List Metals							
Antimony	6010B, SW-846	6.37	mg/Kg	5.23	JS	03/17/2006 / 16:38	
Aluminum	6010B, SW-846	16700	mg/Kg	52.3	JS	03/17/2006 / 16:38	
Arsenic	6010B, SW-846	44.9	mg/Kg	2.62	JS	03/17/2006 / 16:38	
Barium	6010B, SW-846	736	mg/Kg	7.8	JS	03/17/2006 / 16:38	
Beryllium	6010B, SW-846	0.989	mg/Kg	0.785	JS	03/17/2006 / 16:38	
Cadmium	6010B, SW-846	20.7	mg/Kg	0.785	JS	03/17/2006 / 16:38	
Chromium	6010B, SW-846	701	mg/Kg	2.62	JS	03/17/2006 / 16:38	
Calcium	6010B, SW-846	10100	mg/Kg	392	JS	03/17/2006 / 16:38	
Iron	6010B, SW-846	39200	mg/Kg	26.2	JS	03/17/2006 / 16:38	B1
Cobalt	6010B, SW-846	13.7	mg/Kg	13.1	JS	03/17/2006 / 16:38	
Copper	6010B, SW-846	613	mg/Kg	13.1	JS	03/17/2006 / 16:38	
Lead	6010B, SW-846	1640	mg/Kg	7.85	JS	03/17/2006 / 16:38	
Magnesium	6010B, SW-846	8020	mg/Kg	314	JS	03/17/2006 / 16:38	
Manganese	6010B, SW-846	396	mg/Kg	3.92	JS	03/17/2006 / 16:38	
Mercury	SW-846; 7471	5.12	mg/Kg	0.188	NAP	03/15/2006 / 8:21	
Nickel	6010B, SW-846	114	mg/Kg	10.5	JS	03/17/2006 / 16:38	
Vanadium	6010B, SW-846	117	mg/Kg	13.1	JS	03/17/2006 / 16:38	
Selenium	6010B, SW-846	6.49	mg/Kg	5.23	JS	03/17/2006 / 16:38	
Potassium	6010B, SW-846	4190	mg/Kg	392	JS	03/17/2006 / 16:38	
Silver	6010B, SW-846	19.5	mg/Kg	1.3	JS	03/17/2006 / 16:38	

Sample: 003 BCS-6 10-12
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Sodium	6010B, SW-846	10900	mg/Kg	392	JS	03/17/2006 / 16:38	
Thallium	6010B, SW-846	ND	mg/Kg	5.23	JS	03/17/2006 / 16:38	
Zinc	6010B, SW-846	1000	mg/Kg	13.1	JS	03/17/2006 / 16:38	
Total Cyanide	SW9010	38	mg/Kg	1.4	*PH	03/14/2006 / 17:06	
Percent Solids		35.4	%		TLL	03/13/2006 / 7:15	
PCB OIL/SOIL EXTRACTIONS		30.41			ADW	03/14/2006 / 17:37	
Flame/ICP Solid Digestion	EPA 3050B	100.0000			SEF	03/13/2006 / 16:15	

Sample: 004 BC-5 55-57
Collection Date: 03/07/2006 Time: 10:15:00AM
Matrix: SOIL

Received Date: 03/11/2006 Time: 11:10:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
Chloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
Bromomethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
Chloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
Acrolein	EPA 8260B	ND	ug/Kg	50	MVP	03/16/2006 / 18:18	
Acetone	EPA 8260B	ND	ug/Kg	50	MVP	03/16/2006 / 18:18	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
Iodomethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	50	MVP	03/16/2006 / 18:18	
Methylene Chloride	EPA 8260B	ND	ug/Kg	40	MVP	03/16/2006 / 18:18	
Acrylonitrile	EPA 8260B	ND	ug/Kg	50	MVP	03/16/2006 / 18:18	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	50	MVP	03/16/2006 / 18:18	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	50	MVP	03/16/2006 / 18:18	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00082

Sample: 004 BC-5 55-57
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Chloroform	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
Bromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
Benzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
Trichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	50	MVP	03/16/2006 / 18:18	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	50	MVP	03/16/2006 / 18:18	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
Toluene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
Dibromomethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
2-Hexanone	EPA 8260B	ND	ug/Kg	50	MVP	03/16/2006 / 18:18	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
Chlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
Ethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
M & P XYLENE	EPA 8260B	ND	ug/Kg	20	MVP	03/16/2006 / 18:18	
O-XYLENE	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
Styrene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
Bromoform	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected

PQL= Practical Quantitation Limit

Page: 19 of 58



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00082

Sample: 004 BC-5 55-57
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Bromobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
Naphthalene	EPA 8260B	69	ug/Kg	10	MVP	03/16/2006 / 18:18	B
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 18:18	
DIBROMOFLUOROMETHANE (SURR)		99.1	%		MVP	03/16/2006 / 18:18	
TOLUENE-D8 (SURROGATE)		97.8	%		MVP	03/16/2006 / 18:18	
4-BROMOFLUOROBENZENE (SURR)		102	%		MVP	03/16/2006 / 18:18	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
Phenol	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
Hexachloroethane	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	380	TLL	03/14/2006 / 20:23	
Nitrobenzene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	

Certifications: MA: MA069 NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL = Practical Quantitation Limit

Page: 20 of 58



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00082

Sample: 004 BC-5 55-57
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Isophorone	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
Naphthalene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
Acenaphthylene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
Acenaphthene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
Dibenzofuran	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
Fluorene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 21 of 58



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00082

Sample: 004 BC-5 55-57
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Phenanthrene	EPA 8270C	60	ug/Kg	190	TLL	03/14/2006 / 20:23	J
Anthracene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
Carbazole	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
Fluoranthene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
Benzidine	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
Pyrene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
Chrysene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 20:23	
2-FLUOROPHENOL (SURR)		63.5	%		TLL	03/14/2006 / 20:23	
PHENOL-D5 (SURR)		61.0	%		TLL	03/14/2006 / 20:23	
NITROBENZENE-D5 (SURR)		66.7	%		TLL	03/14/2006 / 20:23	
2-FLUOROBIPHENYL (SURR)		67.6	%		TLL	03/14/2006 / 20:23	
2,4,6-TRIBROMOPHENOL (SURR)		66.2	%		TLL	03/14/2006 / 20:23	
TERPHENYL-D14 (SURR)		82.6	%		TLL	03/14/2006 / 20:23	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	39	NAC	03/15/2006 / :36	
PCB-1221	EPA 8082	ND	ug/Kg	39	NAC	03/15/2006 / :36	
PCB-1232	EPA 8082	ND	ug/Kg	39	NAC	03/15/2006 / :36	
PCB-1242	EPA 8082	ND	ug/Kg	39	NAC	03/15/2006 / :36	
PCB-1248	EPA 8082	ND	ug/Kg	39	NAC	03/15/2006 / :36	
PCB-1254	EPA 8082	ND	ug/Kg	39	NAC	03/15/2006 / :36	
PCB-1260	EPA 8082	ND	ug/Kg	39	NAC	03/15/2006 / :36	
PCB-1262	EPA 8082	ND	ug/Kg	39	NAC	03/15/2006 / :36	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 22 of 58



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00082

Sample: 004 BC-5 55-57
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-1268	EPA 8082	ND	ug/Kg	39	NAC	03/15/2006 / :36	
TCMX (SURROGATE)		102	%		NAC	03/15/2006 / :36	
DCB (SURROGATE)		120	%		NAC	03/15/2006 / :36	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.02	JS	03/17/2006 / 16:38	
Aluminum	6010B, SW-846	2610	mg/Kg	20.2	JS	03/17/2006 / 16:38	
Arsenic	6010B, SW-846	1.39	mg/Kg	1.01	JS	03/17/2006 / 16:38	
Barium	6010B, SW-846	17.2	mg/Kg	3.0	JS	03/17/2006 / 16:38	
Beryllium	6010B, SW-846	ND	mg/Kg	0.302	JS	03/17/2006 / 16:38	
Cadmium	6010B, SW-846	ND	mg/Kg	0.302	JS	03/17/2006 / 16:38	
Chromium	6010B, SW-846	10.4	mg/Kg	1.01	JS	03/17/2006 / 16:38	
Calcium	6010B, SW-846	1810	mg/Kg	151	JS	03/17/2006 / 16:38	
Iron	6010B, SW-846	14200	mg/Kg	10.1	JS	03/17/2006 / 16:38	B1
Cobalt	6010B, SW-846	ND	mg/Kg	5.04	JS	03/17/2006 / 16:38	
Copper	6010B, SW-846	9.03	mg/Kg	5.04	JS	03/17/2006 / 16:38	
Lead	6010B, SW-846	3.62	mg/Kg	3.02	JS	03/17/2006 / 16:38	
Magnesium	6010B, SW-846	1490	mg/Kg	121	JS	03/17/2006 / 16:38	
Manganese	6010B, SW-846	179	mg/Kg	1.51	JS	03/17/2006 / 16:38	
Mercury	SW-846; 7471	ND	mg/Kg	0.0385	NAP	03/15/2006 / 8:21	
Nickel	6010B, SW-846	6.91	mg/Kg	4.03	JS	03/17/2006 / 16:38	
Vanadium	6010B, SW-846	17.1	mg/Kg	5.04	JS	03/17/2006 / 16:38	
Selenium	6010B, SW-846	ND	mg/Kg	2.02	JS	03/17/2006 / 16:38	
Potassium	6010B, SW-846	434	mg/Kg	151	JS	03/17/2006 / 16:38	
Silver	6010B, SW-846	ND	mg/Kg	0.50	JS	03/17/2006 / 16:38	
Sodium	6010B, SW-846	ND	mg/Kg	151	JS	03/17/2006 / 16:38	
Thallium	6010B, SW-846	ND	mg/Kg	2.02	JS	03/17/2006 / 16:38	
Zinc	6010B, SW-846	25.3	mg/Kg	5.04	JS	03/17/2006 / 16:38	
Total Cyanide	SW9010	ND	mg/Kg	0.58	*PH	03/15/2006 / 17:06	
Percent Solids		85.5	%		TLL	03/13/2006 / 7:15	
PCB OIL/SOIL EXTRACTIONS		30.30			ADW	03/14/2006 / 17:37	
Flame/ICP Solid Digestion	EPA 3050B	100.0000			SEF	03/13/2006 / 16:15	

Sample: 005 BC-6 19-21

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 23 of 58



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00082

Sample: 005 BC-6 19-21
(Continued)

Collection Date: 03/08/2006 Time: 11:15:00AM

Received Date: 03/11/2006 Time: 11:10:00AM

Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
Chloromethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
Bromomethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
Chloroethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
Acrolein	EPA 8260B	ND	ug/Kg	55	MVP	03/16/2006 / 18:48	
Acetone	EPA 8260B	ND	ug/Kg	55	MVP	03/16/2006 / 18:48	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
Iodomethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	55	MVP	03/16/2006 / 18:48	
Methylene Chloride	EPA 8260B	ND	ug/Kg	44	MVP	03/16/2006 / 18:48	
Acrylonitrile	EPA 8260B	ND	ug/Kg	55	MVP	03/16/2006 / 18:48	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	55	MVP	03/16/2006 / 18:48	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	55	MVP	03/16/2006 / 18:48	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
Chloroform	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
Bromochloromethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
Benzene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
Trichloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	55	MVP	03/16/2006 / 18:48	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	55	MVP	03/16/2006 / 18:48	

Certifications: MA: MA069 NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 24 of 58



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00082

Sample: 005 BC-6 19-21
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
Toluene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
Dibromomethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
2-Hexanone	EPA 8260B	ND	ug/Kg	55	MVP	03/16/2006 / 18:48	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
Chlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
Ethylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
M & P XYLENE	EPA 8260B	ND	ug/Kg	22	MVP	03/16/2006 / 18:48	
O-XYLENE	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
Styrene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
Bromoform	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
Bromobenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 25 of 58



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00082

Sample: 005 BC-6 19-21
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
Naphthalene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 18:48	
DIBROMOFLUOROMETHANE (SURR)		96.3	%		MVP	03/16/2006 / 18:48	
TOLUENE-D8 (SURROGATE)		96.2	%		MVP	03/16/2006 / 18:48	
4-BROMOFLUOROBENZENE (SURR)		98.5	%		MVP	03/16/2006 / 18:48	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
Phenol	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
Hexachloroethane	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	450	TLL	03/14/2006 / 21:01	
Nitrobenzene	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
Isophorone	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
Naphthalene	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 26 of 58

Sample: 005 BC-6 19-21
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
Acenaphthylene	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
Acenaphthene	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
Dibenzofuran	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
Fluorene	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
Phenanthrene	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
Anthracene	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
Carbazole	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
Fluoranthene	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
Benzidine	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
Pyrene	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
Chrysene	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00082

Sample: 005 BC-6 19-21
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	230	TLL	03/14/2006 / 21:01	
2-FLUOROPHENOL (SURR)		60.3	%		TLL	03/14/2006 / 21:01	
PHENOL-D5 (SURR)		57.7	%		TLL	03/14/2006 / 21:01	
NITROBENZENE-D5 (SURR)		61.4	%		TLL	03/14/2006 / 21:01	
2-FLUOROBIPHENYL (SURR)		52.6	%		TLL	03/14/2006 / 21:01	
2,4,6-TRIBROMOPHENOL (SURR)		65.9	%		TLL	03/14/2006 / 21:01	
TERPHENYL-D14 (SURR)		53.1	%		TLL	03/14/2006 / 21:01	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	46	NAC	03/15/2006 / 12:40	
PCB-1221	EPA 8082	ND	ug/Kg	46	NAC	03/15/2006 / 12:40	
PCB-1232	EPA 8082	ND	ug/Kg	46	NAC	03/15/2006 / 12:40	
PCB-1242	EPA 8082	ND	ug/Kg	46	NAC	03/15/2006 / 12:40	
PCB-1248	EPA 8082	ND	ug/Kg	46	NAC	03/15/2006 / 12:40	
PCB-1254	EPA 8082	ND	ug/Kg	46	NAC	03/15/2006 / 12:40	
PCB-1260	EPA 8082	ND	ug/Kg	46	NAC	03/15/2006 / 12:40	
PCB-1262	EPA 8082	ND	ug/Kg	46	NAC	03/15/2006 / 12:40	
PCB-1268	EPA 8082	ND	ug/Kg	46	NAC	03/15/2006 / 12:40	
TCMX (SURROGATE)		64.8	%		NAC	03/15/2006 / 12:40	
DCB (SURROGATE)		62.0	%		NAC	03/15/2006 / 12:40	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.18	JS	03/17/2006 / 16:38	
Aluminum	6010B, SW-846	12900	mg/Kg	21.8	JS	03/17/2006 / 16:38	
Arsenic	6010B, SW-846	6.17	mg/Kg	1.09	JS	03/17/2006 / 16:38	
Barium	6010B, SW-846	30.7	mg/Kg	3.3	JS	03/17/2006 / 16:38	
Beryllium	6010B, SW-846	0.576	mg/Kg	0.327	JS	03/17/2006 / 16:38	
Cadmium	6010B, SW-846	ND	mg/Kg	0.327	JS	03/17/2006 / 16:38	
Chromium	6010B, SW-846	25.1	mg/Kg	1.09	JS	03/17/2006 / 16:38	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 28 of 58

Sample: 005 BC-6 19-21
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Calcium	6010B, SW-846	1990	mg/Kg	163	JS	03/17/2006 / 16:38	
Iron	6010B, SW-846	23900	mg/Kg	10.9	JS	03/17/2006 / 16:38	B1
Cobalt	6010B, SW-846	8.60	mg/Kg	5.44	JS	03/17/2006 / 16:38	
Copper	6010B, SW-846	11.7	mg/Kg	5.44	JS	03/17/2006 / 16:38	
Lead	6010B, SW-846	9.25	mg/Kg	3.27	JS	03/17/2006 / 16:38	
Magnesium	6010B, SW-846	6210	mg/Kg	131	JS	03/17/2006 / 16:38	
Manganese	6010B, SW-846	382	mg/Kg	1.63	JS	03/17/2006 / 16:38	
Mercury	SW-846; 7471	ND	mg/Kg	0.0460	NAP	03/15/2006 / 8:21	
Nickel	6010B, SW-846	22.3	mg/Kg	4.36	JS	03/17/2006 / 16:38	
Vanadium	6010B, SW-846	28.8	mg/Kg	5.44	JS	03/17/2006 / 16:38	
Selenium	6010B, SW-846	2.86	mg/Kg	2.18	JS	03/17/2006 / 16:38	
Potassium	6010B, SW-846	2970	mg/Kg	163	JS	03/17/2006 / 16:38	
Silver	6010B, SW-846	ND	mg/Kg	0.54	JS	03/17/2006 / 16:38	
Sodium	6010B, SW-846	1780	mg/Kg	163	JS	03/17/2006 / 16:38	
Thallium	6010B, SW-846	ND	mg/Kg	2.18	JS	03/17/2006 / 16:38	
Zinc	6010B, SW-846	56.5	mg/Kg	5.44	JS	03/17/2006 / 16:38	
Total Cyanide	SW9010	ND	mg/Kg	0.68	*PH	03/15/2006 / 17:06	
Percent Solids		71.2	%		TLL	03/13/2006 / 7:15	
PCB OIL/SOIL EXTRACTIONS		30.61			ADW	03/14/2006 / 17:37	
Flame/ICP Solid Digestion	EPA 3050B	96.1538			SEF	03/13/2006 / 16:15	

Sample: 006 BC-6 60-62
Collection Date: 03/09/2006 Time: 9:30:00AM
Matrix: SOIL

Received Date: 03/11/2006 Time: 11:10:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
Chloromethane	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
Bromomethane	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
Chloroethane	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
Acrolein	EPA 8260B	ND	ug/Kg	44	MVP	03/16/2006 / 14:42	



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00082

Sample: 006 BC-6 60-62
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Acetone	EPA 8260B	ND	ug/Kg	44	MVP	03/16/2006 / 14:42	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
Iodomethane	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	44	MVP	03/16/2006 / 14:42	
Methylene Chloride	EPA 8260B	ND	ug/Kg	35	MVP	03/16/2006 / 14:42	
Acrylonitrile	EPA 8260B	ND	ug/Kg	44	MVP	03/16/2006 / 14:42	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	44	MVP	03/16/2006 / 14:42	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	44	MVP	03/16/2006 / 14:42	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
Chloroform	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
Bromochloromethane	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
Benzene	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
Trichloroethylene	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	44	MVP	03/16/2006 / 14:42	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	44	MVP	03/16/2006 / 14:42	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
Toluene	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
Dibromomethane	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
2-Hexanone	EPA 8260B	47	ug/Kg	44	MVP	03/16/2006 / 14:42	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 30 of 58



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00082

Sample: 006 BC-6 60-62
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Dibromochloromethane	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
Chlorobenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
Ethylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
M & P XYLENE	EPA 8260B	ND	ug/Kg	18	MVP	03/16/2006 / 14:42	
O-XYLENE	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
Styrene	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
Bromoform	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
Bromobenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
Naphthalene	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/16/2006 / 14:42	
DIBROMOFLUOROMETHANE (SURR)		105	%		MVP	03/16/2006 / 14:42	
TOLUENE-D8 (SURROGATE)		94.8	%		MVP	03/16/2006 / 14:42	
4-BROMOFLUOROBENZENE (SURR)		101	%		MVP	03/16/2006 / 14:42	
B/NA Extractables Soil							

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 31 of

58



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00082

Sample: 006 BC-6 60-62
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
Phenol	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
Hexachloroethane	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	360	TLL	03/14/2006 / 21:39	
Nitrobenzene	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
Isophorone	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
Naphthalene	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
Acenaphthylene	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
Acenaphthene	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	

Certifications: MA: MA069 NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 32 of 58



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00082

Sample: 006 BC-6 60-62
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
Dibenzofuran	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
Fluorene	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
Phenanthrene	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
Anthracene	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
Carbazole	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
Fluoranthene	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
Benzidine	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
Pyrene	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
Chrysene	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	180	TLL	03/14/2006 / 21:39	
2-FLUOROPHENOL (SURR)		63.3	%		TLL	03/14/2006 / 21:39	
PHENOL-D5 (SURR)		61.2	%		TLL	03/14/2006 / 21:39	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected

PQL= Practical Quantitation Limit

Page: 33 of 58



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00082

Sample: 006 BC-6 60-62
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
NITROBENZENE-D5 (SURR)		66.2	%		TLL	03/14/2006 / 21:39	
2-FLUOROBIPHENYL (SURR)		68.4	%		TLL	03/14/2006 / 21:39	
2,4,6-TRIBROMOPHENOL (SURR)		70.8	%		TLL	03/14/2006 / 21:39	
TERPHENYL-D14 (SURR)		82.0	%		TLL	03/14/2006 / 21:39	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	37	NAC	03/15/2006 / 12:37	
PCB-1221	EPA 8082	ND	ug/Kg	37	NAC	03/15/2006 / 12:37	
PCB-1232	EPA 8082	ND	ug/Kg	37	NAC	03/15/2006 / 12:37	
PCB-1242	EPA 8082	ND	ug/Kg	37	NAC	03/15/2006 / 12:37	
PCB-1248	EPA 8082	ND	ug/Kg	37	NAC	03/15/2006 / 12:37	
PCB-1254	EPA 8082	ND	ug/Kg	37	NAC	03/15/2006 / 12:37	
PCB-1260	EPA 8082	ND	ug/Kg	37	NAC	03/15/2006 / 12:37	
PCB-1262	EPA 8082	ND	ug/Kg	37	NAC	03/15/2006 / 12:37	
PCB-1268	EPA 8082	ND	ug/Kg	37	NAC	03/15/2006 / 12:37	
TCMX (SURROGATE)		131	%		NAC	03/15/2006 / 12:37	
DCB (SURROGATE)		155	%		NAC	03/15/2006 / 12:37	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	1.87	JS	03/17/2006 / 16:38	M2
Aluminum	6010B, SW-846	7520	mg/Kg	18.7	JS	03/17/2006 / 16:38	MHA
Arsenic	6010B, SW-846	1.63	mg/Kg	0.936	JS	03/17/2006 / 16:38	
Barium	6010B, SW-846	55.3	mg/Kg	2.8	JS	03/17/2006 / 16:38	
Beryllium	6010B, SW-846	0.429	mg/Kg	0.281	JS	03/17/2006 / 16:38	
Cadmium	6010B, SW-846	ND	mg/Kg	0.281	JS	03/17/2006 / 16:38	
Chromium	6010B, SW-846	23.0	mg/Kg	0.936	JS	03/17/2006 / 16:38	
Calcium	6010B, SW-846	6550	mg/Kg	140	JS	03/17/2006 / 16:38	
Iron	6010B, SW-846	21500	mg/Kg	9.36	JS	03/17/2006 / 16:38	B1
Cobalt	6010B, SW-846	7.25	mg/Kg	4.68	JS	03/17/2006 / 16:38	
Copper	6010B, SW-846	17.6	mg/Kg	4.68	JS	03/17/2006 / 16:38	
Lead	6010B, SW-846	6.49	mg/Kg	2.81	JS	03/17/2006 / 16:38	
Magnesium	6010B, SW-846	4400	mg/Kg	112	JS	03/17/2006 / 16:38	
Manganese	6010B, SW-846	357	mg/Kg	1.40	JS	03/17/2006 / 16:38	MHA
Mercury	SW-846; 7471	ND	mg/Kg	0.0376	NAP	03/15/2006 / 8:21	
Nickel	6010B, SW-846	14.6	mg/Kg	3.74	JS	03/17/2006 / 16:38	
Vanadium	6010B, SW-846	33.1	mg/Kg	4.68	JS	03/17/2006 / 16:38	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 34 of 58



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00082

Sample: 006 BC-6 60-62
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Selenium	6010B, SW-846	2.47	mg/Kg	1.87	JS	03/17/2006 / 16:38	
Potassium	6010B, SW-846	2150	mg/Kg	140	JS	03/17/2006 / 16:38	
Silver	6010B, SW-846	ND	mg/Kg	0.47	JS	03/17/2006 / 16:38	
Sodium	6010B, SW-846	189	mg/Kg	140	JS	03/17/2006 / 16:38	
Thallium	6010B, SW-846	ND	mg/Kg	1.87	JS	03/17/2006 / 16:38	
Zinc	6010B, SW-846	34.5	mg/Kg	4.68	JS	03/17/2006 / 16:38	
Total Cyanide	SW9010	ND	mg/Kg	0.55	*PH	03/15/2006 / 17:06	
Percent Solids		89.8	%		TLL	03/13/2006 / 7:15	
PCB OIL/SOIL EXTRACTIONS		30.31			ADW	03/14/2006 / 17:37	
Flame/ICP Solid Digestion	EPA 3050B	98.0392			SEF	03/13/2006 / 16:15	

Sample: 007 BCS-6 36-38
Collection Date: 03/09/2006 Time: 10:50:00AM
Matrix: SOIL

Received Date: 03/11/2006 Time: 11:10:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
Chloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
Bromomethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
Chloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
Acrolein	EPA 8260B	ND	ug/Kg	49	MVP	03/16/2006 / 15:13	
Acetone	EPA 8260B	530	ug/Kg	49	MVP	03/16/2006 / 15:13	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
Iodomethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	49	MVP	03/16/2006 / 15:13	
Methylene Chloride	EPA 8260B	ND	ug/Kg	40	MVP	03/16/2006 / 15:13	
Acrylonitrile	EPA 8260B	ND	ug/Kg	49	MVP	03/16/2006 / 15:13	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
2-Butanone-(MEK)	EPA 8260B	70	ug/Kg	49	MVP	03/16/2006 / 15:13	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 35 of 58



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00082

Sample: 007 BCS-6 36-38
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Vinyl Acetate	EPA 8260B	ND	ug/Kg	49	MVP	03/16/2006 / 15:13	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
Chloroform	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
Bromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
Benzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
Trichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	49	MVP	03/16/2006 / 15:13	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	49	MVP	03/16/2006 / 15:13	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
Toluene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
Dibromomethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
2-Hexanone	EPA 8260B	ND	ug/Kg	49	MVP	03/16/2006 / 15:13	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
Chlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
Ethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
M & P XYLENE	EPA 8260B	2	ug/Kg	20	MVP	03/16/2006 / 15:13	J
O-XYLENE	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
Styrene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
Bromoform	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 36 of 58



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00082

Sample: 007 BCS-6 36-38
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
Bromobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
Naphthalene	EPA 8260B	3	ug/Kg	10	MVP	03/16/2006 / 15:13	J,B
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 15:13	
DIBROMOFLUOROMETHANE (SURR)		96.4	%		MVP	03/16/2006 / 15:13	
TOLUENE-D8 (SURROGATE)		98.8	%		MVP	03/16/2006 / 15:13	
4-BROMOFLUOROBENZENE (SURR)		102	%		MVP	03/16/2006 / 15:13	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
Phenol	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
2,2'-oxybis(1-Chloropropane)	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
Hexachloroethane	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 37 of 58



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00082

Sample: 007 BCS-6 36-38
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	390	TLL	03/14/2006 / 22:16	
Nitrobenzene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
Isophorone	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
Naphthalene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
Acenaphthylene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
Acenaphthene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
Dibenzofuran	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
Fluorene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 38 of 58



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00082

Sample: 007 BCS-6 36-38
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
Phenanthrene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
Anthracene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
Carbazole	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
Fluoranthene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
Benzidine	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
Pyrene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
Chrysene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	190	TLL	03/14/2006 / 22:16	
2-FLUOROPHENOL (SURR)		62.2	%		TLL	03/14/2006 / 22:16	
PHENOL-D5 (SURR)		60.1	%		TLL	03/14/2006 / 22:16	
NITROBENZENE-D5 (SURR)		65.7	%		TLL	03/14/2006 / 22:16	
2-FLUOROBIPHENYL (SURR)		61.4	%		TLL	03/14/2006 / 22:16	
2,4,6-TRIBROMOPHENOL (SURR)		65.0	%		TLL	03/14/2006 / 22:16	
TERPHENYL-D14 (SURR)		65.8	%		TLL	03/14/2006 / 22:16	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	39	NAC	03/15/2006 / 10:26	
PCB-1221	EPA 8082	ND	ug/Kg	39	NAC	03/15/2006 / 10:26	
PCB-1232	EPA 8082	ND	ug/Kg	39	NAC	03/15/2006 / 10:26	
PCB-1242	EPA 8082	ND	ug/Kg	39	NAC	03/15/2006 / 10:26	
PCB-1248	EPA 8082	ND	ug/Kg	39	NAC	03/15/2006 / 10:26	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 39 of 58



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00082

Sample: 007 BCS-6 36-38
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-1254	EPA 8082	ND	ug/Kg	39	NAC	03/15/2006 / 10:26	
PCB-1260	EPA 8082	ND	ug/Kg	39	NAC	03/15/2006 / 10:26	
PCB-1262	EPA 8082	ND	ug/Kg	39	NAC	03/15/2006 / 10:26	
PCB-1268	EPA 8082	ND	ug/Kg	39	NAC	03/15/2006 / 10:26	
TCMX (SURROGATE)		105	%		NAC	03/15/2006 / 10:26	
DCB (SURROGATE)		109	%		NAC	03/15/2006 / 10:26	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.07	JS	03/17/2006 / 16:38	
Aluminum	6010B, SW-846	7500	mg/Kg	20.7	JS	03/17/2006 / 16:38	
Arsenic	6010B, SW-846	3.28	mg/Kg	1.03	JS	03/17/2006 / 16:38	
Barium	6010B, SW-846	68.5	mg/Kg	3.1	JS	03/17/2006 / 16:38	
Beryllium	6010B, SW-846	0.446	mg/Kg	0.310	JS	03/17/2006 / 16:38	
Cadmium	6010B, SW-846	ND	mg/Kg	0.310	JS	03/17/2006 / 16:38	
Chromium	6010B, SW-846	19.5	mg/Kg	1.03	JS	03/17/2006 / 16:38	
Calcium	6010B, SW-846	3110	mg/Kg	155	JS	03/17/2006 / 16:38	
Iron	6010B, SW-846	20900	mg/Kg	10.3	JS	03/17/2006 / 16:38	B1
Cobalt	6010B, SW-846	8.12	mg/Kg	5.17	JS	03/17/2006 / 16:38	
Copper	6010B, SW-846	18.3	mg/Kg	5.17	JS	03/17/2006 / 16:38	
Lead	6010B, SW-846	7.66	mg/Kg	3.10	JS	03/17/2006 / 16:38	
Magnesium	6010B, SW-846	3950	mg/Kg	124	JS	03/17/2006 / 16:38	
Manganese	6010B, SW-846	349	mg/Kg	1.55	JS	03/17/2006 / 16:38	
Mercury	SW-846; 7471	ND	mg/Kg	0.0391	NAP	03/15/2006 / 8:21	
Nickel	6010B, SW-846	20.9	mg/Kg	4.13	JS	03/17/2006 / 16:38	
Vanadium	6010B, SW-846	32.8	mg/Kg	5.17	JS	03/17/2006 / 16:38	
Selenium	6010B, SW-846	2.31	mg/Kg	2.07	JS	03/17/2006 / 16:38	
Potassium	6010B, SW-846	1320	mg/Kg	155	JS	03/17/2006 / 16:38	
Silver	6010B, SW-846	ND	mg/Kg	0.52	JS	03/17/2006 / 16:38	
Sodium	6010B, SW-846	490	mg/Kg	155	JS	03/17/2006 / 16:38	
Thallium	6010B, SW-846	2.26	mg/Kg	2.07	JS	03/17/2006 / 16:38	
Zinc	6010B, SW-846	41.6	mg/Kg	5.17	JS	03/17/2006 / 16:38	
Total Cyanide	SW9010	ND	mg/Kg	0.59	*PH	03/15/2006 / 17:06	
Percent Solids		84.9	%		TLL	03/13/2006 / 7:15	
PCB OIL/SOIL EXTRACTIONS		30.29			ADW	03/14/2006 / 17:37	
Flame/ICP Solid Digestion	EPA 3050B	91.7431			SEF	03/13/2006 / 16:15	



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00082

Sample: 008 BCS-7 10-12

Collection Date: 03/09/2006 Time: 1:15:00PM

Received Date: 03/11/2006 Time: 11:10:00AM

Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
Chloromethane	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
Bromomethane	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
Chloroethane	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
Acrolein	EPA 8260B	ND	ug/Kg	140	MVP	03/16/2006 / 15:44	
Acetone	EPA 8260B	640	ug/Kg	140	MVP	03/16/2006 / 15:44	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
Iodomethane	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
Carbon Disulfide	EPA 8260B	160	ug/Kg	140	MVP	03/16/2006 / 15:44	
Methylene Chloride	EPA 8260B	ND	ug/Kg	110	MVP	03/16/2006 / 15:44	
Acrylonitrile	EPA 8260B	ND	ug/Kg	140	MVP	03/16/2006 / 15:44	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
2-Butanone-(MEK)	EPA 8260B	170	ug/Kg	140	MVP	03/16/2006 / 15:44	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	140	MVP	03/16/2006 / 15:44	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
Chloroform	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
Bromochloromethane	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
Benzene	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
Trichloroethylene	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	140	MVP	03/16/2006 / 15:44	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	140	MVP	03/16/2006 / 15:44	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 41 of 58

Sample: 008 BCS-7 10-12
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
Toluene	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
Dibromomethane	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
2-Hexanone	EPA 8260B	ND	ug/Kg	140	MVP	03/16/2006 / 15:44	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
Chlorobenzene	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
Ethylbenzene	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
M & P XYLENE	EPA 8260B	ND	ug/Kg	54	MVP	03/16/2006 / 15:44	
O-XYLENE	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
Styrene	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
Bromoform	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
Bromobenzene	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
1,3,5-Trimethylbenzene	EPA 8260B	39	ug/Kg	27	MVP	03/16/2006 / 15:44	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
1,2,4-Trimethylbenzene	EPA 8260B	57	ug/Kg	27	MVP	03/16/2006 / 15:44	
sec-Butylbenzene	EPA 8260B	13	ug/Kg	27	MVP	03/16/2006 / 15:44	J
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00082

Sample: 008 BCS-7 10-12
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
Naphthalene	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	27	MVP	03/16/2006 / 15:44	
DIBROMOFLUOROMETHANE (SURR)		104	%		MVP	03/16/2006 / 15:44	
TOLUENE-D8 (SURROGATE)		94.2	%		MVP	03/16/2006 / 15:44	
4-BROMOFLUOROBENZENE (SURR)		109	%		MVP	03/16/2006 / 15:44	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
Phenol	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
Hexachloroethane	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	930	TLL	03/14/2006 / 18:30	
Nitrobenzene	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
Isophorone	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
Naphthalene	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
2-Methyl Naphthalene	EPA 8270C	93	ug/Kg	460	TLL	03/14/2006 / 18:30	J

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected

PQL= Practical Quantitation Limit

Page: 43 of 58



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00082

Sample: 008 BCS-7 10-12
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
Acenaphthylene	EPA 8270C	160	ug/Kg	460	TLL	03/14/2006 / 18:30	J
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
Acenaphthene	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
Dibenzofuran	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
Fluorene	EPA 8270C	140	ug/Kg	460	TLL	03/14/2006 / 18:30	J
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
Phenanthrene	EPA 8270C	660	ug/Kg	460	TLL	03/14/2006 / 18:30	
Anthracene	EPA 8270C	280	ug/Kg	460	TLL	03/14/2006 / 18:30	J
Carbazole	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
Fluoranthene	EPA 8270C	1500	ug/Kg	460	TLL	03/14/2006 / 18:30	
Benzidine	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
Pyrene	EPA 8270C	1200	ug/Kg	460	TLL	03/14/2006 / 18:30	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
Benzo(a)anthracene	EPA 8270C	620	ug/Kg	460	TLL	03/14/2006 / 18:30	
Chrysene	EPA 8270C	710	ug/Kg	460	TLL	03/14/2006 / 18:30	

Sample: 008 BCS-7 10-12
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
bis(2-Ethylhexyl)phthalate	EPA 8270C	3400	ug/Kg	460	TLL	03/14/2006 / 18:30	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
Benzo(b)fluoranthene	EPA 8270C	380	ug/Kg	460	TLL	03/14/2006 / 18:30	J
Benzo(k)fluoranthene	EPA 8270C	410	ug/Kg	460	TLL	03/14/2006 / 18:30	J
Benzo(a)pyrene	EPA 8270C	480	ug/Kg	460	TLL	03/14/2006 / 18:30	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	460	TLL	03/14/2006 / 18:30	
Benzo (g,h,i) perylene	EPA 8270C	140	ug/Kg	460	TLL	03/14/2006 / 18:30	J
2-FLUOROPHENOL (SURR)		42.7	%		TLL	03/14/2006 / 18:30	
PHENOL-D5 (SURR)		46.1	%		TLL	03/14/2006 / 18:30	
NITROBENZENE-D5 (SURR)		45.7	%		TLL	03/14/2006 / 18:30	
2-FLUOROBIPHENYL (SURR)		36.8	%		TLL	03/14/2006 / 18:30	
2,4,6-TRIBROMOPHENOL (SURR)		72.7	%		TLL	03/14/2006 / 18:30	
TERPHENYL-D14 (SURR)		42.6	%		TLL	03/14/2006 / 18:30	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	93	NAC	03/15/2006 / 10:26	
PCB-1221	EPA 8082	ND	ug/Kg	93	NAC	03/15/2006 / 10:26	
PCB-1232	EPA 8082	ND	ug/Kg	93	NAC	03/15/2006 / 10:26	
PCB-1242	EPA 8082	ND	ug/Kg	93	NAC	03/15/2006 / 10:26	
PCB-1248	EPA 8082	ND	ug/Kg	93	NAC	03/15/2006 / 10:26	
PCB-1254	EPA 8082	ND	ug/Kg	93	NAC	03/15/2006 / 10:26	
PCB-1260	EPA 8082	630	ug/Kg	93	NAC	03/15/2006 / 10:26	
PCB-1262	EPA 8082	ND	ug/Kg	93	NAC	03/15/2006 / 10:26	
PCB-1268	EPA 8082	ND	ug/Kg	93	NAC	03/15/2006 / 10:26	
TCMX (SURROGATE)		67.8	%		NAC	03/15/2006 / 10:26	
DCB (SURROGATE)		80.0	%		NAC	03/15/2006 / 10:26	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	3.67	JS	03/17/2006 / 16:38	
Aluminum	6010B, SW-846	20600	mg/Kg	36.7	JS	03/17/2006 / 16:38	
Arsenic	6010B, SW-846	18.1	mg/Kg	1.84	JS	03/17/2006 / 16:38	
Barium	6010B, SW-846	186	mg/Kg	5.5	JS	03/17/2006 / 16:38	
Beryllium	6010B, SW-846	0.953	mg/Kg	0.551	JS	03/17/2006 / 16:38	
Cadmium	6010B, SW-846	7.23	mg/Kg	0.551	JS	03/17/2006 / 16:38	
Chromium	6010B, SW-846	310	mg/Kg	1.84	JS	03/17/2006 / 16:38	



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00082

Sample: 008 BCS-7 10-12
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Calcium	6010B, SW-846	6700	mg/Kg	276	JS	03/17/2006 / 16:38	
Iron	6010B, SW-846	37500	mg/Kg	18.4	JS	03/17/2006 / 16:38	B1
Cobalt	6010B, SW-846	13.0	mg/Kg	9.18	JS	03/17/2006 / 16:38	
Copper	6010B, SW-846	394	mg/Kg	9.18	JS	03/17/2006 / 16:38	
Lead	6010B, SW-846	528	mg/Kg	5.51	JS	03/17/2006 / 16:38	
Magnesium	6010B, SW-846	9310	mg/Kg	220	JS	03/17/2006 / 16:38	
Manganese	6010B, SW-846	565	mg/Kg	2.76	JS	03/17/2006 / 16:38	
Mercury	SW-846; 7471	3.39	mg/Kg	0.0954	NAP	03/15/2006 / 8:21	
Nickel	6010B, SW-846	59.8	mg/Kg	7.35	JS	03/17/2006 / 16:38	
Vanadium	6010B, SW-846	68.1	mg/Kg	9.18	JS	03/17/2006 / 16:38	
Selenium	6010B, SW-846	4.84	mg/Kg	3.67	JS	03/17/2006 / 16:38	
Potassium	6010B, SW-846	5090	mg/Kg	276	JS	03/17/2006 / 16:38	
Silver	6010B, SW-846	13.4	mg/Kg	0.92	JS	03/17/2006 / 16:38	
Sodium	6010B, SW-846	10500	mg/Kg	276	JS	03/17/2006 / 16:38	
Thallium	6010B, SW-846	ND	mg/Kg	3.67	JS	03/17/2006 / 16:38	
Zinc	6010B, SW-846	446	mg/Kg	9.18	JS	03/17/2006 / 16:38	
Total Cyanide	SW9010	6.5	mg/Kg	1.4	*PH	03/15/2006 / 17:06	
Percent Solids		34.9	%		TLL	03/13/2006 / 7:15	
PCB OIL/SQIL EXTRACTIONS		30.69			ADW	03/14/2006 / 17:37	
Flame/ICP Solid Digestion	EPA 3050B	94.3396			SEF	03/13/2006 / 16:15	

Sample: 009 BC-2 9-11
Collection Date: 03/10/2006 Time: 10:30:00AM
Matrix: SOIL

Received Date: 03/11/2006 Time: 11:10:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
Chloromethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
Bromomethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
Chloroethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
Acrolein	EPA 8260B	ND	ug/Kg	56	MVP	03/16/2006 / 16:14	

Sample: 009 BC-2 9-11
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Acetone	EPA 8260B	250	ug/Kg	56	MVP	03/16/2006 / 16:14	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
Iodomethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
Carbon Disulfide	EPA 8260B	67	ug/Kg	56	MVP	03/16/2006 / 16:14	
Methylene Chloride	EPA 8260B	ND	ug/Kg	45	MVP	03/16/2006 / 16:14	
Acrylonitrile	EPA 8260B	ND	ug/Kg	56	MVP	03/16/2006 / 16:14	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	56	MVP	03/16/2006 / 16:14	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	56	MVP	03/16/2006 / 16:14	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
Chloroform	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
Bromochloromethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
Benzene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
Trichloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	56	MVP	03/16/2006 / 16:14	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	56	MVP	03/16/2006 / 16:14	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
Toluene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
Dibromomethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
2-Hexanone	EPA 8260B	ND	ug/Kg	56	MVP	03/16/2006 / 16:14	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	

Sample: 009 BC-2 9-11
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Dibromochloromethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
Chlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
Ethylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
M & P XYLENE	EPA 8260B	ND	ug/Kg	22	MVP	03/16/2006 / 16:14	
O-XYLENE	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
Styrene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
Bromoform	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
Isopropylbenzene	EPA 8260B	710	ug/Kg	1300	MVP	03/17/2006 / 9:55	J
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
n-Propylbenzene	EPA 8260B	770	ug/Kg	1300	MVP	03/17/2006 / 9:55	J
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
Bromobenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
tert-Butylbenzene	EPA 8260B	490	ug/Kg	1300	MVP	03/17/2006 / 9:55	J
1,2,4-Trimethylbenzene	EPA 8260B	13	ug/Kg	11	MVP	03/16/2006 / 16:14	
sec-Butylbenzene	EPA 8260B	2000	ug/Kg	1300	MVP	03/17/2006 / 9:55	
4-Isopropyltoluene	EPA 8260B	750	ug/Kg	1300	MVP	03/17/2006 / 9:55	J
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
n-Butylbenzene	EPA 8260B	780	ug/Kg	1300	MVP	03/17/2006 / 9:55	J
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
Naphthalene	EPA 8260B	2100	ug/Kg	1300	MVP	03/17/2006 / 9:55	B
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	11	MVP	03/16/2006 / 16:14	
DIBROMOFLUOROMETHANE (SURR)		107	%		MVP	03/17/2006 / 9:55	
TOLUENE-D8 (SURROGATE)		97.3	%		MVP	03/17/2006 / 9:55	
4-BROMOFLUOROBENZENE (SURR)		136	%		MVP	03/17/2006 / 9:55	GX
B/NA Extractables Soil							



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00082

Sample: 009 BC-2 9-11
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
Phenol	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
Hexachloroethane	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	2200	TLL	03/14/2006 / 19:08	
Nitrobenzene	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
Isophorone	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
Naphthalene	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
Acenaphthylene	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
Acenaphthene	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00082

Sample: 009 BC-2 9-11
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
Dibenzofuran	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
Fluorene	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
Phenanthrene	EPA 8270C	1400	ug/Kg	1100	TLL	03/14/2006 / 19:08	
Anthracene	EPA 8270C	510	ug/Kg	1100	TLL	03/14/2006 / 19:08	J
Carbazole	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
Fluoranthene	EPA 8270C	3000	ug/Kg	1100	TLL	03/14/2006 / 19:08	
Benzidine	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
Pyrene	EPA 8270C	3400	ug/Kg	1100	TLL	03/14/2006 / 19:08	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
Benzo(a)anthracene	EPA 8270C	1800	ug/Kg	1100	TLL	03/14/2006 / 19:08	
Chrysene	EPA 8270C	1600	ug/Kg	1100	TLL	03/14/2006 / 19:08	
bis(2-Ethylhexyl)phthalate	EPA 8270C	320	ug/Kg	1100	TLL	03/14/2006 / 19:08	J
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	510	ug/Kg	1100	TLL	03/14/2006 / 19:08	J
Benzo(b)fluoranthene	EPA 8270C	1500	ug/Kg	1100	TLL	03/14/2006 / 19:08	
Benzo(k)fluoranthene	EPA 8270C	1500	ug/Kg	1100	TLL	03/14/2006 / 19:08	
Benzo(a)pyrene	EPA 8270C	1800	ug/Kg	1100	TLL	03/14/2006 / 19:08	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 19:08	
Benzo (g,h,i) perylene	EPA 8270C	810	ug/Kg	1100	TLL	03/14/2006 / 19:08	J
2-FLUOROPHENOL (SURR)		38.0	%		TLL	03/14/2006 / 19:08	
PHENOL-D5 (SURR)		42.9	%		TLL	03/14/2006 / 19:08	



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00082

Sample: 009 BC-2 9-11
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
NITROBENZENE-D5 (SURR)		43.4	%		TLL	03/14/2006 / 19:08	
2-FLUOROBIPHENYL (SURR)		40.5	%		TLL	03/14/2006 / 19:08	
2,4,6-TRIBROMOPHENOL (SURR)		66.3	%		TLL	03/14/2006 / 19:08	
TERPHENYL-D14 (SURR)		41.2	%		TLL	03/14/2006 / 19:08	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	43	NAC	03/15/2006 / 10:26	
PCB-1221	EPA 8082	ND	ug/Kg	43	NAC	03/15/2006 / 10:26	
PCB-1232	EPA 8082	ND	ug/Kg	43	NAC	03/15/2006 / 10:26	
PCB-1242	EPA 8082	ND	ug/Kg	43	NAC	03/15/2006 / 10:26	
PCB-1248	EPA 8082	ND	ug/Kg	43	NAC	03/15/2006 / 10:26	
PCB-1254	EPA 8082	ND	ug/Kg	43	NAC	03/15/2006 / 10:26	
PCB-1260	EPA 8082	ND	ug/Kg	43	NAC	03/15/2006 / 10:26	
PCB-1262	EPA 8082	ND	ug/Kg	43	NAC	03/15/2006 / 10:26	
PCB-1268	EPA 8082	ND	ug/Kg	43	NAC	03/15/2006 / 10:26	
TCMX (SURROGATE)		74.9	%		NAC	03/15/2006 / 10:26	
DCB (SURROGATE)		81.1	%		NAC	03/15/2006 / 10:26	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.20	JS	03/17/2006 / 16:38	
Aluminum	6010B, SW-846	4590	mg/Kg	22.0	JS	03/17/2006 / 16:38	
Arsenic	6010B, SW-846	87.9	mg/Kg	1.10	JS	03/17/2006 / 16:38	
Barium	6010B, SW-846	114	mg/Kg	3.3	JS	03/17/2006 / 16:38	
Beryllium	6010B, SW-846	ND	mg/Kg	0.330	JS	03/17/2006 / 16:38	
Cadmium	6010B, SW-846	0.795	mg/Kg	0.330	JS	03/17/2006 / 16:38	
Chromium	6010B, SW-846	17.5	mg/Kg	1.10	JS	03/17/2006 / 16:38	
Calcium	6010B, SW-846	15200	mg/Kg	165	JS	03/17/2006 / 16:38	
Iron	6010B, SW-846	27800	mg/Kg	11.0	JS	03/17/2006 / 16:38	B1
Cobalt	6010B, SW-846	ND	mg/Kg	5.50	JS	03/17/2006 / 16:38	
Copper	6010B, SW-846	99.3	mg/Kg	5.50	JS	03/17/2006 / 16:38	
Lead	6010B, SW-846	477	mg/Kg	3.30	JS	03/17/2006 / 16:38	
Magnesium	6010B, SW-846	3140	mg/Kg	132	JS	03/17/2006 / 16:38	
Manganese	6010B, SW-846	309	mg/Kg	1.65	JS	03/17/2006 / 16:38	
Mercury	SW-846; 7471	0.720	mg/Kg	0.0406	NAP	03/15/2006 / 8:21	
Nickel	6010B, SW-846	17.4	mg/Kg	4.40	JS	03/17/2006 / 16:38	
Vanadium	6010B, SW-846	23.8	mg/Kg	5.50	JS	03/17/2006 / 16:38	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 51 of 58



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00082

Sample: 009 BC-2 9-11
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Selenium	6010B, SW-846	3.21	mg/Kg	2.20	JS	03/17/2006 / 16:38	
Potassium	6010B, SW-846	879	mg/Kg	165	JS	03/17/2006 / 16:38	
Silver	6010B, SW-846	ND	mg/Kg	0.55	JS	03/17/2006 / 16:38	
Sodium	6010B, SW-846	2670	mg/Kg	165	JS	03/17/2006 / 16:38	
Thallium	6010B, SW-846	ND	mg/Kg	2.20	JS	03/17/2006 / 16:38	
Zinc	6010B, SW-846	387	mg/Kg	5.50	JS	03/17/2006 / 16:38	
Total Cyanide	SW9010	ND	mg/Kg	0.68	*PH	03/15/2006 / 17:06	
Percent Solids		75.7	%		TLL	03/13/2006 / 7:15	
PCB OIL/SOIL EXTRACTIONS		30.63			ADW	03/14/2006 / 17:37	
Flame/ICP Solid Digestion	EPA 3050B	87.7193			SEF	03/13/2006 / 16:15	

Sample: 010 BC-2D 9-11
Collection Date: 03/10/2006 Time: 10:30:00AM
Matrix: SOIL

Received Date: 03/11/2006 Time: 11:10:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
Chloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
Bromomethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
Chloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
Acrolein	EPA 8260B	ND	ug/Kg	50	MVP	03/16/2006 / 16:45	
Acetone	EPA 8260B	130	ug/Kg	50	MVP	03/16/2006 / 16:45	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
Iodomethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	50	MVP	03/16/2006 / 16:45	
Methylene Chloride	EPA 8260B	ND	ug/Kg	40	MVP	03/16/2006 / 16:45	
Acrylonitrile	EPA 8260B	ND	ug/Kg	50	MVP	03/16/2006 / 16:45	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	50	MVP	03/16/2006 / 16:45	



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00082

Sample: 010 BC-2D 9-11
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Vinyl Acetate	EPA 8260B	ND	ug/Kg	50	MVP	03/16/2006 / 16:45	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
Chloroform	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
Bromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
Benzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
Trichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	50	MVP	03/16/2006 / 16:45	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	50	MVP	03/16/2006 / 16:45	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
Toluene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
Dibromomethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
2-Hexanone	EPA 8260B	ND	ug/Kg	50	MVP	03/16/2006 / 16:45	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
Chlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
Ethylbenzene	EPA 8260B	4	ug/Kg	10	MVP	03/16/2006 / 16:45	J
M & P XYLENE	EPA 8260B	16	ug/Kg	20	MVP	03/16/2006 / 16:45	J
O-XYLENE	EPA 8260B	5	ug/Kg	10	MVP	03/16/2006 / 16:45	J
Styrene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
Bromoform	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
Isopropylbenzene	EPA 8260B	32	ug/Kg	10	MVP	03/16/2006 / 16:45	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00082

Sample: 010 BC-2D 9-11
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
n-Propylbenzene	EPA 8260B	29	ug/Kg	10	MVP	03/16/2006 / 16:45	
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
Bromobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
1,3,5-Trimethylbenzene	EPA 8260B	8	ug/Kg	10	MVP	03/16/2006 / 16:45	J
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
tert-Butylbenzene	EPA 8260B	14	ug/Kg	10	MVP	03/16/2006 / 16:45	
1,2,4-Trimethylbenzene	EPA 8260B	51	ug/Kg	10	MVP	03/16/2006 / 16:45	
sec-Butylbenzene	EPA 8260B	39	ug/Kg	10	MVP	03/16/2006 / 16:45	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
n-Butylbenzene	EPA 8260B	21	ug/Kg	10	MVP	03/16/2006 / 16:45	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
Naphthalene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/16/2006 / 16:45	
DIBROMOFLUOROMETHANE (SURR)		97.9	%		MVP	03/17/2006 / 10:23	
TOLUENE-D8 (SURROGATE)		92.9	%		MVP	03/17/2006 / 10:23	
4-BROMOFLUOROBENZENE (SURR)		90.4	%		MVP	03/17/2006 / 10:23	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
Phenol	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
Hexachloroethane	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected

PQL= Practical Quantitation Limit

Page: 54 of 58



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00082

Sample: 010 BC-2D 9-11
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	2100	TLL	03/14/2006 / 14:43	
Nitrobenzene	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
Isophorone	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
Naphthalene	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
2-Methyl Naphthalene	EPA 8270C	250	ug/Kg	1100	TLL	03/14/2006 / 14:43	J
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
Acenaphthylene	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
Acenaphthene	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
Dibenzofuran	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
Fluorene	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 55 of 58

Sample: 010 BC-2D 9-11
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
Phenanthrene	EPA 8270C	1500	ug/Kg	1100	TLL	03/14/2006 / 14:43	
Anthracene	EPA 8270C	570	ug/Kg	1100	TLL	03/14/2006 / 14:43	J
Carbazole	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
Fluoranthene	EPA 8270C	2700	ug/Kg	1100	TLL	03/14/2006 / 14:43	
Benzidine	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
Pyrene	EPA 8270C	3800	ug/Kg	1100	TLL	03/14/2006 / 14:43	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
Benzo(a)anthracene	EPA 8270C	1800	ug/Kg	1100	TLL	03/14/2006 / 14:43	
Chrysene	EPA 8270C	1600	ug/Kg	1100	TLL	03/14/2006 / 14:43	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	1100	TLL	03/14/2006 / 14:43	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	760	ug/Kg	1100	TLL	03/14/2006 / 14:43	J
Benzo(b)fluoranthene	EPA 8270C	1600	ug/Kg	1100	TLL	03/14/2006 / 14:43	
Benzo(k)fluoranthene	EPA 8270C	1700	ug/Kg	1100	TLL	03/14/2006 / 14:43	
Benzo(a)pyrene	EPA 8270C	2100	ug/Kg	1100	TLL	03/14/2006 / 14:43	
Dibenzo(a,h)Anthracene	EPA 8270C	330	ug/Kg	1100	TLL	03/14/2006 / 14:43	J
Benzo (g,h,i) perylene	EPA 8270C	1000	ug/Kg	1100	TLL	03/14/2006 / 14:43	J
2-FLUOROPHENOL (SURR)		41.4	%		TLL	03/14/2006 / 14:43	
PHENOL-D5 (SURR)		51.4	%		TLL	03/14/2006 / 14:43	
NITROBENZENE-D5 (SURR)		45.3	%		TLL	03/14/2006 / 14:43	
2-FLUOROBIPHENYL (SURR)		63.6	%		TLL	03/14/2006 / 14:43	
2,4,6-TRIBROMOPHENOL (SURR)		86.4	%		TLL	03/14/2006 / 14:43	
TERPHENYL-D14 (SURR)		79.3	%		TLL	03/14/2006 / 14:43	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	42	NAC	03/15/2006 / 10:26	
PCB-1221	EPA 8082	ND	ug/Kg	42	NAC	03/15/2006 / 10:26	
PCB-1232	EPA 8082	ND	ug/Kg	42	NAC	03/15/2006 / 10:26	
PCB-1242	EPA 8082	ND	ug/Kg	42	NAC	03/15/2006 / 10:26	
PCB-1248	EPA 8082	ND	ug/Kg	42	NAC	03/15/2006 / 10:26	

Sample: 010 BC-2D 9-11
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-1254	EPA 8082	ND	ug/Kg	42	NAC	03/15/2006 / 10:26	
PCB-1260	EPA 8082	ND	ug/Kg	42	NAC	03/15/2006 / 10:26	
PCB-1262	EPA 8082	ND	ug/Kg	42	NAC	03/15/2006 / 10:26	
PCB-1268	EPA 8082	ND	ug/Kg	42	NAC	03/15/2006 / 10:26	
TCMX (SURROGATE)		88.6	%		NAC	03/15/2006 / 10:26	
DCB (SURROGATE)		91.5	%		NAC	03/15/2006 / 10:26	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.01	JS	03/17/2006 / 16:38	
Aluminum	6010B, SW-846	4840	mg/Kg	20.1	JS	03/17/2006 / 16:38	
Arsenic	6010B, SW-846	57.3	mg/Kg	1.00	JS	03/17/2006 / 16:38	
Barium	6010B, SW-846	77.7	mg/Kg	3.0	JS	03/17/2006 / 16:38	
Beryllium	6010B, SW-846	ND	mg/Kg	0.301	JS	03/17/2006 / 16:38	
Cadmium	6010B, SW-846	0.661	mg/Kg	0.301	JS	03/17/2006 / 16:38	
Chromium	6010B, SW-846	11.9	mg/Kg	1.00	JS	03/17/2006 / 16:38	
Calcium	6010B, SW-846	23400	mg/Kg	151	JS	03/17/2006 / 16:38	
Iron	6010B, SW-846	24500	mg/Kg	10.0	JS	03/17/2006 / 16:38	B1
Cobalt	6010B, SW-846	ND	mg/Kg	5.02	JS	03/17/2006 / 16:38	
Copper	6010B, SW-846	69.2	mg/Kg	5.02	JS	03/17/2006 / 16:38	
Lead	6010B, SW-846	330	mg/Kg	3.01	JS	03/17/2006 / 16:38	
Magnesium	6010B, SW-846	7140	mg/Kg	120	JS	03/17/2006 / 16:38	
Manganese	6010B, SW-846	197	mg/Kg	1.51	JS	03/17/2006 / 16:38	
Mercury	SW-846; 7471	0.691	mg/Kg	0.0411	NAP	03/15/2006 / 8:21	
Nickel	6010B, SW-846	12.8	mg/Kg	4.02	JS	03/17/2006 / 16:38	
Vanadium	6010B, SW-846	18.5	mg/Kg	5.02	JS	03/17/2006 / 16:38	
Selenium	6010B, SW-846	2.90	mg/Kg	2.01	JS	03/17/2006 / 16:38	
Potassium	6010B, SW-846	791	mg/Kg	151	JS	03/17/2006 / 16:38	
Silver	6010B, SW-846	ND	mg/Kg	0.50	JS	03/17/2006 / 16:38	
Sodium	6010B, SW-846	2410	mg/Kg	151	JS	03/17/2006 / 16:38	
Thallium	6010B, SW-846	ND	mg/Kg	2.01	JS	03/17/2006 / 16:38	
Zinc	6010B, SW-846	316	mg/Kg	5.02	JS	03/17/2006 / 16:38	
Total Cyanide	SW9010	0.73	mg/Kg	0.64	*PH	03/15/2006 / 17:06	
Percent Solids		77.2	%		TLL	03/13/2006 / 7:15	
PCB OIL/SOIL EXTRACTIONS		30.64			ADW	03/14/2006 / 17:37	
Flame/ICP Solid Digestion	EPA 3050B	88.4956			SEF	03/13/2006 / 16:15	



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00082

- B Analyte was detected in the associated Method Blank.
- B1 Analyte was detected in the associated method blank. Analyte concentration in the sample is greater than 10x the concentration found in the method blank.
- GX Due to sample matrix effects, the surrogate recovery was outside acceptance limits.
- J Estimated value. Analyte detected at a level less than the Practical Quantitation Limit (PQL) and greater than or equal to the Method Detection Limit (MDL).
- M2 The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
- MHA Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
- R10 The RPD between the primary and confirmatory analysis exceeded 40%. Per method 8000B, the lower value was reported due to apparent chromatographic problems.

*PH = Phoenix Environmental Laboratories (NELAP: 11301 MA: M-CT007)

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

Authorized By:

Robert Bell, Environmental Laboratory Manager

Date:

3/17/06

NOTE: All solid results are reported on a dry weight basis unless otherwise noted.

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected

PQL= Practical Quantitation Limit

Page: 58 of 58

COMPANY: METCALF & EDDY INC		ADDRESS: 1140 ROUTE 22 EAST, BRIDGEWATER NJ 08807		PHONE: (908) 947-0276		FAX 1: (908) 707-8876		FAX 2: _____									
CLIENT: NELSON AGRAMS		EMAIL: NELSON.AGRAMS@M-E.ACCOM.COM		PROJECT: D0C		PROJECT NUMBER: 60004548.01		PROJECT STATE: NY									
PROJECT NAME: BAYSIDE PETROLEUM ROUSHWICK CHEMICALS		MATRIX: OIL-OIL		CHIPS: CH-CHIPS		CONTAINER: P-PLASTIC		G-GLASS V-VOA									
WI-WIPES C-CASSETTES W-WASTE O-OTHER		MATRIX: OIL-OIL		CHIPS: CH-CHIPS		CONTAINER: P-PLASTIC		G-GLASS V-VOA									
LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	CONTAINER			SAMPLING INFORMATION			GRAB (G) OR COMPOSITE (C)	PRESERVATIVES	SAMPLE pH AT LOGIN	VOC	SVOC	PCB	TMR METALS	CYANIDE	Notes:
			SIZE	TYPE	#	DATE	TIME	TECH									
1	BC-5 17-19	SOIL	20g	GUS	2	3/6/06	11:15	SM	G	NA		X	X	X	X	X	MODIFIED
2	BCS-5 40-42	SOIL	20g	GUS	2	3/6/06	11:00	EA	G	NA		X	X	X	X	X	AST PREPARE
3	BCS-6 10-12	SOIL	20g	GUS	2	3/6/06	13:45	EA	G	NA		X	X	X	X	X	PER
4	BC-5 55-57	SOIL	20g	GUS	2	3/7/06	10:15	SM	G	NA		X	X	X	X	X	NELSON
5	BC-6 19-21	SOIL	20g	GUS	2	3/8/06	11:15	SM	G	NA		X	X	X	X	X	AGRAMS
6	BC-6 60-62	SOIL	20g	GUS	2	3/9/06	9:30	SM	G	NA		X	X	X	X	X	OF M+E
7	BCS-6 36-38	SOIL	20g	GUS	2	3/9/06	10:50	EA	G	NA		X	X	X	X	X	
8	BCS-7 10-12	SOIL	20g	GUS	2	3/10/06	13:15	EA	G	NA		X	X	X	X	X	QUESTIONS?
9	BC-2 9-11	SOIL	20g	GUS	2	3/10/06	10:36	SM	G	NA		X	X	X	X	X	CALL N. AGRAMS
10	BC-2D 9-11	SOIL	20g	GUS	2	3/10/06	10:36	SM	G	NA		X	X	X	X	X	708 947 0276
SAMPLED BY: (PRINT) SAC ACS		DATE: 3/10/06		RECEIVED BY: (PRINT)		DATE: _____											
(SIGN)		TIME: 14:00		(SIGN)		TIME: _____											
RELINQUISHED BY: (PRINT)		DATE: _____		RECEIVED BY: (PRINT)		DATE: _____											
(SIGN)		TIME: _____		(SIGN)		TIME: _____											
RELINQUISHED BY: (PRINT)		DATE: _____		RECEIVED FOR LABORATORY BY: (PRINT)		DATE: 3/14/06											
(SIGN)		TIME: _____		(SIGN)		TIME: 11:10											

FedEx® Saturday Delivery

151957 REV 1004 MWI

02189 -MA-JS

0215

BOS

X0 XPUA

A2

FedEx USA Airbill

EXPRESS

FedEx Tracking Number

8455 4997 2212

1 From This portion can be removed for Recipient's records.

Date

FedEx Tracking Number

845549972212

Sender's Name

ERIC ACS

Phone 908 707-8874

Company METCALF & EDDY INC

Address 1140 US HIGHWAY 22 # 101

BRIDGEMATER

State NJ ZIP 08807-2912

2 No Internal Billing Reference

3 To

Recipient's Name

Phone

781 337 9334

4 Company

INTERSCI BOSTON

Address

8 SCHOOL STREET

Address

City Weymouth

State MA

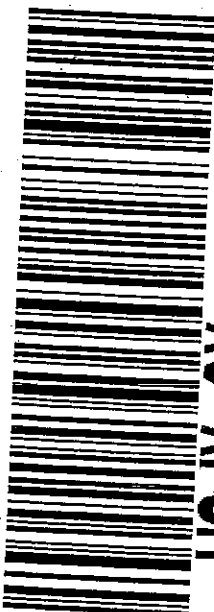
ZIP 02189

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Drop/Recovery/Status



0270544231



4a Express Package Service

☒ FedEx Priority Overnight

☐ Next business afternoon

☐ FedEx First Overnight

☐ FedEx 2Day

☐ FedEx Express Saver

☐ FedEx 3Day Freight

☐ FedEx 2Day Freight

☐ FedEx 3Day Freight

☐ FedEx 1Day Freight

☐ Next business day

☐ FedEx Envelope*

☐ FedEx Pak*

☐ FedEx SurePost

☐ FedEx SurePost

5 Packaging

☒ Saturday Delivery

☐ Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, Sunday, and FedEx 2Day

☐ Does this shipment contain dangerous goods?

☐ No ☐ Yes

☐ Yes, for shipment

☐ Shipper's Declaration

☐ Dry Ice

☐ Cargo Aircraft Only

☐ Other

☐ Include FedEx address in Section 3.

☐ HOLD Saturday

☐ at FedEx location

☐ Not available for

☐ FedEx First Overnight

☐ FedEx Priority Overnight

☐ FedEx 2Day to select locations

☐ One box must be checked.

☐ Yes, for shipment

☐ Shipper's Declaration

☐ Dry Ice

☐ Cargo Aircraft Only

☐ Other

☐ Include FedEx address in Section 3.

☐ HOLD Saturday

☐ at FedEx location

☐ Not available for

☐ FedEx First Overnight

☐ FedEx Priority Overnight

☐ FedEx 2Day to select locations

☐ One box must be checked.

6 Special Handling

☒ Saturday Delivery

☐ Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, Sunday, and FedEx 2Day

☐ Does this shipment contain dangerous goods?

☐ No ☐ Yes

☐ Yes, for shipment

☐ Shipper's Declaration

☐ Dry Ice

☐ Cargo Aircraft Only

☐ Other

☐ Include FedEx address in Section 3.

☐ HOLD Saturday

☐ at FedEx location

☐ Not available for

☐ FedEx First Overnight

☐ FedEx Priority Overnight

7 Payment Bill to:

☐ Sender

☐ Recipient

☐ Third Party

☐ Credit Card

☐ Cash/Check

☐ Other

☐ Enter FedEx Acct. No. or Credit Card No. below.

☐ Acct. No.

☐ Credit Card

☐ Cash/Check

☐ Other

☐ Enter FedEx Acct. No. or Credit Card No. below.

☐ Acct. No.

☐ Credit Card

☐ Cash/Check

8 Release Signature

☐ Your liability is limited to \$100 unless you declare a higher value. See the FedEx Service Guide for details.

☐ Sign an authorized delivery release/returning signature.

☐ Signature required.

☐ Signature required.

☐ Signature required.

☐ Signature required.

☐ Signature required.

☐ Signature required.

☐ Signature required.

☐ Signature required.

☐ Signature required.

☐ Signature required.

☐ Signature required.

☐ Signature required.

☐ Signature required.

COURIER: PLACE ASTRA LABEL HERE

THIS TAG

Sample Receiving Form

CLIENT: <i>METCALF + EDDY</i>	WORKORDER: <i>0603-082</i>
CLIENTS JOB: <i>6000 4548.01</i> <i>BAKESIDE</i> <i>PETROLEUM</i>	RECEIVED BY: <i>MP</i>
RECEIVED DATE: <i>3/11/06</i>	SHIPPING METHOD: <i>FedEx</i>
TEMP UPON RECEIPT: <i>3.6 °C</i>	

"No" responses must be explained in the comment section below.

Checklist	YES	NO	NA
Were custody seals on shipping container(s) intact? Check "NA" if no seals, or if containers were hand delivered.			<i>X</i>
Were Chain of Custody Forms included with the samples?	<i>X</i>		
Were Chain of Custody Forms properly filled out (ink, signed, etc.)	<i>X</i>		
Were all containers received in good condition (Check for breakage/leaks)?	<i>X</i>		
Were all containers labeled with required information (Sample Id, date, signed, analysis, preservation)?	<i>X</i>		
Were the correct containers used for the tests indicated?	<i>X</i>		
Were proper preservation techniques indicated?	<i>X</i>		
Were samples received within holding times? If "NO" nonconformance form is required.	<i>X</i>		
Were all VOA bottles checked for the presence of air bubbles? If bubbles were found please note in the comment section.			<i>X</i>
Were samples in direct contact with wet ice? If "NO" check one: <input type="checkbox"/> Blue Ice <input type="checkbox"/> No Ice	<i>X</i>		
Is sample temperature recorded ? If "NO" check one: <input type="checkbox"/> Unable to record <input type="checkbox"/> Temp taken near samples	<i>X</i>		
Were pHs of samples checked and recorded on the COC forms?			<i>X</i>
Did the laboratory accept samples?	<i>X</i>		
Will samples be subcontracted? If "yes" list subcontractor and tests in specified sections below.	<i>X</i>		
Subcontractor: <i>Phoenix</i>	Date Sent Out: <i>3/13/06</i>		
Analyses Sent: <i>CN-</i>			

Login Technician: <i>(MP)</i>	Login Review:
Comments:	



Please Reply To:

AmeriSci Boston
Eight School Street
Weymouth, MA 02189
TEL:(781)337-9334 FAX:(781)337-7642

FACSIMILE TELECOPY TRANSMISSION

To: Mr. Nelson Abrams
Metcalf & Eddy Associates

AmeriSci Job# 0603-00130

Subject: BAYSIDE

Fax # 908-707-8894

Email: Nelson Abrams

Date: Friday, March 24, 2006

Time: 4:14:54PM

Comments:

This report consists of _____ pages, including:

Cover Page (Facsimile Telecopy Transmission)	<u>1</u>	pages
Laboratory Report	<u>58</u>	pages
Chain of Custody Record	<u>1</u>	pages
Air bill	<u>1</u>	pages
Sample Receiving Form	<u>1</u>	pages
Miscellaneous	<u>0</u>	pages

CONFIDENTIALITY NOTICE: Unless otherwise indicated, the information contained in this facsimile communication is confidential information intended for the use of the individual named above. If the reader of this communication is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is prohibited. If you have received this communication in error, please immediately notify the sender by telephone and return the original message to the above address via US Postal Service at our expense. Preliminary data reported here will be verified before final report is issued. Samples are disposed of in 60 days unless otherwise instructed by the protocol or special instructions in writing. Thank you.

Certified Analysis Service 24 Hours a Day - 7 Days a Week Competitive Prices
www.ameriscil.com

Boston - Los Angeles - New York - Richmond



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

Laboratory Report

Report Date 03/24/2006
Workorder No. 0603-00130

Customer: Metcalf & Eddy Associates
1140 Route 22 East
Suite 101
Bridgewater, NJ 08807

Attention: Mr. Nelson Abrams

Subject: BAYSIDE PETROLEUM/BUSHWICK

Sample: 001 BC-2 60-62
Collection Date: 03/13/2006 Time: 10:15:00AM
Matrix: SOIL

Received Date: 03/17/2006 Time: 10:25:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Total Cyanide	SW9010	ND	mg/Kg	0.60	*PH	03/21/2006 / 14:48	
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
Chloromethane	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
Bromomethane	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
Chloroethane	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
Acrolein	EPA 8260B	ND	ug/Kg	45	MVP	03/20/2006 / 12:49	
Acetone	EPA 8260B	ND	ug/Kg	45	MVP	03/20/2006 / 12:49	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
Iodomethane	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	45	MVP	03/20/2006 / 12:49	
Methylene Chloride	EPA 8260B	ND	ug/Kg	36	MVP	03/20/2006 / 12:49	
Acrylonitrile	EPA 8260B	ND	ug/Kg	45	MVP	03/20/2006 / 12:49	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	45	MVP	03/20/2006 / 12:49	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	45	MVP	03/20/2006 / 12:49	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
Chloroform	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
Bromochloromethane	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00130

Sample: 001 BC-2 60-62
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
Benzene	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
Trichloroethylene	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	45	MVP	03/20/2006 / 12:49	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	45	MVP	03/20/2006 / 12:49	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
Toluene	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
Dibromomethane	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
2-Hexanone	EPA 8260B	ND	ug/Kg	45	MVP	03/20/2006 / 12:49	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
Chlorobenzene	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
Ethylbenzene	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
M & P XYLENE	EPA 8260B	ND	ug/Kg	18	MVP	03/20/2006 / 12:49	
O-XYLENE	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
Styrene	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
Bromoform	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
Bromobenzene	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00130

Sample: 001 BC-2 60-62
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
Naphthalene	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9.0	MVP	03/20/2006 / 12:49	
DIBROMOFLUOROMETHANE (SURR)		99.4	%		MVP	03/20/2006 / 12:49	
TOLUENE-D8 (SURROGATE)		101	%		MVP	03/20/2006 / 12:49	
4-BROMOFLUOROBENZENE (SURR)		105	%		MVP	03/20/2006 / 12:49	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
Phenol	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
2,2'-oxybis(1-Chloropropane)	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
Hexachloroethane	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	360	TLL	03/23/2006 / 14:27	
Nitrobenzene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
Isophorone	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	



Customer: Metcalf & Eddy Associates

Workorder No. 0603-00130

Sample: 001 BC-2 60-62
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
Naphthalene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
Acenaphthylene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
Acenaphthene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
Dibenzofuran	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
Fluorene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
Phenanthrene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
Anthracene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
Carbazole	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00130

Sample: 001 BC-2 60-62
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
Fluoranthene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
Benzidine	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
Pyrene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
Chrysene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 14:27	
2-FLUOROPHENOL (SURR)		61.7	%		TLL	03/23/2006 / 14:27	
PHENOL-D5 (SURR)		59.2	%		TLL	03/23/2006 / 14:27	
NITROBENZENE-D5 (SURR)		64.8	%		TLL	03/23/2006 / 14:27	
2-FLUOROBIPHENYL (SURR)		62.9	%		TLL	03/23/2006 / 14:27	
2,4,6-TRIBROMOPHENOL (SURR)		70.3	%		TLL	03/23/2006 / 14:27	
TERPHENYL-D14 (SURR)		81.7	%		TLL	03/23/2006 / 14:27	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	35	NAC	03/20/2006 / 12:10	
PCB-1221	EPA 8082	ND	ug/Kg	35	NAC	03/20/2006 / 12:10	
PCB-1232	EPA 8082	ND	ug/Kg	35	NAC	03/20/2006 / 12:10	
PCB-1242	EPA 8082	ND	ug/Kg	35	NAC	03/20/2006 / 12:10	
PCB-1248	EPA 8082	ND	ug/Kg	35	NAC	03/20/2006 / 12:10	
PCB-1254	EPA 8082	ND	ug/Kg	35	NAC	03/20/2006 / 12:10	
PCB-1260	EPA 8082	ND	ug/Kg	35	NAC	03/20/2006 / 12:10	
PCB-1262	EPA 8082	ND	ug/Kg	35	NAC	03/20/2006 / 12:10	
PCB-1268	EPA 8082	ND	ug/Kg	35	NAC	03/20/2006 / 12:10	
TCMX (SURROGATE)		95.3	%		NAC	03/20/2006 / 12:10	
DCB (SURROGATE)		107	%		NAC	03/20/2006 / 12:10	



Customer: Metcalf & Eddy Associates

Workorder No. 0603-00130

Sample: 001 BC-2 60-62
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	1.90	JS	03/21/2006 / 1:00	M2
Aluminum	6010B, SW-846	2980	mg/Kg	19.0	JS	03/21/2006 / 1:00	MHA
Arsenic	6010B, SW-846	ND	mg/Kg	0.951	JS	03/21/2006 / 1:00	
Barium	6010B, SW-846	35.2	mg/Kg	2.9	JS	03/21/2006 / 1:00	
Beryllium	6010B, SW-846	ND	mg/Kg	0.285	JS	03/21/2006 / 1:00	
Cadmium	6010B, SW-846	ND	mg/Kg	0.285	JS	03/21/2006 / 1:00	
Chromium	6010B, SW-846	6.75	mg/Kg	0.951	JS	03/21/2006 / 1:00	
Calcium	6010B, SW-846	10000	mg/Kg	143	JS	03/21/2006 / 1:00	
Iron	6010B, SW-846	7910	mg/Kg	9.51	JS	03/21/2006 / 1:00	B1
Cobalt	6010B, SW-846	ND	mg/Kg	4.75	JS	03/21/2006 / 1:00	
Copper	6010B, SW-846	6.92	mg/Kg	4.75	JS	03/21/2006 / 1:00	
Lead	6010B, SW-846	3.27	mg/Kg	2.85	JS	03/21/2006 / 1:00	
Magnesium	6010B, SW-846	4720	mg/Kg	114	JS	03/21/2006 / 1:00	
Manganese	6010B, SW-846	185	mg/Kg	1.43	JS	03/21/2006 / 1:00	
Mercury	SW-846; 7471	0.0531	mg/Kg	0.0349	NAP	03/23/2006 / 10:06	
Nickel	6010B, SW-846	7.66	mg/Kg	3.80	JS	03/21/2006 / 1:00	
Vanadium	6010B, SW-846	8.80	mg/Kg	4.75	JS	03/21/2006 / 1:00	
Selenium	6010B, SW-846	ND	mg/Kg	1.90	JS	03/21/2006 / 1:00	
Potassium	6010B, SW-846	654	mg/Kg	143	JS	03/21/2006 / 1:00	
Silver	6010B, SW-846	ND	mg/Kg	0.48	JS	03/21/2006 / 1:00	
Sodium	6010B, SW-846	402	mg/Kg	143	JS	03/21/2006 / 1:00	
Thallium	6010B, SW-846	ND	mg/Kg	1.90	JS	03/21/2006 / 1:00	
Zinc	6010B, SW-846	17.6	mg/Kg	4.75	JS	03/21/2006 / 1:00	
Percent Solids		93.1	%		TLL	03/20/2006 / 8:48	
PCB OIL/SOIL EXTRACTIONS		30.54			ADW	03/20/2006 / 18:13	
Flame/ICP Solid Digestion	EPA 3050B	88.4956			JS	03/20/2006 / 16:17	

Sample: 002 BCS-7 44-46
Collection Date: 03/13/2006 Time: 10:10:00AM
Matrix: SOIL

Received Date: 03/17/2006 Time: 10:25:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Total Cyanide	SW9010	52	mg/Kg	0.57	*PH	03/21/2006 / 14:48	



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00130

Sample: 002 BCS-7 44-46
(Continued)

<u>Parameter</u>	<u>Method</u>	<u>Results</u>	<u>Units</u>	<u>PQL</u>	<u>Tech</u>	<u>Analysis Date/Time</u>	<u>Qual</u>
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
Chloromethane	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
Bromomethane	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
Chloroethane	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
Acrolein	EPA 8260B	ND	ug/Kg	45	MVP	03/20/2006 / 13:19	
Acetone	EPA 8260B	ND	ug/Kg	45	MVP	03/20/2006 / 13:19	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
Iodomethane	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	45	MVP	03/20/2006 / 13:19	
Methylene Chloride	EPA 8260B	ND	ug/Kg	36	MVP	03/20/2006 / 13:19	
Acrylonitrile	EPA 8260B	ND	ug/Kg	45	MVP	03/20/2006 / 13:19	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	45	MVP	03/20/2006 / 13:19	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	45	MVP	03/20/2006 / 13:19	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
Chloroform	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
Bromochloromethane	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
Benzene	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
Trichloroethylene	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	45	MVP	03/20/2006 / 13:19	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	45	MVP	03/20/2006 / 13:19	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
Toluene	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00130

Sample: 002 BCS-7 44-46
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
Dibromomethane	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
2-Hexanone	EPA 8260B	ND	ug/Kg	45	MVP	03/20/2006 / 13:19	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
Chlorobenzene	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
Ethylbenzene	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
M & P XYLENE	EPA 8260B	ND	ug/Kg	18	MVP	03/20/2006 / 13:19	
O-XYLENE	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
Styrene	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
Bromoform	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
Bromobenzene	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00130

Sample: 002 BCS-7 44-46
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
Naphthalene	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9.1	MVP	03/20/2006 / 13:19	
DIBROMOFLUOROMETHANE (SURR)		100	%		MVP	03/20/2006 / 13:19	
TOLUENE-D8 (SURROGATE)		98.3	%		MVP	03/20/2006 / 13:19	
4-BROMOFLUOROBENZENE (SURR)		100	%		MVP	03/20/2006 / 13:19	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
Phenol	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
Hexachloroethane	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	360	TLL	03/23/2006 / 15:05	
Nitrobenzene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
Isophorone	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
Naphthalene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00130

Sample: 002 BCS-7 44-46
(Continued)

<u>Parameter</u>	<u>Method</u>	<u>Results</u>	<u>Units</u>	<u>PQL</u>	<u>Tech</u>	<u>Analysis Date/Time</u>	<u>Qual</u>
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
Acenaphthylene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
Acenaphthene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
Dibenzofuran	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
Fluorene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
Phenanthrene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
Anthracene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
Carbazole	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
Fluoranthene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
Benzidine	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
Pyrene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
Chrysene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00130

Sample: 002 BCS-7 44-46
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 15:05	
2-FLUOROPHENOL (SURR)		64.6	%		TLL	03/23/2006 / 15:05	
PHENOL-D5 (SURR)		62.0	%		TLL	03/23/2006 / 15:05	
NITROBENZENE-D5 (SURR)		66.4	%		TLL	03/23/2006 / 15:05	
2-FLUOROBIPHENYL (SURR)		54.5	%		TLL	03/23/2006 / 15:05	
2,4,6-TRIBROMOPHENOL (SURR)		68.5	%		TLL	03/23/2006 / 15:05	
TERPHENYL-D14 (SURR)		79.4	%		TLL	03/23/2006 / 15:05	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	36	NAC	03/20/2006 / 12:52	
PCB-1221	EPA 8082	ND	ug/Kg	36	NAC	03/20/2006 / 12:52	
PCB-1232	EPA 8082	ND	ug/Kg	36	NAC	03/20/2006 / 12:52	
PCB-1242	EPA 8082	ND	ug/Kg	36	NAC	03/20/2006 / 12:52	
PCB-1248	EPA 8082	ND	ug/Kg	36	NAC	03/20/2006 / 12:52	
PCB-1254	EPA 8082	ND	ug/Kg	36	NAC	03/20/2006 / 12:52	
PCB-1260	EPA 8082	ND	ug/Kg	36	NAC	03/20/2006 / 12:52	
PCB-1262	EPA 8082	ND	ug/Kg	36	NAC	03/20/2006 / 12:52	
PCB-1268	EPA 8082	ND	ug/Kg	36	NAC	03/20/2006 / 12:52	
TCMX (SURROGATE)		92.3	%		NAC	03/20/2006 / 12:52	
DCB (SURROGATE)		93.5	%		NAC	03/20/2006 / 12:52	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.15	JS	03/21/2006 / 1:00	
Aluminum	6010B, SW-846	10900	mg/Kg	21.5	JS	03/21/2006 / 1:00	
Arsenic	6010B, SW-846	2.93	mg/Kg	1.08	JS	03/21/2006 / 1:00	
Barium	6010B, SW-846	36.4	mg/Kg	3.2	JS	03/21/2006 / 1:00	
Beryllium	6010B, SW-846	0.779	mg/Kg	0.323	JS	03/21/2006 / 1:00	
Cadmium	6010B, SW-846	ND	mg/Kg	0.323	JS	03/21/2006 / 1:00	
Chromium	6010B, SW-846	25.1	mg/Kg	1.08	JS	03/21/2006 / 1:00	
Calcium	6010B, SW-846	1370	mg/Kg	161	JS	03/21/2006 / 1:00	
Iron	6010B, SW-846	22700	mg/Kg	10.8	JS	03/21/2006 / 1:00	B1



Customer: Metcalf & Eddy Associates

Workorder No. 0603-00130

Sample: 002 BCS-7 44-46
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Cobalt	6010B, SW-846	8.99	mg/Kg	5.38	JS	03/21/2006 / 1:00	
Copper	6010B, SW-846	20.0	mg/Kg	5.38	JS	03/21/2006 / 1:00	
Lead	6010B, SW-846	11.7	mg/Kg	3.23	JS	03/21/2006 / 1:00	
Magnesium	6010B, SW-846	3100	mg/Kg	129	JS	03/21/2006 / 1:00	
Manganese	6010B, SW-846	499	mg/Kg	1.61	JS	03/21/2006 / 1:00	
Mercury	SW-846; 7471	ND	mg/Kg	0.0362	NAP	03/23/2006 / 10:06	
Nickel	6010B, SW-846	16.8	mg/Kg	4.30	JS	03/21/2006 / 1:00	
Vanadium	6010B, SW-846	32.5	mg/Kg	5.38	JS	03/21/2006 / 1:00	
Selenium	6010B, SW-846	ND	mg/Kg	2.15	JS	03/21/2006 / 1:00	
Potassium	6010B, SW-846	1850	mg/Kg	161	JS	03/21/2006 / 1:00	
Silver	6010B, SW-846	ND	mg/Kg	0.54	JS	03/21/2006 / 1:00	
Sodium	6010B, SW-846	1170	mg/Kg	161	JS	03/21/2006 / 1:00	
Thallium	6010B, SW-846	ND	mg/Kg	2.15	JS	03/21/2006 / 1:00	
Zinc	6010B, SW-846	50.7	mg/Kg	5.38	JS	03/21/2006 / 1:00	
Percent Solids		92.0	%		TLL	03/20/2006 / 8:48	
PCB OIL/SOIL EXTRACTIONS		30.52			ADW	03/20/2006 / 18:13	
Flame/ICP Solid Digestion	EPA 3050B	99.0099			JS	03/20/2006 / 16:17	

Sample: 003 BCS-8 24-26
Collection Date: 03/13/2006 Time: 1:30:00PM
Matrix: SOIL

Received Date: 03/17/2006 Time: 10:25:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Total Cyanide	SW9010	1.4	mg/Kg	1.2	*PH	03/21/2006 / 14:48	
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
Chloromethane	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
Bromomethane	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
Chloroethane	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
Acrolein	EPA 8260B	ND	ug/Kg	100	MVP	03/20/2006 / 13:50	
Acetone	EPA 8260B	290	ug/Kg	100	MVP	03/20/2006 / 13:50	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00130

Sample: 003 BCS-8 24-26
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Iodomethane	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	100	MVP	03/20/2006 / 13:50	
Methylene Chloride	EPA 8260B	ND	ug/Kg	80	MVP	03/20/2006 / 13:50	
Acrylonitrile	EPA 8260B	ND	ug/Kg	100	MVP	03/20/2006 / 13:50	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	100	MVP	03/20/2006 / 13:50	J
Vinyl Acetate	EPA 8260B	ND	ug/Kg	100	MVP	03/20/2006 / 13:50	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
Chloroform	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
Bromochloromethane	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
Benzene	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
Trichloroethylene	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	100	MVP	03/20/2006 / 13:50	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	100	MVP	03/20/2006 / 13:50	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
Toluene	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
Dibromomethane	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
2-Hexanone	EPA 8260B	ND	ug/Kg	100	MVP	03/20/2006 / 13:50	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
Chlorobenzene	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00130

Sample: 003 BCS-8 24-26
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
Ethylbenzene	EPA 8260B	25	ug/Kg	20	MVP	03/20/2006 / 13:50	
M & P XYLENE	EPA 8260B	ND	ug/Kg	40	MVP	03/20/2006 / 13:50	J
O-XYLENE	EPA 8260B	76	ug/Kg	20	MVP	03/20/2006 / 13:50	
Styrene	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
Bromoform	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
Isopropylbenzene	EPA 8260B	20	ug/Kg	20	MVP	03/20/2006 / 13:50	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
Bromobenzene	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
1,3,5-Trimethylbenzene	EPA 8260B	39	ug/Kg	20	MVP	03/20/2006 / 13:50	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
1,2,4-Trimethylbenzene	EPA 8260B	230	ug/Kg	20	MVP	03/20/2006 / 13:50	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	J
4-Isopropyltoluene	EPA 8260B	37	ug/Kg	20	MVP	03/20/2006 / 13:50	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	J
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
Naphthalene	EPA 8260B	320	ug/Kg	20	MVP	03/20/2006 / 13:50	B
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 13:50	
DIBROMOFLUOROMETHANE (SURR)		107	%		MVP	03/20/2006 / 13:50	
TOLUENE-D8 (SURROGATE)		95.4	%		MVP	03/20/2006 / 13:50	
4-BROMOFLUOROBENZENE (SURR)		108	%		MVP	03/20/2006 / 13:50	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00130

Sample: 003 BCS-8 24-26
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Phenol	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
Hexachloroethane	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	700	TLL	03/23/2006 / 15:43	J
Nitrobenzene	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
Isophorone	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
Naphthalene	EPA 8270C	3200	ug/Kg	350	TLL	03/23/2006 / 15:43	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
2-Methyl Naphthalene	EPA 8270C	5500	ug/Kg	1800	TLL	03/23/2006 / 20:45	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
Acenaphthylene	EPA 8270C	1000	ug/Kg	350	TLL	03/23/2006 / 15:43	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
Acenaphthene	EPA 8270C	2800	ug/Kg	350	TLL	03/23/2006 / 15:43	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00130

Sample: 003 BCS-8 24-26
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Dibenzofuran	EPA 8270C	620	ug/Kg	350	TLL	03/23/2006 / 15:43	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
Fluorene	EPA 8270C	3400	ug/Kg	1800	TLL	03/23/2006 / 20:45	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
Phenanthrene	EPA 8270C	10000	ug/Kg	1800	TLL	03/23/2006 / 20:45	
Anthracene	EPA 8270C	4000	ug/Kg	1800	TLL	03/23/2006 / 20:45	
Carbazole	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
Di-n-butylphthalate	EPA 8270C	9000	ug/Kg	1800	TLL	03/23/2006 / 20:45	
Fluoranthene	EPA 8270C	6600	ug/Kg	1800	TLL	03/23/2006 / 20:45	
Benzidine	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
Pyrene	EPA 8270C	6700	ug/Kg	1800	TLL	03/23/2006 / 20:45	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
3,3'-Dichlorbenzidine	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
Benzo(a)anthracene	EPA 8270C	2700	ug/Kg	350	TLL	03/23/2006 / 15:43	
Chrysene	EPA 8270C	2700	ug/Kg	350	TLL	03/23/2006 / 15:43	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	J
Benzo(b)fluoranthene	EPA 8270C	1600	ug/Kg	350	TLL	03/23/2006 / 15:43	
Banzo(k)fluoranthene	EPA 8270C	1800	ug/Kg	350	TLL	03/23/2006 / 15:43	
Benzo(a)pyrene	EPA 8270C	2400	ug/Kg	350	TLL	03/23/2006 / 15:43	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 15:43	J
2-FLUOROPHENQL (SURR)		42.9	%		TLL	03/23/2006 / 15:43	
PHENOL-D5 (SURR)		48.4	%		TLL	03/23/2006 / 15:43	
NITROBENZENE-D5 (SURR)		44.9	%		TLL	03/23/2006 / 15:43	
2-FLUOROBIPHENYL (SURR)		58.1	%		TLL	03/23/2006 / 15:43	



Customer: Metcalf & Eddy Associates

Workorder No. 0603-00130

Sample: 003 BCS-8 24-26
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2,4,6-TRIBROMOPHENOL (SURR)		58.0	%		TLL	03/23/2006 / 15:43	
TERPHENYL-D14 (SURR)		40.0	%		TLL	03/23/2006 / 15:43	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	69	NAC	03/20/2006 / 12:38	
PCB-1221	EPA 8082	ND	ug/Kg	69	NAC	03/20/2006 / 12:38	
PCB-1232	EPA 8082	ND	ug/Kg	69	NAC	03/20/2006 / 12:38	
PCB-1242	EPA 8082	ND	ug/Kg	69	NAC	03/20/2006 / 12:38	
PCB-1248	EPA 8082	ND	ug/Kg	69	NAC	03/20/2006 / 12:38	
PCB-1254	EPA 8082	ND	ug/Kg	69	NAC	03/20/2006 / 12:38	
PCB-1260	EPA 8082	ND	ug/Kg	69	NAC	03/20/2006 / 12:38	
PCB-1262	EPA 8082	ND	ug/Kg	69	NAC	03/20/2006 / 12:38	
PCB-1268	EPA 8082	ND	ug/Kg	69	NAC	03/20/2006 / 12:38	
TCMX (SURROGATE)		53.1	%		NAC	03/20/2006 / 12:38	
DCB (SURROGATE)		88.8	%		NAC	03/20/2006 / 12:38	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	4.11	JS	03/21/2006 / 1:00	
Aluminum	6010B, SW-846	12200	mg/Kg	41.1	JS	03/21/2006 / 1:00	
Arsenic	6010B, SW-846	51.5	mg/Kg	2.06	JS	03/21/2006 / 1:00	
Barium	6010B, SW-846	441	mg/Kg	6.2	JS	03/21/2006 / 1:00	
Beryllium	6010B, SW-846	0.846	mg/Kg	0.617	JS	03/21/2006 / 1:00	
Cadmium	6010B, SW-846	11.8	mg/Kg	0.617	JS	03/21/2006 / 1:00	
Chromium	6010B, SW-846	421	mg/Kg	2.06	JS	03/21/2006 / 1:00	
Calcium	6010B, SW-846	5020	mg/Kg	309	JS	03/21/2006 / 1:00	
Iron	6010B, SW-846	34400	mg/Kg	20.6	JS	03/21/2006 / 1:00	B1
Cobalt	6010B, SW-846	11.7	mg/Kg	10.3	JS	03/21/2006 / 1:00	
Copper	6010B, SW-846	498	mg/Kg	10.3	JS	03/21/2006 / 1:00	
Lead	6010B, SW-846	1350	mg/Kg	6.17	JS	03/21/2006 / 1:00	
Magnesium	6010B, SW-846	6180	mg/Kg	247	JS	03/21/2006 / 1:00	
Manganese	6010B, SW-846	297	mg/Kg	3.09	JS	03/21/2006 / 1:00	
Mercury	SW-846; 7471	6.14	mg/Kg	0.212	NAP	03/23/2006 / 10:06	
Nickel	6010B, SW-846	52.9	mg/Kg	8.23	JS	03/21/2006 / 1:00	
Vanadium	6010B, SW-846	52.3	mg/Kg	10.3	JS	03/21/2006 / 1:00	
Selenium	6010B, SW-846	5.38	mg/Kg	4.11	JS	03/21/2006 / 1:00	
Potassium	6010B, SW-846	3080	mg/Kg	309	JS	03/21/2006 / 1:00	



Customer: Metcalf & Eddy Associates

Workorder No. 0603-00130

Sample: 003 BCS-8 24-26
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Silver	6010B, SW-846	10.9	mg/Kg	1.0	JS	03/21/2006 / 1:00	
Sodium	6010B, SW-846	8320	mg/Kg	309	JS	03/21/2006 / 1:00	
Thallium	6010B, SW-846	ND	mg/Kg	4.11	JS	03/21/2006 / 1:00	
Zinc	6010B, SW-846	936	mg/Kg	10.3	JS	03/21/2006 / 1:00	
Percent Solids		47.2	%		TLL	03/20/2006 / 8:48	
PCB OIL/SOIL EXTRACTIONS		30.56			ADW	03/20/2006 / 18:13	
Flame/ICP Solid Digestion	EPA 3050B	97.0874			JS	03/20/2006 / 16:17	

Sample: 004 BCS-8 48-50
Collection Date: 03/14/2006 Time: 11:30:00AM
Matrix: SOIL

Received Date: 03/17/2006 Time: 10:25:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Total Cyanide	SW9010	ND	mg/Kg	0.57	*PH	03/21/2006 / 14:48	
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
Chloromethane	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
Bromomethane	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
Chloroethane	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
Acrolein	EPA 8260B	ND	ug/Kg	44	MVP	03/20/2006 / 18:21	
Acetone	EPA 8260B	ND	ug/Kg	44	MVP	03/20/2006 / 18:21	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
Iodomethane	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	44	MVP	03/20/2006 / 18:21	
Methylene Chloride	EPA 8260B	ND	ug/Kg	36	MVP	03/20/2006 / 18:21	
Acrylonitrile	EPA 8260B	ND	ug/Kg	44	MVP	03/20/2006 / 18:21	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	44	MVP	03/20/2006 / 18:21	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	44	MVP	03/20/2006 / 18:21	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00130

Sample: 004 BCS-8 48-50
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
Chloroform	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
Bromochloromethane	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
Benzene	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
Trichloroethylene	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	44	MVP	03/20/2006 / 18:21	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	44	MVP	03/20/2006 / 18:21	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
Toluene	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
Dibromomethane	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
2-Hexanone	EPA 8260B	ND	ug/Kg	44	MVP	03/20/2006 / 18:21	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
Chlorobenzene	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
Ethylbenzene	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
M & P XYLENE	EPA 8260B	ND	ug/Kg	18	MVP	03/20/2006 / 18:21	
O-XYLENE	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
Styrene	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
Bromoform	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00130

Sample: 004 BCS-8 48-50

(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
Bromobenzene	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
Naphthalene	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	8.9	MVP	03/20/2006 / 18:21	
DIBROMOFLUOROMETHANE (SURR)		96.5	%		MVP	03/20/2006 / 18:21	
TOLUENE-D8 (SURROGATE)		99.0	%		MVP	03/20/2006 / 18:21	
4-BROMOFLUOROBENZENE (SURR)		107	%		MVP	03/20/2006 / 18:21	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
Phenol	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
Hexachloroethane	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	360	TLL	03/23/2006 / 16:21	



Customer: Metcalf & Eddy Associates

Workorder No. 0603-00130

Sample: 004 BCS-8 48-50
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Nitrobenzene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
Isophorone	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
Naphthalene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
Acenaphthylene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
Acenaphthene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
Dibenzofuran	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
Fluorene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00130

Sample: 004 BCS-8 48-50

(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Pentachlorophenol	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
Phenanthrene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
Anthracene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
Carbazole	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
Fluoranthene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
Benzidine	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
Pyrene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
3,3'-Dichlorbenzidine	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
Chrysene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	180	TLL	03/23/2006 / 16:21	
2-FLUOROPHENOL (SURR)		62.4	%		TLL	03/23/2006 / 16:21	
PHENOL-D5 (SURR)		59.6	%		TLL	03/23/2006 / 16:21	
NITROBENZENE-D5 (SURR)		66.7	%		TLL	03/23/2006 / 16:21	
2-FLUOROBIPHENYL (SURR)		65.8	%		TLL	03/23/2006 / 16:21	
2,4,6-TRIBROMOPHENOL (SURR)		70.2	%		TLL	03/23/2006 / 16:21	
TERPHENYL-D14 (SURR)		77.9	%		TLL	03/23/2006 / 16:21	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	35	NAC	03/20/2006 / :20	
PCB-1221	EPA 8082	ND	ug/Kg	35	NAC	03/20/2006 / :20	
PCB-1232	EPA 8082	ND	ug/Kg	35	NAC	03/20/2006 / :20	
PCB-1242	EPA 8082	ND	ug/Kg	35	NAC	03/20/2006 / :20	
PCB-1248	EPA 8082	ND	ug/Kg	35	NAC	03/20/2006 / :20	
PCB-1254	EPA 8082	ND	ug/Kg	35	NAC	03/20/2006 / :20	
PCB-1260	EPA 8082	ND	ug/Kg	35	NAC	03/20/2006 / :20	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected

PQL= Practical Quantitation Limit

Page: 22 of 58



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00130

Sample: 004 BCS-8 48-50
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-1262	EPA 8082	ND	ug/Kg	35	NAC	03/20/2006 / :20	
PCB-1268	EPA 8082	ND	ug/Kg	35	NAC	03/20/2006 / :20	
TCMX (SURROGATE)		88.5	%		NAC	03/20/2006 / :20	
DCB (SURROGATE)		98.3	%		NAC	03/20/2006 / :20	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.09	JS	03/21/2006 / 1:00	
Aluminum	6010B, SW-846	6830	mg/Kg	20.9	JS	03/21/2006 / 1:00	
Arsenic	6010B, SW-846	4.27	mg/Kg	1.05	JS	03/21/2006 / 1:00	
Barium	6010B, SW-846	16.2	mg/Kg	3.1	JS	03/21/2006 / 1:00	
Beryllium	6010B, SW-846	0.508	mg/Kg	0.314	JS	03/21/2006 / 1:00	
Cadmium	6010B, SW-846	ND	mg/Kg	0.314	JS	03/21/2006 / 1:00	
Chromium	6010B, SW-846	12.7	mg/Kg	1.05	JS	03/21/2006 / 1:00	
Calcium	6010B, SW-846	1760	mg/Kg	157	JS	03/21/2006 / 1:00	
Iron	6010B, SW-846	40100	mg/Kg	10.5	JS	03/21/2006 / 1:00	B1
Cobalt	6010B, SW-846	ND	mg/Kg	5.23	JS	03/21/2006 / 1:00	
Copper	6010B, SW-846	6.24	mg/Kg	5.23	JS	03/21/2006 / 1:00	
Lead	6010B, SW-846	4.88	mg/Kg	3.14	JS	03/21/2006 / 1:00	
Magnesium	6010B, SW-846	1480	mg/Kg	125	JS	03/21/2006 / 1:00	
Manganese	6010B, SW-846	1050	mg/Kg	1.57	JS	03/21/2006 / 1:00	
Mercury	SW-846; 7471	ND	mg/Kg	0.0357	NAP	03/23/2006 / 10:06	
Nickel	6010B, SW-846	6.11	mg/Kg	4.18	JS	03/21/2006 / 1:00	
Vanadium	6010B, SW-846	15.0	mg/Kg	5.23	JS	03/21/2006 / 1:00	
Selenium	6010B, SW-846	ND	mg/Kg	2.09	JS	03/21/2006 / 1:00	
Potassium	6010B, SW-846	376	mg/Kg	157	JS	03/21/2006 / 1:00	
Silver	6010B, SW-846	ND	mg/Kg	0.52	JS	03/21/2006 / 1:00	
Sodium	6010B, SW-846	957	mg/Kg	157	JS	03/21/2006 / 1:00	
Thallium	6010B, SW-846	ND	mg/Kg	2.09	JS	03/21/2006 / 1:00	
Zinc	6010B, SW-846	16.3	mg/Kg	5.23	JS	03/21/2006 / 1:00	
Percent Solids		92.9	%		TLL	03/20/2006 / 8:48	
PCB OIL/SOIL EXTRACTIONS		30.46			ADW	03/20/2006 / 18:13	
Flame/ICP Solid Digestion	EPA 3050B	97.0874			JS	03/20/2006 / 16:17	

Sample: 005 BC-1 21-23



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00130

Sample: 005 BC-1 21-23
(Continued)

Collection Date: 03/14/2006 Time: 11:15:00AM

Received Date: 03/17/2006 Time: 10:25:00AM

Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Total Cyanide	SW9010	ND	mg/Kg	0.66	*PH	03/21/2006 / 14:48	
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
Chloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
Bromomethane	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
Chloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
Acrolein	EPA 8260B	ND	ug/Kg	50	MVP	03/20/2006 / 14:51	
Acetone	EPA 8260B	ND	ug/Kg	50	MVP	03/20/2006 / 14:51	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
Iodomethane	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	50	MVP	03/20/2006 / 14:51	
Methylene Chloride	EPA 8260B	ND	ug/Kg	40	MVP	03/20/2006 / 14:51	
Acrylonitrile	EPA 8260B	ND	ug/Kg	50	MVP	03/20/2006 / 14:51	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	50	MVP	03/20/2006 / 14:51	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	50	MVP	03/20/2006 / 14:51	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
Chloroform	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
Bromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
Benzene	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
Trichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	50	MVP	03/20/2006 / 14:51	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected

PQL= Practical Quantitation Limit

Page: 24 of 58



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00130

Sample: 005 BC-1 21-23
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	50	MVP	03/20/2006 / 14:51	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
Toluene	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
Dibromomethane	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
2-Hexanone	EPA 8260B	ND	ug/Kg	50	MVP	03/20/2006 / 14:51	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
Chlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
Ethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
M & P XYLENE	EPA 8260B	ND	ug/Kg	20	MVP	03/20/2006 / 14:51	
O-XYLENE	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
Styrene	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
Bromoform	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
Bromobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	



Customer:

Metcalfe & Eddy Associates

Workorder No.

0603-00130

Sample: 005 BC-1 21-23
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
n-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
Naphthalene	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/20/2006 / 14:51	
DIBROMOFLUOROMETHANE (SURR)		103	%		MVP	03/20/2006 / 14:51	
TOLUENE-D8 (SURROGATE)		96.2	%		MVP	03/20/2006 / 14:51	
4-BROMOFLUOROBENZENE (SURR)		113	%		MVP	03/20/2006 / 14:51	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
Phenol	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
Hexachloroethane	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 22:38	
Nitrobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
Isophorone	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
Naphthalene	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 26 of 58



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00130

Sample: 005 BC-1 21-23
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
Acenaphthylene	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
Acenaphthene	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
Dibenzofuran	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
Fluorene	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
Phenanthrene	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	J
Anthracene	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
Carbazole	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
Fluoranthene	EPA 8270C	210	ug/Kg	200	TLL	03/23/2006 / 22:38	
Benzidine	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
Pyrene	EPA 8270C	210	ug/Kg	200	TLL	03/23/2006 / 22:38	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
3,3'-Dichlorbenzidine	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	J



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00130

Sample: 005 BC-1 21-23
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Chrysene	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	J
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	J
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	J
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	J
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	J
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	200	TLL	03/23/2006 / 22:38	
2-FLUOROPHENOL (SURR)		57.0	%		TLL	03/23/2006 / 22:38	
PHENOL-D5 (SURR)		55.7	%		TLL	03/23/2006 / 22:38	
NITROBENZENE-D5 (SURR)		56.2	%		TLL	03/23/2006 / 22:38	
2-FLUOROBIPHENYL (SURR)		35.7	%		TLL	03/23/2006 / 22:38	G6
2,4,6-TRIBROMOPHENOL (SURR)		69.9	%		TLL	03/23/2006 / 22:38	
TERPHENYL-D14 (SURR)		39.3	%		TLL	03/23/2006 / 22:38	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	40	NAC	03/20/2006 / :55	
PCB-1221	EPA 8082	ND	ug/Kg	40	NAC	03/20/2006 / :55	
PCB-1232	EPA 8082	ND	ug/Kg	40	NAC	03/20/2006 / :55	
PCB-1242	EPA 8082	ND	ug/Kg	40	NAC	03/20/2006 / :55	
PCB-1248	EPA 8082	ND	ug/Kg	40	NAC	03/20/2006 / :55	
PCB-1254	EPA 8082	ND	ug/Kg	40	NAC	03/20/2006 / :55	
PCB-1260	EPA 8082	130	ug/Kg	40	NAC	03/20/2006 / :55	
PCB-1262	EPA 8082	ND	ug/Kg	40	NAC	03/20/2006 / :55	
PCB-1268	EPA 8082	ND	ug/Kg	40	NAC	03/20/2006 / :55	
TCMX (SURROGATE)		59.6	%		NAC	03/20/2006 / :55	
DCB (SURROGATE)		64.3	%		NAC	03/20/2006 / :55	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.31	JS	03/21/2006 / 1:00	
Aluminum	6010B, SW-846	7100	mg/Kg	23.1	JS	03/21/2006 / 1:00	
Arsenic	6010B, SW-846	12.0	mg/Kg	1.15	JS	03/21/2006 / 1:00	
Barium	6010B, SW-846	95.9	mg/Kg	3.5	JS	03/21/2006 / 1:00	
Beryllium	6010B, SW-846	0.391	mg/Kg	0.346	JS	03/21/2006 / 1:00	
Cadmium	6010B, SW-846	2.06	mg/Kg	0.346	JS	03/21/2006 / 1:00	



Customer: Metcalf & Eddy Associates

Workorder No. 0603-00130

Sample: 005 BC-1 21-23
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Chromium	6010B, SW-846	62.9	mg/Kg	1.15	JS	03/21/2006 / 1:00	
Calcium	6010B, SW-846	2170	mg/Kg	173	JS	03/21/2006 / 1:00	
Iron	6010B, SW-846	23200	mg/Kg	11.5	JS	03/21/2006 / 1:00	B1
Cobalt	6010B, SW-846	ND	mg/Kg	5.77	JS	03/21/2006 / 1:00	
Copper	6010B, SW-846	91.0	mg/Kg	5.77	JS	03/21/2006 / 1:00	
Lead	6010B, SW-846	366	mg/Kg	3.46	JS	03/21/2006 / 1:00	
Magnesium	6010B, SW-846	3160	mg/Kg	138	JS	03/21/2006 / 1:00	
Manganese	6010B, SW-846	209	mg/Kg	1.73	JS	03/21/2006 / 1:00	
Mercury	SW-846; 7471	0.719	mg/Kg	0.0392	NAP	03/23/2006 / 10:06	
Nickel	6010B, SW-846	21.1	mg/Kg	4.61	JS	03/21/2006 / 1:00	
Vanadium	6010B, SW-846	30.4	mg/Kg	5.77	JS	03/21/2006 / 1:00	
Selenium	6010B, SW-846	ND	mg/Kg	2.31	JS	03/21/2006 / 1:00	
Potassium	6010B, SW-846	1230	mg/Kg	173	JS	03/21/2006 / 1:00	
Silver	6010B, SW-846	1.59	mg/Kg	0.58	JS	03/21/2006 / 1:00	
Sodium	6010B, SW-846	850	mg/Kg	173	JS	03/21/2006 / 1:00	
Thallium	6010B, SW-846	ND	mg/Kg	2.31	JS	03/21/2006 / 1:00	
Zinc	6010B, SW-846	179	mg/Kg	5.77	JS	03/21/2006 / 1:00	
Percent Solids		81.8	%		TLL	03/20/2006 / 8:48	
PCB OIL/SOIL EXTRACTIONS		30.33			ADW	03/20/2006 / 18:13	
Flame/ICP Solid Digestion	EPA 3050B	94.3396			JS	03/20/2006 / 16:17	

Sample: 006 BC-1 60-62
Collection Date: 03/15/2006 Time: 10:10:00AM
Matrix: SOIL

Received Date: 03/17/2006 Time: 10:25:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Total Cyanide	SW9010	ND	mg/Kg	0.57	*PH	03/21/2006 / 14:48	
Volatiles Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
Chloromethane	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
Bromomethane	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
Chloroethane	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	



Customer: Metcalf & Eddy Associates

Workorder No. 0603-00130

Sample: 006 BC-1 60-62
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Acrolein	EPA 8260B	ND	ug/Kg	47	MVP	03/20/2006 / 15:21	
Acetone	EPA 8260B	ND	ug/Kg	47	MVP	03/20/2006 / 15:21	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
Iodomethane	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	47	MVP	03/20/2006 / 15:21	
Methylene Chloride	EPA 8260B	ND	ug/Kg	37	MVP	03/20/2006 / 15:21	
Acrylonitrile	EPA 8260B	ND	ug/Kg	47	MVP	03/20/2006 / 15:21	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	47	MVP	03/20/2006 / 15:21	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	47	MVP	03/20/2006 / 15:21	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
Chloroform	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
Bromochloromethane	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
Benzene	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
Trichloroethylene	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	47	MVP	03/20/2006 / 15:21	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	47	MVP	03/20/2006 / 15:21	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
Toluene	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
Dibromomethane	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
2-Hexanone	EPA 8260B	ND	ug/Kg	47	MVP	03/20/2006 / 15:21	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00130

Sample: 006 BC-1 60-62
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
Chlorobenzene	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
Ethylbenzene	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
M & P XYLENE	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 15:21	
O-XYLENE	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
Styrene	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
Bromoform	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
Bromobenzene	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
Naphthalene	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9.3	MVP	03/20/2006 / 15:21	
DIBROMOFLUOROMETHANE (SURR)		99.2	%		MVP	03/20/2006 / 15:21	
TOLUENE-D8 (SURROGATE)		103	%		MVP	03/20/2006 / 15:21	
4-BROMOFLUOROBENZENE (SURR)		104	%		MVP	03/20/2006 / 15:21	



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00130

Sample: 006 BC-1 60-62
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
Phenol	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
Hexachloroethane	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	350	TLL	03/23/2006 / 17:36	
Nitrobenzene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
Isophorone	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
Naphthalene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
Acenaphthylene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
Acenaphthene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00130

Sample: 006 BC-1 60-62
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
3-Nitroaniline	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
Dibenzofuran	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
Fluorene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
Phenanthrene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
Anthracene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
Carbazole	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
Fluoranthene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
Benzidine	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
Pyrene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
Chrysene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 17:36	
2-FLUOROPHENOL (SURR)		64.8	%		TLL	03/23/2006 / 17:36	



Customer: Metcalf & Eddy Associates

Workorder No. 0603-00130

Sample: 006 BC-1 60-62
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PHENOL-D5 (SURR)		61.6	%		TLL	03/23/2006 / 17:36	
NITROBENZENE-D5 (SURR)		67.3	%		TLL	03/23/2006 / 17:36	
2-FLUOROBIPHENYL (SURR)		60.6	%		TLL	03/23/2006 / 17:36	
2,4,6-TRIBROMOPHENOL (SURR)		69.0	%		TLL	03/23/2006 / 17:36	
TERPHENYL-D14 (SURR)		78.2	%		TLL	03/23/2006 / 17:36	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	35	NAC	03/20/2006 / 12:13	
PCB-1221	EPA 8082	ND	ug/Kg	35	NAC	03/20/2006 / 12:13	
PCB-1232	EPA 8082	ND	ug/Kg	35	NAC	03/20/2006 / 12:13	
PCB-1242	EPA 8082	ND	ug/Kg	35	NAC	03/20/2006 / 12:13	
PCB-1248	EPA 8082	ND	ug/Kg	35	NAC	03/20/2006 / 12:13	
PCB-1254	EPA 8082	ND	ug/Kg	35	NAC	03/20/2006 / 12:13	
PCB-1260	EPA 8082	ND	ug/Kg	35	NAC	03/20/2006 / 12:13	
PCB-1262	EPA 8082	ND	ug/Kg	35	NAC	03/20/2006 / 12:13	
PCB-1268	EPA 8082	ND	ug/Kg	35	NAC	03/20/2006 / 12:13	
TCMX (SURROGATE)		87.8	%		NAC	03/20/2006 / 12:13	
DCB (SURROGATE)		103	%		NAC	03/20/2006 / 12:13	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.09	JS	03/21/2006 / 1:00	
Aluminum	6010B, SW-846	7160	mg/Kg	20.9	JS	03/21/2006 / 1:00	
Arsenic	6010B, SW-846	ND	mg/Kg	1.04	JS	03/21/2006 / 1:00	
Barium	6010B, SW-846	68.2	mg/Kg	3.1	JS	03/21/2006 / 1:00	
Beryllium	6010B, SW-846	0.512	mg/Kg	0.313	JS	03/21/2006 / 1:00	
Cadmium	6010B, SW-846	ND	mg/Kg	0.313	JS	03/21/2006 / 1:00	
Chromium	6010B, SW-846	18.4	mg/Kg	1.04	JS	03/21/2006 / 1:00	
Calcium	6010B, SW-846	9040	mg/Kg	157	JS	03/21/2006 / 1:00	
Iron	6010B, SW-846	14600	mg/Kg	10.4	JS	03/21/2006 / 1:00	B1
Cobalt	6010B, SW-846	7.08	mg/Kg	5.22	JS	03/21/2006 / 1:00	
Copper	6010B, SW-846	17.7	mg/Kg	5.22	JS	03/21/2006 / 1:00	
Lead	6010B, SW-846	6.74	mg/Kg	3.13	JS	03/21/2006 / 1:00	
Magnesium	6010B, SW-846	6180	mg/Kg	125	JS	03/21/2006 / 1:00	
Manganese	6010B, SW-846	327	mg/Kg	1.57	JS	03/21/2006 / 1:00	
Mercury	SW-846; 7471	ND	mg/Kg	0.0343	NAP	03/23/2006 / 10:06	
Nickel	6010B, SW-846	16.8	mg/Kg	4.18	JS	03/21/2006 / 1:00	



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00130

Sample: 006 BC-1 60-62
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Vanadium	6010B, SW-846	21.6	mg/Kg	5.22	JS	03/21/2006 / 1:00	
Selenium	6010B, SW-846	ND	mg/Kg	2.09	JS	03/21/2006 / 1:00	
Potassium	6010B, SW-846	2660	mg/Kg	157	JS	03/21/2006 / 1:00	
Silver	6010B, SW-846	ND	mg/Kg	0.52	JS	03/21/2006 / 1:00	
Sodium	6010B, SW-846	708	mg/Kg	157	JS	03/21/2006 / 1:00	
Thallium	6010B, SW-846	2.56	mg/Kg	2.09	JS	03/21/2006 / 1:00	
Zinc	6010B, SW-846	37.0	mg/Kg	5.22	JS	03/21/2006 / 1:00	
Percent Solids		93.9	%		TLL	03/20/2006 / 8:48	
PCB OIL/SOIL EXTRACTIONS		30.28			ADW	03/20/2006 / 18:13	
Flame/ICP Solid Digestion	EPA 3050B	98.0392			JS	03/20/2006 / 16:17	

Sample: 007 BCS-9 16-18
Collection Date: 03/15/2006 Time: 12:30:00PM
Matrix: SOIL

Received Date: 03/17/2006 Time: 10:25:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Total Cyanide	SW9010	26	mg/Kg	1.4	*PH	03/21/2006 / 14:48	
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
Chloromethane	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
Bromomethane	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
Chloroethane	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
Acrolein	EPA 8260B	ND	ug/Kg	95	MVP	03/20/2006 / 19:21	
Acetone	EPA 8260B	1000	ug/Kg	95	MVP	03/20/2006 / 19:21	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
Iodomethane	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	95	MVP	03/20/2006 / 19:21	
Methylene Chloride	EPA 8260B	ND	ug/Kg	76	MVP	03/20/2006 / 19:21	
Acrylonitrile	EPA 8260B	ND	ug/Kg	95	MVP	03/20/2006 / 19:21	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00130

Sample: 007 BCS-9 16-18
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2-Butanone-(MEK)	EPA 8260B	310	ug/Kg	95	MVP	03/20/2006 / 19:21	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	95	MVP	03/20/2006 / 19:21	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
Chloroform	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
Bromochloromethane	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
Benzene	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
Trichloroethylene	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	95	MVP	03/20/2006 / 19:21	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	95	MVP	03/20/2006 / 19:21	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
Toluene	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
Dibromomethane	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
2-Hexanone	EPA 8260B	ND	ug/Kg	95	MVP	03/20/2006 / 19:21	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
Chlorobenzene	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
Ethylbenzene	EPA 8260B	23	ug/Kg	19	MVP	03/20/2006 / 19:21	
M & P XYLENE	EPA 8260B	ND	ug/Kg	38	MVP	03/20/2006 / 19:21	J
O-XYLENE	EPA 8260B	94	ug/Kg	19	MVP	03/20/2006 / 19:21	
Styrene	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
Bromoform	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
Isopropylbenzene	EPA 8260B	91	ug/Kg	19	MVP	03/20/2006 / 19:21	



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00130

Sample: 007 BCS-9 16-18
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
n-Propylbenzene	EPA 8260B	55	ug/Kg	19	MVP	03/20/2006 / 19:21	
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
Bromobenzene	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
1,3,5-Trimethylbenzene	EPA 8260B	80	ug/Kg	19	MVP	03/20/2006 / 19:21	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
1,2,4-Trimethylbenzene	EPA 8260B	510	ug/Kg	19	MVP	03/20/2006 / 19:21	
sec-Butylbenzene	EPA 8260B	79	ug/Kg	19	MVP	03/20/2006 / 19:21	
4-Isopropyltoluene	EPA 8260B	170	ug/Kg	19	MVP	03/20/2006 / 19:21	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
n-Butylbenzene	EPA 8260B	88	ug/Kg	19	MVP	03/20/2006 / 19:21	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
Naphthalene	EPA 8260B	1100	ug/Kg	38	MVP	03/20/2006 / 15:52	B
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	19	MVP	03/20/2006 / 19:21	
DIBROMOFLUOROMETHANE (SURR)		113	%		MVP	03/20/2006 / 15:52	
TOLUENE-D8 (SURROGATE)		93.8	%		MVP	03/20/2006 / 15:52	
4-BROMOFLUOROBENZENE (SURR)		106	%		MVP	03/20/2006 / 15:52	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
Phenol	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00130

Sample: 007 BCS-9 16-18
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Hexachloroethane	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	800	TLL	03/23/2006 / 18:14	J
Nitrobenzene	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
Isophorone	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
Naphthalene	EPA 8270C	1700	ug/Kg	400	TLL	03/23/2006 / 18:14	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
2-Methyl Naphthalene	EPA 8270C	1300	ug/Kg	400	TLL	03/23/2006 / 18:14	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
Acenaphthylene	EPA 8270C	420	ug/Kg	400	TLL	03/23/2006 / 18:14	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
Acenaphthene	EPA 8270C	1200	ug/Kg	400	TLL	03/23/2006 / 18:14	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
Dibenzofuran	EPA 8270C	540	ug/Kg	400	TLL	03/23/2006 / 18:14	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
Fluorene	EPA 8270C	1300	ug/Kg	400	TLL	03/23/2006 / 18:14	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00130

Sample: 007 BCS-9 16-18
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
Phenanthrene	EPA 8270C	5000	ug/Kg	2000	TLL	03/23/2006 / 21:22	
Anthracene	EPA 8270C	1400	ug/Kg	400	TLL	03/23/2006 / 18:14	
Carbazole	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
Fluoranthene	EPA 8270C	5400	ug/Kg	2000	TLL	03/23/2006 / 21:22	
Benzidine	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
Pyrene	EPA 8270C	4000	ug/Kg	2000	TLL	03/23/2006 / 21:22	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
Benzo(a)anthracene	EPA 8270C	2300	ug/Kg	400	TLL	03/23/2006 / 18:14	
Chrysene	EPA 8270C	2400	ug/Kg	400	TLL	03/23/2006 / 18:14	
bis(2-Ethylhexyl)phthalate	EPA 8270C	1200	ug/Kg	400	TLL	03/23/2006 / 18:14	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	J
Benzo(b)fluoranthene	EPA 8270C	2000	ug/Kg	400	TLL	03/23/2006 / 18:14	
Benzo(k)fluoranthene	EPA 8270C	1700	ug/Kg	400	TLL	03/23/2006 / 18:14	
Benzo(a)pyrene	EPA 8270C	2000	ug/Kg	400	TLL	03/23/2006 / 18:14	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	400	TLL	03/23/2006 / 18:14	J
2-FLUOROPHENOL (SURR)		47.4	%		TLL	03/23/2006 / 18:14	
PHENOL-D5 (SURR)		51.9	%		TLL	03/23/2006 / 18:14	
NITROBENZENE-D5 (SURR)		51.1	%		TLL	03/23/2006 / 18:14	
2-FLUOROBIPHENYL (SURR)		46.5	%		TLL	03/23/2006 / 18:14	
2,4,6-TRIBROMOPHENOL (SURR)		74.8	%		TLL	03/23/2006 / 18:14	
TERPHENYL-D14 (SURR)		42.3	%		TLL	03/23/2006 / 18:14	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	80	NAC	03/20/2006 / 10:00	
PCB-1221	EPA 8082	ND	ug/Kg	80	NAC	03/20/2006 / 10:00	
PCB-1232	EPA 8082	ND	ug/Kg	80	NAC	03/20/2006 / 10:00	
PCB-1242	EPA 8082	ND	ug/Kg	80	NAC	03/20/2006 / 10:00	



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00130

Sample: 007 BCS-9 16-18
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-1248	EPA 8082	ND	ug/Kg	80	NAC	03/20/2006 / 10:00	
PCB-1254	EPA 8082	ND	ug/Kg	80	NAC	03/20/2006 / 10:00	
PCB-1260	EPA 8082	170	ug/Kg	80	NAC	03/20/2006 / 10:00	
PCB-1262	EPA 8082	ND	ug/Kg	80	NAC	03/20/2006 / 10:00	
PCB-1268	EPA 8082	ND	ug/Kg	80	NAC	03/20/2006 / 10:00	
TCMX (SURROGATE)		35.7	%		NAC	03/20/2006 / 10:00	
DCB (SURROGATE)		45.1	%		NAC	03/20/2006 / 10:00	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	4.23	JS	03/21/2006 / 1:00	
Aluminum	6010B, SW-846	16900	mg/Kg	42.3	JS	03/21/2006 / 1:00	
Arsenic	6010B, SW-846	35.1	mg/Kg	2.12	JS	03/21/2006 / 1:00	
Barium	6010B, SW-846	417	mg/Kg	6.3	JS	03/21/2006 / 1:00	
Beryllium	6010B, SW-846	1.20	mg/Kg	0.635	JS	03/21/2006 / 1:00	
Cadmium	6010B, SW-846	17.0	mg/Kg	0.635	JS	03/21/2006 / 1:00	
Chromium	6010B, SW-846	514	mg/Kg	2.12	JS	03/21/2006 / 1:00	
Calcium	6010B, SW-846	6060	mg/Kg	317	JS	03/21/2006 / 1:00	
Iron	6010B, SW-846	36900	mg/Kg	21.2	JS	03/21/2006 / 1:00	B1
Cobalt	6010B, SW-846	13.1	mg/Kg	10.6	JS	03/21/2006 / 1:00	
Copper	6010B, SW-846	545	mg/Kg	10.6	JS	03/21/2006 / 1:00	
Lead	6010B, SW-846	1370	mg/Kg	6.35	JS	03/21/2006 / 1:00	
Magnesium	6010B, SW-846	7080	mg/Kg	254	JS	03/21/2006 / 1:00	
Manganese	6010B, SW-846	360	mg/Kg	3.17	JS	03/21/2006 / 1:00	
Mercury	SW-846; 7471	7.27	mg/Kg	0.321	NAP	03/23/2006 / 10:06	
Nickel	6010B, SW-846	69.9	mg/Kg	8.46	JS	03/21/2006 / 1:00	
Vanadium	6010B, SW-846	77.0	mg/Kg	10.6	JS	03/21/2006 / 1:00	
Selenium	6010B, SW-846	4.48	mg/Kg	4.23	JS	03/21/2006 / 1:00	
Potassium	6010B, SW-846	4100	mg/Kg	317	JS	03/21/2006 / 1:00	
Silver	6010B, SW-846	15.6	mg/Kg	1.1	JS	03/21/2006 / 1:00	
Sodium	6010B, SW-846	10200	mg/Kg	317	JS	03/21/2006 / 1:00	
Thallium	6010B, SW-846	4.26	mg/Kg	4.23	JS	03/21/2006 / 1:00	
Zinc	6010B, SW-846	900	mg/Kg	10.6	JS	03/21/2006 / 1:00	
Percent Solids		41.1	%		TLL	03/20/2006 / 8:48	
PCB OIL/SOIL EXTRACTIONS		30.32			ADW	03/20/2006 / 18:13	
Flame/ICP Solid Digestion	EPA 3050B	86.9565			JS	03/20/2006 / 16:17	



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00130

Sample: 008 BC-7 13-15
Collection Date: 03/16/2006 Time: 9:45:00AM
Matrix: SOIL

Received Date: 03/17/2006 Time: 10:25:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Total Cyanide	SW9010	ND	mg/Kg	0.70	*PH	03/21/2006 / 14:48	
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
Chloromethane	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
Bromomethane	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
Chloroethane	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
Acrolein	EPA 8260B	ND	ug/Kg	60	MVP	03/20/2006 / 18:51	
Acetone	EPA 8260B	ND	ug/Kg	60	MVP	03/20/2006 / 18:51	J
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
Iodomethane	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	60	MVP	03/20/2006 / 18:51	
Methylene Chloride	EPA 8260B	ND	ug/Kg	48	MVP	03/20/2006 / 18:51	
Acrylonitrile	EPA 8260B	ND	ug/Kg	60	MVP	03/20/2006 / 18:51	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	60	MVP	03/20/2006 / 18:51	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	60	MVP	03/20/2006 / 18:51	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
Chloroform	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
Bromochloromethane	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
Benzene	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
Trichloroethylene	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	60	MVP	03/20/2006 / 18:51	



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00130

Sample: 008 BC-7 13-15
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	60	MVP	03/20/2006 / 18:51	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
Toluene	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
Dibromomethane	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
2-Hexanone	EPA 8260B	ND	ug/Kg	60	MVP	03/20/2006 / 18:51	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
Chlorobenzene	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
Ethylbenzene	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
M & P XYLENE	EPA 8260B	ND	ug/Kg	24	MVP	03/20/2006 / 18:51	
O-XYLENE	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
Styrene	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
Bromoform	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
Bromobenzene	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00130

Sample: 008 BC-7 13-15
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
n-Butylbenzene	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
Naphthalene	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	12	MVP	03/20/2006 / 18:51	
DIBROMOFLUOROMETHANE (SURR)		102	%		MVP	03/20/2006 / 18:51	
TOLUENE-D8 (SURROGATE)		97.6	%		MVP	03/20/2006 / 18:51	
4-BROMOFLUOROBENZENE (SURR)		100	%		MVP	03/20/2006 / 18:51	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
Phenol	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
Hexachloroethane	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	430	TLL	03/23/2006 / 23:15	
Nitrobenzene	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
Isophorone	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
Naphthalene	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	

Sample: 008 BC-7 13-15

(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
Acenaphthylene	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
Acenaphthene	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
Dibenzofuran	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
Fluorene	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
Phenanthrene	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
Anthracene	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
Carbazole	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
Fluoranthene	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
Benzidine	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
Pyrene	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00130

Sample: 008 BC-7 13-15
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Chrysene	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	220	TLL	03/23/2006 / 23:15	
2-FLUOROPHENOL (SURR)		61.4	%		TLL	03/23/2006 / 23:15	
PHENOL-D5 (SURR)		58.4	%		TLL	03/23/2006 / 23:15	
NITROBENZENE-D5 (SURR)		65.7	%		TLL	03/23/2006 / 23:15	
2-FLUOROBIPHENYL (SURR)		59.4	%		TLL	03/23/2006 / 23:15	
2,4,6-TRIBROMOPHENOL (SURR)		67.3	%		TLL	03/23/2006 / 23:15	
TERPHENYL-D14 (SURR)		78.6	%		TLL	03/23/2006 / 23:15	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	44	MVP	03/23/2006 / 11:21	
PCB-1221	EPA 8082	ND	ug/Kg	44	MVP	03/23/2006 / 11:21	
PCB-1232	EPA 8082	ND	ug/Kg	44	MVP	03/23/2006 / 11:21	
PCB-1242	EPA 8082	ND	ug/Kg	44	MVP	03/23/2006 / 11:21	
PCB-1248	EPA 8082	ND	ug/Kg	44	MVP	03/23/2006 / 11:21	
PCB-1254	EPA 8082	ND	ug/Kg	44	MVP	03/23/2006 / 11:21	
PCB-1260	EPA 8082	ND	ug/Kg	44	MVP	03/23/2006 / 11:21	
PCB-1262	EPA 8082	ND	ug/Kg	44	MVP	03/23/2006 / 11:21	
PCB-1268	EPA 8082	ND	ug/Kg	44	MVP	03/23/2006 / 11:21	
TCMX (SURROGATE)		36.6	%		MVP	03/23/2006 / 11:21	GX
DCB (SURROGATE)		20.5	%		MVP	03/23/2006 / 11:21	GX
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.50	JS	03/21/2006 / 1:00	
Aluminum	6010B, SW-846	13300	mg/Kg	25.0	JS	03/21/2006 / 1:00	
Arsenic	6010B, SW-846	6.91	mg/Kg	1.25	JS	03/21/2006 / 1:00	
Barium	6010B, SW-846	32.1	mg/Kg	3.7	JS	03/21/2006 / 1:00	
Beryllium	6010B, SW-846	0.668	mg/Kg	0.374	JS	03/21/2006 / 1:00	
Cadmium	6010B, SW-846	ND	mg/Kg	0.374	JS	03/21/2006 / 1:00	

Sample: 008 BC-7 13-15
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Chromium	6010B, SW-846	25.6	mg/Kg	1.25	JS	03/21/2006 / 1:00	
Calcium	6010B, SW-846	2310	mg/Kg	187	JS	03/21/2006 / 1:00	
Iron	6010B, SW-846	23900	mg/Kg	12.5	JS	03/21/2006 / 1:00	B1
Cobalt	6010B, SW-846	8.90	mg/Kg	6.24	JS	03/21/2006 / 1:00	
Copper	6010B, SW-846	12.7	mg/Kg	6.24	JS	03/21/2006 / 1:00	
Lead	6010B, SW-846	12.2	mg/Kg	3.74	JS	03/21/2006 / 1:00	
Magnesium	6010B, SW-846	6270	mg/Kg	150	JS	03/21/2006 / 1:00	
Manganese	6010B, SW-846	409	mg/Kg	1.87	JS	03/21/2006 / 1:00	
Mercury	SW-846; 7471	ND	mg/Kg	0.0424	NAP	03/23/2006 / 10:06	
Nickel	6010B, SW-846	22.5	mg/Kg	4.99	JS	03/21/2006 / 1:00	
Vanadium	6010B, SW-846	29.9	mg/Kg	6.24	JS	03/21/2006 / 1:00	
Selenium	6010B, SW-846	2.62	mg/Kg	2.50	JS	03/21/2006 / 1:00	
Potassium	6010B, SW-846	3140	mg/Kg	187	JS	03/21/2006 / 1:00	
Silver	6010B, SW-846	ND	mg/Kg	0.62	JS	03/21/2006 / 1:00	
Sodium	6010B, SW-846	1420	mg/Kg	187	JS	03/21/2006 / 1:00	
Thallium	6010B, SW-846	ND	mg/Kg	2.50	JS	03/21/2006 / 1:00	
Zinc	6010B, SW-846	60.0	mg/Kg	6.24	JS	03/21/2006 / 1:00	
Percent Solids		74.9	%		TLL	03/20/2006 / 8:48	
PCB OIL/SOIL EXTRACTIONS		30.43			ADW	03/20/2006 / 18:13	
Flame/ICP Solid Digestion	EPA 3050B	93.4579			JS	03/20/2006 / 16:17	

Sample: 009 BCS-9 42-44
Collection Date: 03/16/2006 Time: 11:00:00AM
Matrix: SOIL

Received Date: 03/17/2006 Time: 10:25:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Total Cyanide	SW9010	ND	mg/Kg	0.57	*PH	03/21/2006 / 14:48	
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
Chloromethane	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
Bromomethane	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
Chloroethane	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00130

Sample: 009 BCS-9 42-44
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Acrolein	EPA 8260B	ND	ug/Kg	41	MVP	03/20/2006 / 16:53	
Acetone	EPA 8260B	ND	ug/Kg	41	MVP	03/20/2006 / 16:53	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
Iodomethane	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	41	MVP	03/20/2006 / 16:53	
Methylene Chloride	EPA 8260B	ND	ug/Kg	33	MVP	03/20/2006 / 16:53	
Acrylonitrile	EPA 8260B	ND	ug/Kg	41	MVP	03/20/2006 / 16:53	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	41	MVP	03/20/2006 / 16:53	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	41	MVP	03/20/2006 / 16:53	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
Chloroform	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
Bromochloromethane	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
Benzene	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
Trichloroethylene	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	41	MVP	03/20/2006 / 16:53	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	41	MVP	03/20/2006 / 16:53	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
Toluene	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
Dibromomethane	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
2-Hexanone	EPA 8260B	ND	ug/Kg	41	MVP	03/20/2006 / 16:53	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00130

Sample: 009 BCS-9 42-44
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
Chlorobenzene	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
Ethylbenzene	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
M & P XYLENE	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 16:53	
O-XYLENE	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
Styrene	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
Bromoform	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
Bromobenzene	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
Naphthalene	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	8.2	MVP	03/20/2006 / 16:53	
DIBROMOFLUOROMETHANE (SURR)		107	%		MVP	03/20/2006 / 16:53	
TOLUENE-D8 (SURROGATE)		97.6	%		MVP	03/20/2006 / 16:53	
4-BROMOFLUOROBENZENE (SURR)		98.3	%		MVP	03/20/2006 / 16:53	

Sample: 009 BCS-9 42-44
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
Phenol	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
Hexachloroethane	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	340	TLL	03/23/2006 / 19:30	
Nitrobenzene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
Isophorone	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
Naphthalene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
Acenaphthylene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
Acenaphthene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00130

Sample: 009 BCS-9 42-44
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
3-Nitroaniline	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
Dibenzofuran	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
Fluorene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
Phenanthrene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
Anthracene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
Carbazole	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
Fluoranthene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
Benzidine	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
Pyrene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
Chrysene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	170	TLL	03/23/2006 / 19:30	
2-FLUOROPHENOL (SURR)		62.5	%		TLL	03/23/2006 / 19:30	



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00130

Sample: 009 BCS-9 42-44
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PHENOL-D5 (SURR)		59.1	%		TLL	03/23/2006 / 19:30	
NITROBENZENE-D5 (SURR)		67.7	%		TLL	03/23/2006 / 19:30	
2-FLUOROBIPHENYL (SURR)		58.8	%		TLL	03/23/2006 / 19:30	
2,4,6-TRIBROMOPHENOL (SURR)		70.8	%		TLL	03/23/2006 / 19:30	
TERPHENYL-D14 (SURR)		62.6	%		TLL	03/23/2006 / 19:30	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	34	NAC	03/20/2006 / 23:00	
PCB-1221	EPA 8082	ND	ug/Kg	34	NAC	03/20/2006 / 23:00	
PCB-1232	EPA 8082	ND	ug/Kg	34	NAC	03/20/2006 / 23:00	
PCB-1242	EPA 8082	ND	ug/Kg	34	NAC	03/20/2006 / 23:00	
PCB-1248	EPA 8082	ND	ug/Kg	34	NAC	03/20/2006 / 23:00	
PCB-1254	EPA 8082	ND	ug/Kg	34	NAC	03/20/2006 / 23:00	
PCB-1260	EPA 8082	ND	ug/Kg	34	NAC	03/20/2006 / 23:00	
PCB-1262	EPA 8082	ND	ug/Kg	34	NAC	03/20/2006 / 23:00	
PCB-1268	EPA 8082	ND	ug/Kg	34	NAC	03/20/2006 / 23:00	
TCMX (SURROGATE)		99.5	%		NAC	03/20/2006 / 23:00	
DCB (SURROGATE)		102	%		NAC	03/20/2006 / 23:00	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	1.78	JS	03/21/2006 / 1:00	
Aluminum	6010B, SW-846	9800	mg/Kg	17.8	JS	03/21/2006 / 1:00	
Arsenic	6010B, SW-846	2.54	mg/Kg	0.892	JS	03/21/2006 / 1:00	
Barium	6010B, SW-846	30.3	mg/Kg	2.7	JS	03/21/2006 / 1:00	
Beryllium	6010B, SW-846	0.602	mg/Kg	0.268	JS	03/21/2006 / 1:00	
Cadmium	6010B, SW-846	ND	mg/Kg	0.268	JS	03/21/2006 / 1:00	
Chromium	6010B, SW-846	22.4	mg/Kg	0.892	JS	03/21/2006 / 1:00	
Calcium	6010B, SW-846	2100	mg/Kg	134	JS	03/21/2006 / 1:00	
Iron	6010B, SW-846	20500	mg/Kg	8.92	JS	03/21/2006 / 1:00	B1
Cobalt	6010B, SW-846	11.4	mg/Kg	4.46	JS	03/21/2006 / 1:00	
Copper	6010B, SW-846	31.7	mg/Kg	4.46	JS	03/21/2006 / 1:00	
Lead	6010B, SW-846	9.44	mg/Kg	2.68	JS	03/21/2006 / 1:00	
Magnesium	6010B, SW-846	3150	mg/Kg	107	JS	03/21/2006 / 1:00	
Manganese	6010B, SW-846	322	mg/Kg	1.34	JS	03/21/2006 / 1:00	
Mercury	SW-846; 7471	ND	mg/Kg	0.0319	NAP	03/23/2006 / 10:06	
Nickel	6010B, SW-846	19.1	mg/Kg	3.57	JS	03/21/2006 / 1:00	



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00130

Sample: 009 BCS-9 42-44
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Vanadium	6010B, SW-846	46.6	mg/Kg	4.46	JS	03/21/2006 / 1:00	
Selenium	6010B, SW-846	ND	mg/Kg	1.78	JS	03/21/2006 / 1:00	
Potassium	6010B, SW-846	1670	mg/Kg	134	JS	03/21/2006 / 1:00	
Silver	6010B, SW-846	ND	mg/Kg	0.45	JS	03/21/2006 / 1:00	
Sodium	6010B, SW-846	1140	mg/Kg	134	JS	03/21/2006 / 1:00	
Thallium	6010B, SW-846	ND	mg/Kg	1.78	JS	03/21/2006 / 1:00	
Zinc	6010B, SW-846	40.9	mg/Kg	4.46	JS	03/21/2006 / 1:00	
Percent Solids		97.5	%		TLL	03/20/2006 / 8:48	
PCB OIL/SOIL EXTRACTIONS		30.58			ADW	03/20/2006 / 18:13	
Flame/ICP Solid Digestion	EPA 3050B	86.9565			JS	03/20/2006 / 16:17	

Sample: 010 BCS-10 12-14
Collection Date: 03/16/2006 Time: 2:45:00PM
Matrix: SOIL

Received Date: 03/17/2006 Time: 10:25:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Total Cyanide	SW9010	3.2	mg/Kg	1.2	*PH	03/21/2006 / 14:48	
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
Chloromethane	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
Bromomethane	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
Chloroethane	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
Acrolein	EPA 8260B	ND	ug/Kg	80	MVP	03/20/2006 / 17:24	
Acetone	EPA 8260B	200	ug/Kg	80	MVP	03/20/2006 / 17:24	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
Iodomethane	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	80	MVP	03/20/2006 / 17:24	
Methylene Chloride	EPA 8260B	ND	ug/Kg	64	MVP	03/20/2006 / 17:24	
Acrylonitrile	EPA 8260B	ND	ug/Kg	80	MVP	03/20/2006 / 17:24	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected

PQL= Practical Quantitation Limit

Page: 52 of 58



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00130

Sample: 010 BCS-10 12-14
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	80	MVP	03/20/2006 / 17:24	J
Vinyl Acetate	EPA 8260B	ND	ug/Kg	80	MVP	03/20/2006 / 17:24	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
Chloroform	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
Bromochloromethane	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
Benzene	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
Trichloroethylene	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	80	MVP	03/20/2006 / 17:24	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	80	MVP	03/20/2006 / 17:24	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
Toluene	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
Dibromomethane	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
2-Hexanone	EPA 8260B	ND	ug/Kg	80	MVP	03/20/2006 / 17:24	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
Chlorobenzene	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
Ethylbenzene	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
M & P XYLENE	EPA 8260B	ND	ug/Kg	32	MVP	03/20/2006 / 17:24	J
O-XYLENE	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	J
Styrene	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
Bromoform	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
Isopropylbenzene	EPA 8260B	37	ug/Kg	16	MVP	03/20/2006 / 17:24	



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00130

Sample: 010 BCS-10 12-14
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
n-Propylbenzene	EPA 8260B	30	ug/Kg	16	MVP	03/20/2006 / 17:24	
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
Bromobenzene	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
1,3,5-Trimethylbenzene	EPA 8260B	16	ug/Kg	16	MVP	03/20/2006 / 17:24	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
1,2,4-Trimethylbenzene	EPA 8260B	16	ug/Kg	16	MVP	03/20/2006 / 17:24	
sec-Butylbenzene	EPA 8260B	54	ug/Kg	16	MVP	03/20/2006 / 17:24	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
n-Butylbenzene	EPA 8260B	47	ug/Kg	16	MVP	03/20/2006 / 17:24	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
Naphthalene	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	16	MVP	03/20/2006 / 17:24	
DIBROMOFLUOROMETHANE (SURR)		107	%		MVP	03/20/2006 / 17:24	
TOLUENE-D8 (SURROGATE)		96.1	%		MVP	03/20/2006 / 17:24	
4-BROMOFLUOROBENZENE (SURR)		126	%		MVP	03/20/2006 / 17:24	G5
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	
Phenol	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	



Customer: Metcalf & Eddy Associates

Workorder No. 0603-00130

Sample: 010 BCS-10 12-14
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Hexachloroethane	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	840	TLL	03/23/2006 / 20:07	J
Nitrobenzene	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	
Isophorone	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	
Naphthalene	EPA 8270C	1000	ug/Kg	420	TLL	03/23/2006 / 20:07	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	
2-Methyl Naphthalene	EPA 8270C	4200	ug/Kg	420	TLL	03/23/2006 / 20:07	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	
Acenaphthylene	EPA 8270C	830	ug/Kg	420	TLL	03/23/2006 / 20:07	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	
Acenaphthene	EPA 8270C	2800	ug/Kg	420	TLL	03/23/2006 / 20:07	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	
Dibenzofuran	EPA 8270C	1100	ug/Kg	420	TLL	03/23/2006 / 20:07	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	
Fluorene	EPA 8270C	2900	ug/Kg	420	TLL	03/23/2006 / 20:07	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	



Customer: Metcalf & Eddy Associates

Workorder No. 0603-00130

Sample: 010 BCS-10 12-14
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	
Phenanthrene	EPA 8270C	14000	ug/Kg	2100	TLL	03/23/2006 / 22:00	
Anthracene	EPA 8270C	4100	ug/Kg	2100	TLL	03/23/2006 / 22:00	
Carbazole	EPA 8270C	3700	ug/Kg	420	TLL	03/23/2006 / 20:07	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	
Fluoranthene	EPA 8270C	13000	ug/Kg	2100	TLL	03/23/2006 / 22:00	
Benzidine	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	
Pyrene	EPA 8270C	9800	ug/Kg	2100	TLL	03/23/2006 / 22:00	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	
Benzo(a)anthracene	EPA 8270C	4400	ug/Kg	420	TLL	03/23/2006 / 20:07	
Chrysene	EPA 8270C	4100	ug/Kg	420	TLL	03/23/2006 / 20:07	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	J
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	560	ug/Kg	420	TLL	03/23/2006 / 20:07	
Benzo(b)fluoranthene	EPA 8270C	4300	ug/Kg	420	TLL	03/23/2006 / 20:07	
Benzo(k)fluoranthene	EPA 8270C	3600	ug/Kg	420	TLL	03/23/2006 / 20:07	
Benzo(a)pyrene	EPA 8270C	4600	ug/Kg	420	TLL	03/23/2006 / 20:07	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	420	TLL	03/23/2006 / 20:07	
Benzo (g,h,i) perylene	EPA 8270C	620	ug/Kg	420	TLL	03/23/2006 / 20:07	
2-FLUOROPHENOL (SURR)		52.8	%		TLL	03/23/2006 / 20:07	
PHENOL-D5 (SURR)		54.8	%		TLL	03/23/2006 / 20:07	
NITROBENZENE-D5 (SURR)		52.4	%		TLL	03/23/2006 / 20:07	
2-FLUOROBIPHENYL (SURR)		57.9	%		TLL	03/23/2006 / 20:07	
2,4,6-TRIBROMOPHENOL (SURR)		76.8	%		TLL	03/23/2006 / 20:07	
TERPHENYL-D14 (SURR)		48.7	%		TLL	03/23/2006 / 20:07	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	58	NAC	03/20/2006 / 12:13	
PCB-1221	EPA 8082	ND	ug/Kg	58	NAC	03/20/2006 / 12:13	
PCB-1232	EPA 8082	ND	ug/Kg	58	NAC	03/20/2006 / 12:13	
PCB-1242	EPA 8082	ND	ug/Kg	58	NAC	03/20/2006 / 12:13	



Customer: Metcalf & Eddy Associates

Workorder No. 0603-00130

Sample: 010 BCS-10 12-14
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-1248	EPA 8082	ND	ug/Kg	58	NAC	03/20/2006 / 12:13	
PCB-1254	EPA 8082	ND	ug/Kg	58	NAC	03/20/2006 / 12:13	
PCB-1260	EPA 8082	ND	ug/Kg	58	NAC	03/20/2006 / 12:13	
PCB-1262	EPA 8082	ND	ug/Kg	58	NAC	03/20/2006 / 12:13	
PCB-1268	EPA 8082	ND	ug/Kg	58	NAC	03/20/2006 / 12:13	
TCMX (SURROGATE)		42.5	%		NAC	03/20/2006 / 12:13	
DCB (SURROGATE)		70.2	%		NAC	03/20/2006 / 12:13	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	3.09	JS	03/21/2006 / 1:00	
Aluminum	6010B, SW-846	8900	mg/Kg	30.9	JS	03/21/2006 / 1:00	
Arsenic	6010B, SW-846	55.9	mg/Kg	1.55	JS	03/21/2006 / 1:00	
Barium	6010B, SW-846	355	mg/Kg	4.6	JS	03/21/2006 / 1:00	
Beryllium	6010B, SW-846	0.600	mg/Kg	0.464	JS	03/21/2006 / 1:00	
Cadmium	6010B, SW-846	6.77	mg/Kg	0.464	JS	03/21/2006 / 1:00	
Chromium	6010B, SW-846	281	mg/Kg	1.55	JS	03/21/2006 / 1:00	
Calcium	6010B, SW-846	7290	mg/Kg	232	JS	03/21/2006 / 1:00	
Iron	6010B, SW-846	32800	mg/Kg	15.5	JS	03/21/2006 / 1:00	B1
Cobalt	6010B, SW-846	8.56	mg/Kg	7.74	JS	03/21/2006 / 1:00	
Copper	6010B, SW-846	354	mg/Kg	7.74	JS	03/21/2006 / 1:00	
Lead	6010B, SW-846	1700	mg/Kg	4.64	JS	03/21/2006 / 1:00	
Magnesium	6010B, SW-846	4480	mg/Kg	186	JS	03/21/2006 / 1:00	
Manganese	6010B, SW-846	274	mg/Kg	2.32	JS	03/21/2006 / 1:00	
Mercury	SW-846; 7471	2.19	mg/Kg	0.0579	NAP	03/23/2006 / 10:06	
Nickel	6010B, SW-846	44.1	mg/Kg	6.19	JS	03/21/2006 / 1:00	
Vanadium	6010B, SW-846	31.2	mg/Kg	7.74	JS	03/21/2006 / 1:00	
Selenium	6010B, SW-846	4.36	mg/Kg	3.09	JS	03/21/2006 / 1:00	
Potassium	6010B, SW-846	2120	mg/Kg	232	JS	03/21/2006 / 1:00	
Silver	6010B, SW-846	6.56	mg/Kg	0.77	JS	03/21/2006 / 1:00	
Sodium	6010B, SW-846	3340	mg/Kg	232	JS	03/21/2006 / 1:00	
Thallium	6010B, SW-846	ND	mg/Kg	3.09	JS	03/21/2006 / 1:00	
Zinc	6010B, SW-846	771	mg/Kg	7.74	JS	03/21/2006 / 1:00	
Percent Solids		56.7	%		TLL	03/20/2006 / 8:48	
PCB OIL/SOIL EXTRACTIONS		30.63			ADW	03/20/2006 / 18:13	
Flame/ICP Solid Digestion	EPA 3050B	87.7193			JS	03/20/2006 / 16:17	



Customer: Metcalf & Eddy Associates

Workorder No. 0603-00130

- G5 Due to sample matrix effects, the surrogate recovery was outside acceptance limits. Secondary surrogate recovery was within the acceptance limits.
- G6 Surrogate recovery was below acceptance limits.
- GX Due to sample matrix effects, the surrogate recovery was outside acceptance limits.
- J Estimated value. Analyte detected at a level less than the Practical Quantitation Limit (PQL) and greater than or equal to the Method Detection Limit (MDL).
- M2 The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
- MHA Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).

*PH = Phoenix Environmental Laboratories (NELAP: 11301 MA: M-CT007)

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

Authorized By:

Matthew V. Pina For

Date: 03/26/06

Robert Bell, Environmental Laboratory Manager

NOTE: All solid results are reported on a dry weight basis unless otherwise noted.

Certifications:

MA: MA069

NY: 10982

CT: PH0119

RI: A45

NJ: 59744

ND = Not Detected

PQL = Practical Quantitation Limit

Page: 58 of 58

CHAIN OF CUSTODY RECORD

AMERISCI
BOSTON

AMERISCI BOSTON
8 School Street - Weymouth, MA 02189
888.724.5221 Toll Free
781.337.9334 Phone ~ 781.337.7642 Fax

www.amerisci.com

AMERISCI Job No:

DUE DATE:

☐ 1 DAY ☐ 2 DAY ☐ 3 DAY ☒ 5 DAY ☐ 7 DAY ☐ 10 DAY

DATA PACKAGE:

0603-130

P.O.#

PAGE 1 OF 1

TEMP UPON RECEIPT:

5.2 °C

COMPANY: METCALF & EDDY INC
ADDRESS: 1140 ROUTE 22 EAST, BEDDLEWATER NJ 08807
PHONE: (908) 947-0276 **FAX 1:** (908) 707-8876 **FAX 2:**
CLIENT CONTACT: NELSON ABRAMS **EMAIL:** NELSON.ABRAMS@W-E.AEOM.COM
PROJECT NAME: BAYVIEW PETROLEUM BUSHWICK CRUISE **PROJECT NUMBER:** 6000 4548.01 **PROJECT STATE:** NY
MATRIX: A-WATER S-SOIL/SOLIDS SL-SLUDGE W-WIPES C-CASSETTES W-WASTE O-OTHER **CONTAINER:** P-PLASTIC G-GLASS V-VOA

LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	CONTAINER			SAMPLING INFORMATION			PRESERVATIVES	GRAB (G) OR COMPOSITE (C)	SAMPLE PH AT LOGIN	Notes:		
			SIZE	TYPE	#	DATE	TIME	TECH						
1	BC-2 60-62	SOIL	20g	GLASS	2	03/13/06	1015	SM	NA	G	X	X	X	MODIFIED
2	BCS-7 44-46				2	03/13/06	1010	EA	NA	G	X	X	X	ASP PACKAGE
3	BCS-8 24-26				2	03/13/06	1330	EA	NA	G	X	X	X	DEL
4	BCS-8 48-50				2	03/14/06	1130	EA	NA	G	X	X	X	NELSON
5	BC-1 21-23				2	03/14/06	1115	SM	NA	G	X	X	X	ABRAMS
6	BC-1 60-62				2	03/15/06	1010	SM	NA	G	X	X	X	DE MAC
7	BCS-9 16-18				2	03/15/06	1230	EA	NA	G	X	X	X	
8	BC-7 13-15	SOIL	20g	GLASS	2	03/16/06	945	SM	NA	G	X	X	X	QUESTIONS
9	BCS-9 42-44				2	03/16/06	1100	EA	NA	G	X	X	X	CAL N-ABRAMS
10	BCS-10 12-14				2	03/16/06	1445	EA	NA	G	X	X	X	9089470274

SAMPLED BY: (PRINT) GREGORY MUSTYATA / ERIC ACS **DATE:** 03/16/06 **RECEIVED BY: (PRINT)**
(SIGN) [Signature] **TIME:** [Signature]
RELINQUISHED BY: (PRINT) [Signature] **DATE:** [Signature] **RECEIVED BY: (PRINT)**
(SIGN) [Signature] **TIME:** [Signature]
RELINQUISHED BY: (PRINT) [Signature] **DATE:** [Signature] **RECEIVED FOR LABORATORY BY: (PRINT)** MARK PANTA
(SIGN) [Signature] **TIME:** [Signature] **DATE:** 3/17/06 **TIME:** 10:25

27

52

FedEx USA Airbill
Express

FedEx Tracking Number

8455 4997 2131

1 Front. This portion can be removed for Recipient's records.

Date 3/16/06 FedEx Tracking Number 845549972131

Sender's Name ERIC ACS Phone 908 707-8874

Company METCALF & EDDY INC

Address 1140 US HIGHWAY 22 # 101

City BRIDGEWATER State NJ ZIP 08807-2912

2 Your Internal Billing Reference

3 To Recipient's Name SAMPLE MANAGEMENT Phone 781 337 9334

Company AMERISCI BOSTON

Address 8 SCHOOL STREET

Address Weymouth State MA ZIP 02189

To "HOLD" at FedEx location, print FedEx address.

We cannot deliver to P.O. boxes or P.O. ZIP codes.



8455 4997 2131

0270544231

0215
Recipient's Copy

4a Express Package Service

☒ FedEx Priority Overnight

☐ FedEx Standard Overnight

☐ FedEx 2Day

☐ FedEx Express Saver

4b Express Freight Service

☐ FedEx 1Day Freight*

☐ FedEx 2Day Freight

☐ FedEx 3Day Freight

5 Packaging

☐ FedEx Envelope*

☐ FedEx Pak*

☒ Other

6 Special Handling

☐ SATURDAY Delivery

☐ HOLD Weekday at FedEx Location

☐ HOLD Saturday at FedEx Location

Does this shipment contain dangerous goods?

☐ No ☐ Yes

☐ No ☐ Yes

☐ No ☐ Yes

7 Payment Bill to:

☐ Sender

☒ Recipient

☐ Third Party

☐ Credit Card

☐ Cash/Check

Total Packages

Total Weight

Total Charges

8 Release Signature

Signature

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

Questions? Visit our Web site at fedex.com or call 1.800.Go.FedEx. 800.433.3333.

SIS-Rev. 01-01-04 FedEx® and FedEx® are registered trademarks of FedEx Corporation. ©2004 FedEx Corporation. PRINTED IN U.S.A.


447

Sample Receiving Form

CLIENT: METCALFEEDS	WORKORDER: 0603-130
CLIENTS JOB: BAYSIDE Petroleum	RECEIVED BY: mp
RECEIVED DATE: 3/17/06	SHIPPING METHOD: FedEx
TEMP UPON RECEIPT: 5.2°C	

"No" responses must be explained in the comment section below.

Checklist	YES	NO	NA
Were custody seals on shipping container(s) intact? Check "NA" if no seals, or if containers were hand delivered.			X
Were Chain of Custody Forms included with the samples?	X		
Were Chain of Custody Forms properly filled out (ink, signed, etc.)	X		
Were all containers received in good condition (Check for breakage/leaks)?	X		
Were all containers labeled with required information (Sample Id, date, signed, analysis, preservation)?	X		
Were the correct containers used for the tests indicated?	X		
Were proper preservation techniques indicated?	X		
Were samples received within holding times? If "NO" nonconformance form is required.	X		
Were all VOA bottles checked for the presence of air bubbles? If bubbles were found please note in the comment section.			X
Were samples in direct contact with wet ice? If "NO" check one: <input type="checkbox"/> Blue Ice <input type="checkbox"/> No Ice	X		
Is sample temperature recorded ? If "NO" check one: <input type="checkbox"/> Unable to record <input type="checkbox"/> Temp taken near samples	X		
Were pHs of samples checked and recorded on the COC forms?			X
Did the laboratory accept samples?	X		
Will samples be subcontracted? If "yes" list subcontractor and tests in specified sections below.	X		
Subcontractor: Phoenix	Date Sent Out: 3/17/06		
Analyses Sent: TOTAL CN-			

Login Technician: 	Login Review:
Comments:	



Please Reply To:

AmeriSci Boston
Eight School Street
Weymouth, MA 02189
TEL:(781)337-9334 FAX:(781)337-7642

FACSIMILE TELECOPY TRANSMISSION

To: Mr. Nelson Abrams
Metcalf & Eddy Associates

AmeriSci Job# 0603-00149
Subject: BAYSIDE PETROLEUM/BUSHWI

Fax # 908-707-8876

Email: Nelson Abrams

Date: Monday, March 27, 2006

Time: 5:36:41PM

Comments:

This report consists of 28 pages, including:

Cover Page (Facsimile Telecopy Transmission)	<u>1</u>	pages
Laboratory Report	<u>24</u>	pages
Chain of Custody Record	<u>1</u>	pages
Air bill	<u>1</u>	pages
Sample Receiving Form	<u>1</u>	pages
Miscellaneous	<u>0</u>	pages

CONFIDENTIALITY NOTICE: Unless otherwise indicated, the information contained in this facsimile communication is confidential information intended for the use of the individual named above. If the reader of this communication is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is prohibited. If you have received this communication in error, please immediately notify the sender by telephone and return the original message to the above address via US Postal Service at our expense. Preliminary data reported here will be verified before final report is issued. Samples are disposed of in 60 days unless otherwise instructed by the protocol or special instructions in writing. Thank you.

Certified Analysis Service 24 Hours a Day - 7 Days a Week Competitive Prices
www.amerisci.com

Boston - Los Angeles - New York - Richmond

Laboratory Report

Report Date 00/00/0000
Workorder No. 0603-00149

Customer: Metcalf & Eddy Associates
1140 Route 22 East
Suite 101
Bridgewater, NJ 08807

Attention: Mr. Nelson Abrams

Subject: BAYSIDE PETROLEUM/BUSHWICK

Sample: 001 BC-7 60-62

Collection Date: 03/17/2006 Time: 10:45:00AM

Matrix: SOIL

Received Date: 03/20/2006 Time: 9:35:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Total Cyanide	SW9010	ND	mg/Kg	0.62	*PH	03/22/2006 / 13:22	
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
Chloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
Bromomethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
Chloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
Acrolein	EPA 8260B	ND	ug/Kg	48	MVP	03/22/2006 / 10:11	
Acetone	EPA 8260B	ND	ug/Kg	48	MVP	03/22/2006 / 10:11	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
Iodomethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	48	MVP	03/22/2006 / 10:11	
Methylene Chloride	EPA 8260B	ND	ug/Kg	38	MVP	03/22/2006 / 10:11	
Acrylonitrile	EPA 8260B	ND	ug/Kg	48	MVP	03/22/2006 / 10:11	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	48	MVP	03/22/2006 / 10:11	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	48	MVP	03/22/2006 / 10:11	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
Chloroform	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
Bromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	

Sample: 001 BC-7 60-62
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
Benzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
Trichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	48	MVP	03/22/2006 / 10:11	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	48	MVP	03/22/2006 / 10:11	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
Toluene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
Dibromomethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
2-Hexanone	EPA 8260B	ND	ug/Kg	48	MVP	03/22/2006 / 10:11	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
Chlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
Ethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
M & P XYLENE	EPA 8260B	5	ug/Kg	19	MVP	03/22/2006 / 10:11	J
O-XYLENE	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
Styrene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
Bromoform	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
Bromobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00149

Sample: 001 BC-7 60-62
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
Naphthalene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 10:11	
DIBROMOFLUOROMETHANE (SURR)		95.5	%		MVP	03/22/2006 / 10:11	
TOLUENE-D8 (SURROGATE)		99.0	%		MVP	03/22/2006 / 10:11	
4-BROMOFLUOROBENZENE (SURR)		90.8	%		MVP	03/22/2006 / 10:11	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
Phenol	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
Hexachloroethane	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	400	TLL	03/24/2006 / 5:12	
Nitrobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
Isophorone	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 3 of 24



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00149

Sample: 001 BC-7 60-62
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
Naphthalene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
Acenaphthylene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
Acenaphthene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
Dibenzofuran	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
Fluorene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
Phenanthrene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
Anthracene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
Carbazole	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 4 of 24



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00149

Sample: 001 BC-7 60-62
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
Fluoranthene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
Benzidine	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
Pyrene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
3,3'-Dichlorbenzidine	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
Chrysene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
bis(2-Ethylhexyl)phthalate	EPA 8270C	1100	ug/Kg	200	TLL	03/24/2006 / 5:12	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 5:12	
2-FLUOROPHENOL (SURR)		55.4	%		TLL	03/24/2006 / 5:12	
PHENOL-D5 (SURR)		55.6	%		TLL	03/24/2006 / 5:12	
NITROBENZENE-D5 (SURR)		59.7	%		TLL	03/24/2006 / 5:12	
2-FLUOROBIPHENYL (SURR)		49.3	%		TLL	03/24/2006 / 5:12	
2,4,6-TRIBROMOPHENOL (SURR)		63.3	%		TLL	03/24/2006 / 5:12	
TERPHENYL-D14 (SURR)		52.4	%		TLL	03/24/2006 / 5:12	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	40	NAC	03/21/2006 / 6:00	
PCB-1221	EPA 8082	ND	ug/Kg	40	NAC	03/21/2006 / 6:00	
PCB-1232	EPA 8082	ND	ug/Kg	40	NAC	03/21/2006 / 6:00	
PCB-1242	EPA 8082	ND	ug/Kg	40	NAC	03/21/2006 / 6:00	
PCB-1248	EPA 8082	ND	ug/Kg	40	NAC	03/21/2006 / 6:00	
PCB-1254	EPA 8082	ND	ug/Kg	40	NAC	03/21/2006 / 6:00	
PCB-1260	EPA 8082	ND	ug/Kg	40	NAC	03/21/2006 / 6:00	
PCB-1262	EPA 8082	ND	ug/Kg	40	NAC	03/21/2006 / 6:00	
PCB-1268	EPA 8082	ND	ug/Kg	40	NAC	03/21/2006 / 6:00	
TCMX (SURROGATE)		82.0	%		NAC	03/21/2006 / 6:00	
DCB (SURROGATE)		81.1	%		NAC	03/21/2006 / 6:00	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected

PQL= Practical Quantitation Limit

Page: 5 of 24



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00149

Sample: 001 BC-7 60-62
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.01	JS	03/22/2006 / 1:00	
Aluminum	6010B, SW-846	15000	mg/Kg	20.1	JS	03/22/2006 / 1:00	
Arsenic	6010B, SW-846	2.48	mg/Kg	1.00	JS	03/22/2006 / 1:00	
Barium	6010B, SW-846	66.2	mg/Kg	3.0	JS	03/22/2006 / 1:00	
Beryllium	6010B, SW-846	0.843	mg/Kg	0.301	JS	03/22/2006 / 1:00	
Cadmium	6010B, SW-846	ND	mg/Kg	0.301	JS	03/22/2006 / 1:00	
Chromium	6010B, SW-846	31.3	mg/Kg	1.00	JS	03/22/2006 / 1:00	
Calcium	6010B, SW-846	2260	mg/Kg	150	JS	03/22/2006 / 1:00	
Iron	6010B, SW-846	29400	mg/Kg	10.0	JS	03/22/2006 / 1:00	B1
Cobalt	6010B, SW-846	14.3	mg/Kg	5.01	JS	03/22/2006 / 1:00	
Copper	6010B, SW-846	27.1	mg/Kg	5.01	JS	03/22/2006 / 1:00	
Lead	6010B, SW-846	14.5	mg/Kg	3.01	JS	03/22/2006 / 1:00	
Magnesium	6010B, SW-846	4760	mg/Kg	120	JS	03/22/2006 / 1:00	
Manganese	6010B, SW-846	504	mg/Kg	1.50	JS	03/22/2006 / 1:00	
Mercury	SW-846; 7471	ND	mg/Kg	0.0404	NAP	03/23/2006 / 10:06	
Nickel	6010B, SW-846	27.7	mg/Kg	4.01	JS	03/22/2006 / 1:00	
Vanadium	6010B, SW-846	39.3	mg/Kg	5.01	JS	03/22/2006 / 1:00	
Selenium	6010B, SW-846	2.31	mg/Kg	2.01	JS	03/22/2006 / 1:00	
Potassium	6010B, SW-846	2650	mg/Kg	150	JS	03/22/2006 / 1:00	
Silver	6010B, SW-846	ND	mg/Kg	0.50	JS	03/22/2006 / 1:00	
Sodium	6010B, SW-846	417	mg/Kg	150	JS	03/22/2006 / 1:00	
Thallium	6010B, SW-846	ND	mg/Kg	2.01	JS	03/22/2006 / 1:00	
Zinc	6010B, SW-846	71.8	mg/Kg	5.01	JS	03/22/2006 / 1:00	
Percent Solids		82.4	%		SEF	03/21/2006 / 10:53	
PCB OIL/SOIL EXTRACTIONS		30.25			ADW	03/20/2006 / 18:13	
Flame/ICP Solid Digestion	EPA 3050B	82.6446			SEF	03/21/2006 / 16:16	

Sample: 002 FB031806
Collection Date: 03/18/2006 Time: 7:55:00AM
Matrix: WATER

Received Date: 03/20/2006 Time: 9:35:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Total Cyanide	9010/335.3	ND	mg/L	0.01	*PH	03/22/2006 / 13:22	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744
ND = Not Detected PQL= Practical Quantitation Limit

Page: 6 of 24

Sample: 002 FB031806
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics 8260							
Dichlorodifluoromethane	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
Vinyl Chloride	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
Chloromethane	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
Bromomethane	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
Chloroethane	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
Trichlorofluoromethane	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
Acrolein	EPA 8260B	ND	ug/L	25	MVP	03/22/2006 / 12:03	
Acetone	EPA 8260B	ND	ug/L	25	MVP	03/22/2006 / 12:03	
1,1-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
Iodomethane	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
Carbon Disulfide	EPA 8260B	ND	ug/L	25	MVP	03/22/2006 / 12:03	
Methylene Chloride	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
Acrylonitrile	EPA 8260B	ND	ug/L	25	MVP	03/22/2006 / 12:03	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
1,1-Dichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
Vinyl Acetate	EPA 8260B	ND	ug/L	25	MVP	03/22/2006 / 12:03	
2-Butanone-(MEK)	EPA 8260B	ND	ug/L	25	MVP	03/22/2006 / 12:03	
2,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
Chloroform	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
Bromochloromethane	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
1,1-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
Carbon Tetrachloride	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
Benzene	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
1,2-Dichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
Trichloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
1,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/L	25	MVP	03/22/2006 / 12:03	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/L	25	MVP	03/22/2006 / 12:03	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
Toluene	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00149

Sample: 002 FB031806

(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
Bromodichloromethane	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
Dibromomethane	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
1,2-Dibromoethane	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
2-Hexanone	EPA 8260B	ND	ug/L	25	MVP	03/22/2006 / 12:03	
1,3-Dichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
Tetrachloroethylene	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
Dibromochloromethane	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
Chlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
Ethylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
M&P-Xylene	EPA 8260B	ND	ug/L	10	MVP	03/22/2006 / 12:03	
O-Xylene	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
Styrene	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
Bromoform	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
Isopropylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
n-Propylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	ug/L	25	MVP	03/22/2006 / 12:03	
Bromobenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
2-Chlorotoluene	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
4-Chlorotoluene	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
tert-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
sec-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
4-Isopropyltoluene	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
n-Butylbenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 8 of 24



Sample: 002 FB031806

(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
Hexachlorobutadiene	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
Naphthalene	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/L	5.0	MVP	03/22/2006 / 12:03	
DIBROMOFLUOROMETHANE (SURR)		97.3	%		MVP	03/22/2006 / 12:03	
TOLUENE-D8 (SURROGATE)		102	%		MVP	03/22/2006 / 12:03	
4-BROMOFLUOROBENZENE (SURR)		102	%		MVP	03/22/2006 / 12:03	
B/NA Extractables EPA 8270							
N-Nitrosodimethylamine	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
Aniline	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
Phenol	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
2-Chlorophenol	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
Benzyl Alcohol	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
2-Methyl Phenol	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
Hexachloroethane	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
3&4-Methyl Phenol	EPA 8270C	ND	ug/L	11	TLL	03/21/2006 / 17:04	
Nitrobenzene	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
Isophorone	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
2-Nitrophenol	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
2,4-Dimethylphenol	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
2,4-Dichlorophenol	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
Benzoic Acid	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
Naphthalene	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
4-Chloroaniline	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
Hexachlorobutadiene	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00149

Sample: 002 FB031806
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2-Methylnaphthalene	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
2-Chloronaphthalene	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
2-Nitroaniline	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
Acenaphthylene	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
Dimethyl Phthalate	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
Acenaphthene	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
3-Nitroaniline	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
2,4-Dinitrophenol	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
Dibenzofuran	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
4-Nitrophenol	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
Fluorene	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
Diethyl Phthalate	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
4-Nitroaniline	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
Hexachlorobenzene	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
Pentachlorophenol	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
Phenanthrene	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
Anthracene	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
Carbazole	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
Di-n-butylphthalate	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
Fluoranthene	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
Benzidine	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
Pyrene	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
Benzo(a)anthracene	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 10 of 24



Sample: 002 FB031806

(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Chrysene	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
bis(2-Ethylhexyl)phthalate	EPA 8270C	1	ug/L	5	TLL	03/21/2006 / 17:04	J, B
Di-n-octyl phthalate	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
Benzo(a)pyrene	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/L	5	TLL	03/21/2006 / 17:04	
2-FLUOROPHENOL (SURR)		54.2	%		TLL	03/21/2006 / 17:04	
PHENOL-D5 (SURR)		37.4	%		TLL	03/21/2006 / 17:04	
NITROBENZENE-D5 (SURR)		76.4	%		TLL	03/21/2006 / 17:04	
2-FLUOROBIPHENYL (SURR)		84.1	%		TLL	03/21/2006 / 17:04	
2,4,6-TRIBROMOPHENOL (SURR)		67.3	%		TLL	03/21/2006 / 17:04	
TERPHENYL-D14 (SURR)		97.7	%		TLL	03/21/2006 / 17:04	
PCB							
PCB-1016	EPA 8082	ND	ug/L	1.0	NAC	03/20/2006 / 11:58	
PCB-1221	EPA 8082	ND	ug/L	1.0	NAC	03/20/2006 / 11:58	
PCB-1232	EPA 8082	ND	ug/L	1.0	NAC	03/20/2006 / 11:58	
PCB-1242	EPA 8082	ND	ug/L	1.0	NAC	03/20/2006 / 11:58	
PCB-1248	EPA 8082	ND	ug/L	1.0	NAC	03/20/2006 / 11:58	
PCB-1254	EPA 8082	ND	ug/L	1.0	NAC	03/20/2006 / 11:58	
PCB-1260	EPA 8082	ND	ug/L	1.0	NAC	03/20/2006 / 11:58	
PCB-1262	EPA 8082	ND	ug/L	1.0	NAC	03/20/2006 / 11:58	
TCMX (SURROGATE)		103	%		NAC	03/20/2006 / 11:58	
DCB (SURROGATE)		118	%		NAC	03/20/2006 / 11:58	
Target Analyte List Metals							
Aluminum	200.7, EPA 1987	ND	mg/L	0.150	JS	03/23/2006 / 9:25	
Antimony	200.7, EPA 1987	ND	mg/L	0.0100	JS	03/23/2006 / 9:25	
Barium	200.7, EPA 1987	ND	mg/L	0.0100	JS	03/23/2006 / 9:25	
Arsenic	200.7, EPA 1987	ND	mg/L	0.0100	JS	03/23/2006 / 9:25	
Beryllium	200.7, EPA 1987	ND	mg/L	0.00250	JS	03/23/2006 / 9:25	
Cadmium	200.7, EPA 1987	ND	mg/L	0.00110	JS	03/23/2006 / 9:25	
Chromium	200.7, EPA 1987	ND	mg/L	0.00600	JS	03/23/2006 / 9:25	



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00149

Sample: 002 FB031806
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Calcium	200.7, EPA 1987	ND	mg/L	0.500	JS	03/23/2006 / 9:25	B
Copper	200.7, EPA 1987	ND	mg/L	0.00500	JS	03/23/2006 / 9:25	
Cobalt	200.7, EPA 1987	ND	mg/L	0.0500	JS	03/23/2006 / 9:25	
Iron	200.7, EPA 1987	ND	mg/L	0.100	JS	03/23/2006 / 9:25	
Magnesium	200.7, EPA 1987	ND	mg/L	0.500	JS	03/23/2006 / 9:25	
Lead	200.7, EPA 1987	ND	mg/L	0.0100	JS	03/23/2006 / 9:25	
Manganese	200.7, EPA 1987	ND	mg/L	0.00700	JS	03/23/2006 / 9:25	
Mercury	245.1, EPA 1983	ND	mg/L	0.000200	NAP	03/21/2006 / 13:58	
Nickel	200.7, EPA 1987	ND	mg/L	0.0400	JS	03/23/2006 / 9:25	
Potassium	200.7, EPA 1987	ND	mg/L	0.500	JS	03/23/2006 / 9:25	
Sodium	200.7, EPA 1987	ND	mg/L	2.00	JS	03/23/2006 / 9:25	
Silver	200.7, EPA 1987	ND	mg/L	0.00500	JS	03/23/2006 / 9:25	
Selenium	200.7, EPA 1987	ND	mg/L	0.0200	JS	03/23/2006 / 9:25	
Zinc	200.7, EPA 1987	ND	mg/L	0.0500	JS	03/23/2006 / 9:25	
Thallium	200.7, EPA 1987	ND	mg/L	0.0200	JS	03/23/2006 / 9:25	
Vanadium	200.7, EPA 1987	ND	mg/L	0.0500	JS	03/23/2006 / 9:25	
PCB WATER EXTRACTION		0.980			MEW	03/20/2006 / 17:08	

Sample: 003 BC-8 31-33
Collection Date: 03/18/2006 Time: 11:00:00AM
Matrix: SOIL

Received Date: 03/20/2006 Time: 9:35:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Total Cyanide	SW9010	ND	mg/Kg	0.62	*PH	03/22/2006 / 13:22	
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
Chloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
Bromomethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
Chloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
Acrolein	EPA 8260B	ND	ug/Kg	48	MVP	03/22/2006 / 12:34	
Acetone	EPA 8260B	ND	ug/Kg	48	MVP	03/22/2006 / 12:34	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected

PQL= Practical Quantitation Limit

Page: 12 of 24

Sample: 003 BC-8 31-33

(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Iodomethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	48	MVP	03/22/2006 / 12:34	
Methylene Chloride	EPA 8260B	ND	ug/Kg	38	MVP	03/22/2006 / 12:34	
Acrylonitrile	EPA 8260B	ND	ug/Kg	48	MVP	03/22/2006 / 12:34	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	48	MVP	03/22/2006 / 12:34	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	48	MVP	03/22/2006 / 12:34	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
Chloroform	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
Bromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
Benzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
Trichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	48	MVP	03/22/2006 / 12:34	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	48	MVP	03/22/2006 / 12:34	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
Toluene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
Dibromomethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
2-Hexanone	EPA 8260B	ND	ug/Kg	48	MVP	03/22/2006 / 12:34	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
Chlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	

Sample: 003 BC-8 31-33
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
Ethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
M & P XYLENE	EPA 8260B	4	ug/Kg	19	MVP	03/22/2006 / 12:34	J
O-XYLENE	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
Styrene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
Bromoform	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
Bromobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
Naphthalene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 12:34	
DIBROMOFLUOROMETHANE (SURR)		98.7	%		MVP	03/22/2006 / 12:34	
TOLUENE-D8 (SURROGATE)		102	%		MVP	03/22/2006 / 12:34	
4-BROMOFLUOROBENZENE (SURR)		85.2	%		MVP	03/22/2006 / 12:34	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	

Sample: 003 BC-8 31-33
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Phenol	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
Hexachloroethane	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	410	TLL	03/24/2006 / 5:49	
Nitrobenzene	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
Isophorone	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
Naphthalene	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
Acenaphthylene	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
Acenaphthene	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	

Sample: 003 BC-8 31-33
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Dibenzofuran	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
Fluorene	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
Phenanthrene	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
Anthracene	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
Carbazole	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
Fluoranthene	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
Benzidine	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
Pyrene	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
Chrysene	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
bis(2-Ethylhexyl)phthalate	EPA 8270C	1800	ug/Kg	210	TLL	03/24/2006 / 5:49	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	210	TLL	03/24/2006 / 5:49	
2-FLUOROPHENOL (SURR)		66.4	%		TLL	03/24/2006 / 5:49	
PHENOL-D5 (SURR)		64.1	%		TLL	03/24/2006 / 5:49	
NITROBENZENE-D5 (SURR)		70.0	%		TLL	03/24/2006 / 5:49	
2-FLUOROBIPHENYL (SURR)		68.7	%		TLL	03/24/2006 / 5:49	

Sample: 003 BC-8 31-33

(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2,4,6-TRIBROMOPHENOL (SURR)		72.4	%		TLL	03/24/2006 / 5:49	
TERPHENYL-D14 (SURR)		76.8	%		TLL	03/24/2006 / 5:49	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	41	NAC	03/21/2006 / 12:13	
PCB-1221	EPA 8082	ND	ug/Kg	41	NAC	03/21/2006 / 12:13	
PCB-1232	EPA 8082	ND	ug/Kg	41	NAC	03/21/2006 / 12:13	
PCB-1242	EPA 8082	ND	ug/Kg	41	NAC	03/21/2006 / 12:13	
PCB-1248	EPA 8082	ND	ug/Kg	41	NAC	03/21/2006 / 12:13	
PCB-1254	EPA 8082	ND	ug/Kg	41	NAC	03/21/2006 / 12:13	
PCB-1260	EPA 8082	ND	ug/Kg	41	NAC	03/21/2006 / 12:13	
PCB-1262	EPA 8082	ND	ug/Kg	41	NAC	03/21/2006 / 12:13	
PCB-1268	EPA 8082	ND	ug/Kg	41	NAC	03/21/2006 / 12:13	
TCMX (SURROGATE)		93.1	%		NAC	03/21/2006 / 12:13	
DCB (SURROGATE)		91.8	%		NAC	03/21/2006 / 12:13	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.22	JS	03/22/2006 / 1:00	
Aluminum	6010B, SW-846	3240	mg/Kg	22.2	JS	03/22/2006 / 1:00	
Arsenic	6010B, SW-846	ND	mg/Kg	1.11	JS	03/22/2006 / 1:00	
Barium	6010B, SW-846	14.1	mg/Kg	3.3	JS	03/22/2006 / 1:00	
Beryllium	6010B, SW-846	ND	mg/Kg	0.333	JS	03/22/2006 / 1:00	
Cadmium	6010B, SW-846	ND	mg/Kg	0.333	JS	03/22/2006 / 1:00	
Chromium	6010B, SW-846	8.76	mg/Kg	1.11	JS	03/22/2006 / 1:00	
Calcium	6010B, SW-846	2330	mg/Kg	166	JS	03/22/2006 / 1:00	
Iron	6010B, SW-846	7870	mg/Kg	11.1	JS	03/22/2006 / 1:00	B1
Cobalt	6010B, SW-846	ND	mg/Kg	5.55	JS	03/22/2006 / 1:00	
Copper	6010B, SW-846	7.22	mg/Kg	5.55	JS	03/22/2006 / 1:00	
Lead	6010B, SW-846	3.82	mg/Kg	3.33	JS	03/22/2006 / 1:00	
Magnesium	6010B, SW-846	2710	mg/Kg	133	JS	03/22/2006 / 1:00	
Manganese	6010B, SW-846	132	mg/Kg	1.66	JS	03/22/2006 / 1:00	
Mercury	SW-846; 7471	ND	mg/Kg	0.0400	NAP	03/23/2006 / 10:06	
Nickel	6010B, SW-846	12.0	mg/Kg	4.44	JS	03/22/2006 / 1:00	
Vanadium	6010B, SW-846	9.77	mg/Kg	5.55	JS	03/22/2006 / 1:00	
Selenium	6010B, SW-846	ND	mg/Kg	2.22	JS	03/22/2006 / 1:00	
Potassium	6010B, SW-846	633	mg/Kg	166	JS	03/22/2006 / 1:00	

Sample: 003 BC-8 31-33
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Silver	6010B, SW-846	ND	mg/Kg	0.55	JS	03/22/2006 / 1:00	
Sodium	6010B, SW-846	303	mg/Kg	166	JS	03/22/2006 / 1:00	
Thallium	6010B, SW-846	ND	mg/Kg	2.22	JS	03/22/2006 / 1:00	
Zinc	6010B, SW-846	24.5	mg/Kg	5.55	JS	03/22/2006 / 1:00	
Percent Solids		80.5	%		SEF	03/21/2006 / 10:53	
PCB OIL/SOIL EXTRACTIONS		30.61			ADW	03/20/2006 / 18:13	
Flame/ICP Solid Digestion	EPA 3050B	89.2857			SEF	03/21/2006 / 16:16	

Sample: 004 BC-8 41-43
Collection Date: 03/18/2006 **Time:** 2:00:00PM
Matrix: SOIL

Received Date: 03/20/2006 **Time:** 9:35:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Total Cyanide	SW9010	ND	mg/Kg	0.60	*PH	03/22/2006 / 13:22	
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
Chloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
Bromomethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
Chloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
Acrolein	EPA 8260B	ND	ug/Kg	50	MVP	03/22/2006 / 16:19	
Acetone	EPA 8260B	ND	ug/Kg	50	MVP	03/22/2006 / 16:19	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
Iodomethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	50	MVP	03/22/2006 / 16:19	
Methylene Chloride	EPA 8260B	ND	ug/Kg	40	MVP	03/22/2006 / 16:19	
Acrylonitrile	EPA 8260B	ND	ug/Kg	50	MVP	03/22/2006 / 16:19	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	50	MVP	03/22/2006 / 16:19	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	50	MVP	03/22/2006 / 16:19	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	

Sample: 004 BC-8 41-43
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
Chloroform	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
Bromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
Benzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
Trichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	50	MVP	03/22/2006 / 16:19	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	50	MVP	03/22/2006 / 16:19	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
Toluene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
Dibromomethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
2-Hexanone	EPA 8260B	ND	ug/Kg	50	MVP	03/22/2006 / 16:19	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
Chlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
Ethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
M & P XYLENE	EPA 8260B	ND	ug/Kg	20	MVP	03/22/2006 / 16:19	
O-XYLENE	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
Styrene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
Bromoform	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	



Sample: 004 BC-8 41-43
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
Bromobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
Naphthalene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/22/2006 / 16:19	
DIBROMOFLUOROMETHANE (SURR)		102	%		MVP	03/22/2006 / 16:19	
TOLUENE-D8 (SURROGATE)		103	%		MVP	03/22/2006 / 16:19	
4-BROMOFLUOROBENZENE (SURR)		100	%		MVP	03/22/2006 / 16:19	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
Phenol	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
Hexachloroethane	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	400	TLL	03/24/2006 / 6:27	

Sample: 004 BC-8 41-43
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Nitrobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
Isophorone	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
Naphthalene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
Acenaphthylene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
Acenaphthene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
Dibenzofuran	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
Fluorene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	

Sample: 004 BC-8 41-43
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Pentachlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
Phenanthrene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
Anthracene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
Carbazole	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
Fluoranthene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
Benzidine	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
Pyrene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
Chrysene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
bis(2-Ethylhexyl)phthalate	EPA 8270C	700	ug/Kg	200	TLL	03/24/2006 / 6:27	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	200	TLL	03/24/2006 / 6:27	
2-FLUOROPHENOL (SURR)		54.3	%		TLL	03/24/2006 / 6:27	
PHENOL-D5 (SURR)		54.9	%		TLL	03/24/2006 / 6:27	
NITROBENZENE-D5 (SURR)		44.9	%		TLL	03/24/2006 / 6:27	
2-FLUOROBIPHENYL (SURR)		47.5	%		TLL	03/24/2006 / 6:27	
2,4,6-TRIBROMOPHENOL (SURR)		61.9	%		TLL	03/24/2006 / 6:27	
TERPHENYL-D14 (SURR)		62.8	%		TLL	03/24/2006 / 6:27	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	40	NAC	03/21/2006 / 6:00	
PCB-1221	EPA 8082	ND	ug/Kg	40	NAC	03/21/2006 / 6:00	
PCB-1232	EPA 8082	ND	ug/Kg	40	NAC	03/21/2006 / 6:00	
PCB-1242	EPA 8082	ND	ug/Kg	40	NAC	03/21/2006 / 6:00	
PCB-1248	EPA 8082	ND	ug/Kg	40	NAC	03/21/2006 / 6:00	
PCB-1254	EPA 8082	ND	ug/Kg	40	NAC	03/21/2006 / 6:00	
PCB-1260	EPA 8082	ND	ug/Kg	40	NAC	03/21/2006 / 6:00	

Sample: 004 BC-8 41-43
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-1262	EPA 8082	ND	ug/Kg	40	NAC	03/21/2006 / 6:00	
PCB-1268	EPA 8082	ND	ug/Kg	40	NAC	03/21/2006 / 6:00	
TCMX (SURROGATE)		83.4	%		NAC	03/21/2006 / 6:00	
DCB (SURROGATE)		94.3	%		NAC	03/21/2006 / 6:00	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	2.18	JS	03/22/2006 / 1:00	M2
Aluminum	6010B, SW-846	17100	mg/Kg	21.8	JS	03/22/2006 / 1:00	MHA
Arsenic	6010B, SW-846	ND	mg/Kg	1.09	JS	03/22/2006 / 1:00	
Barium	6010B, SW-846	176	mg/Kg	3.3	JS	03/22/2006 / 1:00	
Beryllium	6010B, SW-846	0.591	mg/Kg	0.327	JS	03/22/2006 / 1:00	
Cadmium	6010B, SW-846	ND	mg/Kg	0.327	JS	03/22/2006 / 1:00	
Chromium	6010B, SW-846	28.1	mg/Kg	1.09	JS	03/22/2006 / 1:00	
Calcium	6010B, SW-846	17400	mg/Kg	164	JS	03/22/2006 / 1:00	M2
Iron	6010B, SW-846	26300	mg/Kg	10.9	JS	03/22/2006 / 1:00	B1 MHA
Cobalt	6010B, SW-846	10.6	mg/Kg	5.46	JS	03/22/2006 / 1:00	
Copper	6010B, SW-846	26.3	mg/Kg	5.46	JS	03/22/2006 / 1:00	M1
Lead	6010B, SW-846	7.93	mg/Kg	3.27	JS	03/22/2006 / 1:00	
Magnesium	6010B, SW-846	8560	mg/Kg	131	JS	03/22/2006 / 1:00	
Manganese	6010B, SW-846	509	mg/Kg	1.64	JS	03/22/2006 / 1:00	MHA
Mercury	SW-846; 7471	ND	mg/Kg	0.0389	NAP	03/23/2006 / 10:06	
Nickel	6010B, SW-846	21.7	mg/Kg	4.37	JS	03/22/2006 / 1:00	
Vanadium	6010B, SW-846	37.8	mg/Kg	5.46	JS	03/22/2006 / 1:00	
Selenium	6010B, SW-846	ND	mg/Kg	2.18	JS	03/22/2006 / 1:00	
Potassium	6010B, SW-846	4770	mg/Kg	164	JS	03/22/2006 / 1:00	
Silver	6010B, SW-846	ND	mg/Kg	0.55	JS	03/22/2006 / 1:00	
Sodium	6010B, SW-846	853	mg/Kg	164	JS	03/22/2006 / 1:00	
Thallium	6010B, SW-846	6.75	mg/Kg	2.18	JS	03/22/2006 / 1:00	
Zinc	6010B, SW-846	61.6	mg/Kg	5.46	JS	03/22/2006 / 1:00	
Percent Solids		81.8	%		SEF	03/21/2006 / 10:53	
PCB OIL/SOIL EXTRACTIONS		30.69			ADW	03/20/2006 / 18:13	
Flame/ICP Solid Digestion	EPA 3050B	89.2857			SEF	03/21/2006 / 16:16	



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00149

Sample: 005 TRIP BLANK

Collection Date: 03/18/2006

Matrix: WATER

Received Date: 03/20/2006 Time: 9:35:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Needs Electronic Delivery						00/00/0000 / :0	

- B1 Analyte was detected in the associated method blank. Analyte concentration in the sample is greater than 10x the concentration found in the method blank.
- J Estimated value. Analyte detected at a level less than the Practical Quantitation Limit (PQL) and greater than or equal to the Method Detection Limit (MDL).
- M1 The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
- M2 The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
- MHA Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).

*PH = Phoenix Environmental Laboratories (NELAP: 11301 MA: M-CT007)

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

Authorized By:


Robert Bell, Environmental Laboratory Manager

Date:


3/27/06

NOTE: All solid results are reported on a dry weight basis unless otherwise noted.

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 24 of 24

CHAIN OF CUSTODY RECORD

AMERI SCI
BOSTON

AMERISCI BOSTON
8 School Street ~ Weymouth, MA 02189
888.724.5221 Toll Free
781.337.9334 Phone ~ 781.337.7642 Fax

AMERISCI JOB NO.:

DUE DATE:

☐ 1 DAY ☐ 2 DAY ☐ 3 DAY ☒ 5 DAY ☐ 7 DAY ☐ 10 DAY

DATA PACKAGE:

0603-149

PAGE 1 OF 1

TEMP UPON RECEIPT:

4.6°C

P.O.#

[illegible]

NO POUCH NEEDED

See back for peel and stick application instructions

RECIPIENT: PEEL HERE

FedEx USA Airbill

8455 4997 2342

1 From: This section is removed for Recipient's records

Date: 01/06/06 FedEx Tracking Number: 8455 4997 2342

Sender's Name: EDC ACS Phone: 908 707-8874

Address: MEDICAL & EDDY INC 13401 US HIGHWAY 22 # 101 State: NJ ZIP: 08807-2912

Additional Billing Reference: MEDGEMATER

Complete Name: ANDIE MACALENENT Phone: 781 337-9334

Address: 140071 State: MA ZIP: 02189

City: School Streets

Country: MA ZIP: 02189

Delivery Point: 02189

Delivery Point: 02189

Delivery Point: 02189

Delivery Point: 02189

Delivery Point: 02189

Delivery Point: 02189

Delivery Point: 02189

Delivery Point: 02189

Delivery Point: 02189

Delivery Point: 02189

0215

Recipient's Copy

4a Express Package Service

☒ FedEx Priority Overnight ☐ FedEx Standard Overnight ☐ Next business day

☐ FedEx 2Day ☐ FedEx Express Saver ☐ FedEx 3Day Freight

☐ FedEx 1Day Freight ☐ FedEx 2Day Freight ☐ FedEx 3Day Freight

☐ FedEx Envelope ☐ FedEx Pak ☒ Other

☐ Special Handling ☐ Saturday Delivery ☐ Sunday Delivery

☐ Signature Required ☐ Signature Not Required ☐ Signature of Addressee

☐ Insured ☐ Signature of Addressee ☐ Signature of Shipper

☐ Signature of Addressee ☐ Signature of Shipper ☐ Signature of Recipient

☐ Signature of Addressee ☐ Signature of Shipper ☐ Signature of Recipient

☐ Signature of Addressee ☐ Signature of Shipper ☐ Signature of Recipient

☐ Signature of Addressee ☐ Signature of Shipper ☐ Signature of Recipient

☐ Signature of Addressee ☐ Signature of Shipper ☐ Signature of Recipient

☐ Signature of Addressee ☐ Signature of Shipper ☐ Signature of Recipient

☐ Signature of Addressee ☐ Signature of Shipper ☐ Signature of Recipient

☐ Signature of Addressee ☐ Signature of Shipper ☐ Signature of Recipient

☐ Signature of Addressee ☐ Signature of Shipper ☐ Signature of Recipient

ALIGN FEDEX AIRBILL POUCH HERE

NOT LIFT USING THIS TAG

DO NOT LIFT USING THIS TAG

Sample Receiving Form

CLIENT: <i>Metcalfe + Eddy</i>	WORKORDER: <i>0603-149</i>
CLIENTS JOB: <i>BAYSIDE Petroleum</i>	RECEIVED BY: <i>mf</i>
RECEIVED DATE: <i>3/20/06</i>	SHIPPING METHOD: <i>Fed Ex</i>
TEMP UPON RECEIPT: <i>4-6 °C</i>	

"No" responses must be explained in the comment section below.

Checklist	YES	NO	NA
Were custody seals on shipping container(s) intact? Check "NA" if no seals, or if containers were hand delivered.			<i>X</i>
Were Chain of Custody Forms included with the samples?	<i>X</i>		
Were Chain of Custody Forms properly filled out (ink, signed, etc.)	<i>X</i>		
Were all containers received in good condition (Check for breakage/leaks)?	<i>X</i>		
Were all containers labeled with required information (Sample Id, date, signed, analysis, preservation)?	<i>X</i>		
Were the correct containers used for the tests indicated?	<i>X</i>		
Were proper preservation techniques indicated?	<i>X</i>		
Were samples received within holding times? If "NO" nonconformance form is required.	<i>X</i>		
Were all VOA bottles checked for the presence of air bubbles? If bubbles were found please note in the comment section.	<i>X</i>		
Were samples in direct contact with wet ice? If "NO" check one: <input type="checkbox"/> Blue Ice <input type="checkbox"/> No Ice	<i>X</i>		
Is sample temperature recorded ? If "NO" check one: <input type="checkbox"/> Unable to record <input type="checkbox"/> Temp taken near samples	<i>X</i>		
Were pHs of samples checked and recorded on the COC forms?	<i>X</i>		
Did the laboratory accept samples?	<i>X</i>		
Will samples be subcontracted? If "yes" list subcontractor and tests in specified sections below.	<i>X</i>		
Subcontractor: <i>Phoenix</i>	Date Sent Out: <i>3/20/06</i>		
Analyses Sent: <i>CN-</i>			

Login Technician: <i>(mf)</i>	Login Review:
Comments:	



Please Reply To:

AmeriSci Boston
Eight School Street
Weymouth, MA 02189
TEL:(781)337-9334 FAX:(781)337-7642

FACSIMILE TELECOPY TRANSMISSION

To: Mr. Nelson Abrams
Metcalf & Eddy Associates

AmeriSci Job# 0603-00199

Subject: BAYSIDE PETROLEUM: 3/21 + 3

Fax #

Email: Nelson Abrams

Date: Friday, March 31, 2006

Time: 5:37:35PM

Comments:

This report consists of 28 pages, including:

Cover Page (Facsimile Telecopy Transmission)	<u>1</u>	pages
Laboratory Report	<u>24</u>	pages
Chain of Custody Record	<u>1</u>	pages
Air bill	<u>1</u>	pages
Sample Receiving Form	<u>1</u>	pages
Miscellaneous	<u>0</u>	pages

CONFIDENTIALITY NOTICE: Unless otherwise indicated, the information contained in this facsimile communication is confidential information intended for the use of the individual named above. If the reader of this communication is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is prohibited. If you have received this communication in error, please immediately notify the sender by telephone and return the original message to the above address via US Postal Service at our expense. Preliminary data reported here will be verified before final report is issued. Samples are disposed of in 60 days unless otherwise instructed by the protocol or special instructions in writing. Thank you.

Certified Analysis Service 24 Hours a Day - 7 Days a Week Competitive Prices
www.amerisci.com

Boston - Los Angeles - New York - Richmond



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

Laboratory Report

Report Date 00/00/0000
Workorder No. 0603-00199

Customer: Metcalf & Eddy Associates
1140 Route 22 East
Suite 101
Bridgewater, NJ 08807

Attention: Mr. Nelson Abrams

Subject: BAYSIDE PETROLEUM: 3/21 + 3/22

Sample: 001 BCS-10 46-48

Collection Date: 03/21/2006 Time: 10:45:00AM

Matrix: SOIL

Received Date: 03/25/2006 Time: 12:35:00PM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Total Cyanide	SW9010	ND	mg/Kg	0.057	*PH	03/27/2006 / 14:59	
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
Chloromethane	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
Bromomethane	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
Chloroethane	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
Acrolein	EPA 8260B	ND	ug/Kg	47	MVP	03/28/2006 / 11:08	
Acetone	EPA 8260B	ND	ug/Kg	47	MVP	03/28/2006 / 11:08	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
Iodomethane	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	47	MVP	03/28/2006 / 11:08	
Methylene Chloride	EPA 8260B	ND	ug/Kg	38	MVP	03/28/2006 / 11:08	
Acrylonitrile	EPA 8260B	ND	ug/Kg	47	MVP	03/28/2006 / 11:08	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	47	MVP	03/28/2006 / 11:08	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	47	MVP	03/28/2006 / 11:08	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
Chloroform	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
Bromochloromethane	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00199

Sample: 001 BCS-10 46-48
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
Benzene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
Trichloroethylene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	47	MVP	03/28/2006 / 11:08	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	47	MVP	03/28/2006 / 11:08	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
Toluene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
Dibromomethane	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
2-Hexanone	EPA 8260B	ND	ug/Kg	47	MVP	03/28/2006 / 11:08	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
Chlorobenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
Ethylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
M & P XYLENE	EPA 8260B	ND	ug/Kg	19	MVP	03/28/2006 / 11:08	
O-XYLENE	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
Styrene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
Bromoform	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
Bromobenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 2 of 24



Customer: Metcalf & Eddy Associates

Workorder No. 0603-00199

Sample: 001 BCS-10 46-48
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
Naphthalene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 11:08	
DIBROMOFLUOROMETHANE (SURR)		98.7	%		MVP	03/28/2006 / 11:08	
TOLUENE-D8 (SURROGATE)		102	%		MVP	03/28/2006 / 11:08	
4-BROMOFLUOROBENZENE (SURR)		102	%		MVP	03/28/2006 / 11:08	
B/NA Extractables Soil					MVP	03/28/2006 / 11:08	
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
Phenol	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
Hexachloroethane	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	390	TLL	03/29/2006 / 13:03	
Nitrobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
Isophorone	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744
ND = Not Detected PQL= Practical Quantitation Limit



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00199

Sample: 001 BCS-10 46-48

(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
Naphthalene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
Acenaphthylene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
Acenaphthene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
Dibenzofuran	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
Fluorene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
Phenanthrene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
Anthracene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
Carbazole	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 4 of 24



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00199

Sample: 001 BCS-10 46-48
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
Fluoranthene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
Benzidine	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
Pyrene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
3,3'-Dichlorbenzidine	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
Chrysene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
bis(2-Ethylhexyl)phthalate	EPA 8270C	170	ug/Kg	200	TLL	03/29/2006 / 13:03	J,B
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 13:03	
2-FLUOROPHENOL (SURR)		75.2	%		TLL	03/29/2006 / 13:03	
PHENOL-D5 (SURR)		72.4	%		TLL	03/29/2006 / 13:03	
NITROBENZENE-D5 (SURR)		76.6	%		TLL	03/29/2006 / 13:03	
2-FLUOROBIPHENYL (SURR)		74.6	%		TLL	03/29/2006 / 13:03	
2,4,6-TRIBROMOPHENOL (SURR)		81.3	%		TLL	03/29/2006 / 13:03	
TERPHENYL-D14 (SURR)		91.8	%		TLL	03/29/2006 / 13:03	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	39	NAC	03/28/2006 / 21:00	
PCB-1221	EPA 8082	ND	3	39	NAC	03/28/2006 / 21:00	
PCB-1232	EPA 8082	ND	ug/Kg	39	NAC	03/28/2006 / 21:00	
PCB-1242	EPA 8082	ND	ug/Kg	39	NAC	03/28/2006 / 21:00	
PCB-1248	EPA 8082	ND	ug/Kg	39	NAC	03/28/2006 / 21:00	
PCB-1254	EPA 8082	ND	ug/Kg	39	NAC	03/28/2006 / 21:00	
PCB-1260	EPA 8082	ND	ug/Kg	39	NAC	03/28/2006 / 21:00	
PCB-1262	EPA 8082	ND	ug/Kg	39	NAC	03/28/2006 / 21:00	
PCB-1268	EPA 8082	ND	ug/Kg	39	NAC	03/28/2006 / 21:00	
TCMX (SURROGATE)		80.9	%		NAC	03/28/2006 / 21:00	
DCB (SURROGATE)		88.1	%		NAC	03/28/2006 / 21:00	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit



Customer: Metcalf & Eddy Associates

Workorder No. 0603-00199

Sample: 001 BCS-10 46-48
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	1.94	JS	03/28/2006 / 1:00	M2
Aluminum	6010B, SW-846	4950	mg/Kg	19.4	JS	03/28/2006 / 1:00	MHA
Arsenic	6010B, SW-846	ND	mg/Kg	0.968	JS	03/28/2006 / 1:00	
Barium	6010B, SW-846	48.0	mg/Kg	2.9	JS	03/28/2006 / 1:00	
Beryllium	6010B, SW-846	0.401	mg/Kg	0.290	JS	03/28/2006 / 1:00	
Cadmium	6010B, SW-846	ND	mg/Kg	0.290	JS	03/28/2006 / 1:00	
Chromium	6010B, SW-846	13.2	mg/Kg	0.968	JS	03/28/2006 / 1:00	
Calcium	6010B, SW-846	10400	mg/Kg	145	JS	03/28/2006 / 1:00	M2
Iron	6010B, SW-846	42700	mg/Kg	9.68	JS	03/28/2006 / 1:00	MHA
Cobalt	6010B, SW-846	6.49	mg/Kg	4.84	JS	03/28/2006 / 1:00	
Copper	6010B, SW-846	27.1	mg/Kg	4.84	JS	03/28/2006 / 1:00	
Lead	6010B, SW-846	7.78	mg/Kg	2.90	JS	03/28/2006 / 1:00	
Magnesium	6010B, SW-846	6650	mg/Kg	116	JS	03/28/2006 / 1:00	M2
Manganese	6010B, SW-846	655	mg/Kg	1.45	JS	03/28/2006 / 1:00	MHA
Mercury	SW-846; 7471	ND	mg/Kg	0.0372	NAP	03/28/2006 / 13:49	
Nickel	6010B, SW-846	9.86	mg/Kg	3.87	JS	03/28/2006 / 1:00	
Vanadium	6010B, SW-846	37.8	mg/Kg	4.84	JS	03/28/2006 / 1:00	
Selenium	6010B, SW-846	ND	mg/Kg	1.94	JS	03/28/2006 / 1:00	
Potassium	6010B, SW-846	1590	mg/Kg	145	JS	03/28/2006 / 1:00	
Silver	6010B, SW-846	0.684	mg/Kg	0.48	JS	03/28/2006 / 1:00	
Sodium	6010B, SW-846	946	mg/Kg	145	JS	03/28/2006 / 1:00	
Thallium	6010B, SW-846	ND	mg/Kg	1.94	JS	03/28/2006 / 1:00	
Zinc	6010B, SW-846	33.6	mg/Kg	4.84	JS	03/28/2006 / 1:00	
Percent Solids		84.0	%		TLL	03/28/2006 / 7:30	
PCB OIL/SOIL EXTRACTIONS		30.25			ADW	03/28/2006 / 15:59	
Flame/ICP-Solid Digestion	EPA-3050B	81.3008			JS	03/28/2006 / 16:17	

Sample: 002 BCS-11 18-20

Collection Date: 03/21/2006 Time: 1:40:00PM

Matrix: SOIL

Received Date: 03/25/2006 Time: 12:35:00PM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Total Cyanide	SW9010	4.0	mg/Kg	0.98	*PH	03/27/2006 / 14:59	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 6 of 24



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00199

Sample: 002 BCS-11 18-20
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
Chloromethane	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
Bromomethane	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
Chloroethane	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
Acrolein	EPA 8260B	ND	ug/Kg	82	MVP	03/27/2006 / 15:24	
Acetone	EPA 8260B	1100	ug/Kg	82	MVP	03/27/2006 / 15:24	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
Iodomethane	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	82	MVP	03/27/2006 / 15:24	
Methylene Chloride	EPA 8260B	17	ug/Kg	66	MVP	03/27/2006 / 15:24	J,B
Acrylonitrile	EPA 8260B	ND	ug/Kg	82	MVP	03/27/2006 / 15:24	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	82	MVP	03/27/2006 / 15:24	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	82	MVP	03/27/2006 / 15:24	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
Chloroform	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
Bromochloromethane	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
Benzene	EPA 8260B	35	ug/Kg	16	MVP	03/27/2006 / 15:24	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
Trichloroethylene	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	82	MVP	03/27/2006 / 15:24	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	82	MVP	03/27/2006 / 15:24	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
Toluene	EPA 8260B	32	ug/Kg	16	MVP	03/27/2006 / 15:24	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 7 of 24



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00199

Sample: 002 BCS-11 18-20
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
Dibromomethane	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
2-Hexanone	EPA 8260B	ND	ug/Kg	82	MVP	03/27/2006 / 15:24	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
Chlorobenzene	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
Ethylbenzene	EPA 8260B	370	ug/Kg	16	MVP	03/27/2006 / 15:24	
M & P XYLENE	EPA 8260B	300	ug/Kg	33	MVP	03/27/2006 / 15:24	
O-XYLENE	EPA 8260B	260	ug/Kg	16	MVP	03/27/2006 / 15:24	
Styrene	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
Bromoform	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
Isopropylbenzene	EPA 8260B	170	ug/Kg	16	MVP	03/27/2006 / 15:24	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
n-Propylbenzene	EPA 8260B	90	ug/Kg	16	MVP	03/27/2006 / 15:24	
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
Bromobenzene	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
1,3,5-Trimethylbenzene	EPA 8260B	410	ug/Kg	16	MVP	03/27/2006 / 15:24	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
1,2,4-Trimethylbenzene	EPA 8260B	10000	ug/Kg	2000	MVP	03/29/2006 / 11:04	
sec-Butylbenzene	EPA 8260B	36	ug/Kg	16	MVP	03/27/2006 / 15:24	
4-Isopropyltoluene	EPA 8260B	310	ug/Kg	16	MVP	03/27/2006 / 15:24	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	

Certifications: MA: MA069 NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 8 of 24



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00199

Sample: 002 BCS-11 18-20
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
Naphthalene	EPA 8260B	79000	ug/Kg	2000	MVP	03/29/2006 / 11:04	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	16	MVP	03/27/2006 / 15:24	
DIBROMOFLUOROMETHANE (SURR)		111	%		MVP	03/27/2006 / 15:24	
TOLUENE-D8 (SURROGATE)		85.5	%		MVP	03/27/2006 / 15:24	
4-BROMOFLUOROBENZENE (SURR)		93.2	%		MVP	03/27/2006 / 15:24	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
Phenol	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
Hexachloroethane	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	3200	TLL	03/29/2006 / 14:57	
Nitrobenzene	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
Isophorone	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
Naphthalene	EPA 8270C	48000	ug/Kg	6400	TLL	03/29/2006 / 14:57	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
2-Methyl Naphthalene	EPA 8270C	37000	ug/Kg	6400	TLL	03/29/2006 / 14:57	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	

Certifications: MA: MA069 NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit



Customer: Metcalf & Eddy Associates

Workorder No. 0603-00199

Sample: 002 BCS-11 18-20
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
Acenaphthylene	EPA 8270C	4100	ug/Kg	1600	TLL	03/29/2006 / 14:57	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
Acenaphthene	EPA 8270C	27000	ug/Kg	6400	TLL	03/29/2006 / 14:57	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
Dibenzofuran	EPA 8270C	3100	ug/Kg	1600	TLL	03/29/2006 / 14:57	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
Fluorene	EPA 8270C	15000	ug/Kg	6400	TLL	03/29/2006 / 14:57	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
Phenanthrene	EPA 8270C	58000	ug/Kg	6400	TLL	03/29/2006 / 14:57	
Anthracene	EPA 8270C	22000	ug/Kg	6400	TLL	03/29/2006 / 14:57	
Carbazole	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
Fluoranthene	EPA 8270C	35000	ug/Kg	6400	TLL	03/29/2006 / 14:57	
Benzidine	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
Pyrene	EPA 8270C	42000	ug/Kg	6400	TLL	03/29/2006 / 14:57	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
Benzo(a)anthracene	EPA 8270C	17000	ug/Kg	1600	TLL	03/29/2006 / 14:57	
Chrysene	EPA 8270C	17000	ug/Kg	1600	TLL	03/29/2006 / 14:57	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	1600	TLL	03/29/2006 / 14:57	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL = Practical Quantitation Limit

Page: 10 of 24



Customer: Metcalf & Eddy Associates

Workorder No. 0603-00199

Sample: 002 BCS-11 18-20

(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Indeno (1,2,3-cd)Pyrene	EPA 8270C	2900	ug/Kg	1600	TLL	03/29/2006 / 14:57	
Benzo(b)fluoranthene	EPA 8270C	10000	ug/Kg	1600	TLL	03/29/2006 / 14:57	
Benzo(k)fluoranthene	EPA 8270C	12000	ug/Kg	1600	TLL	03/29/2006 / 14:57	
Benzo(a)pyrene	EPA 8270C	18000	ug/Kg	1600	TLL	03/29/2006 / 14:57	
Dibenzo(a,h)Anthracene	EPA 8270C	470	ug/Kg	1600	TLL	03/29/2006 / 14:57	
Benzo (g,h,i) perylene	EPA 8270C	5500	ug/Kg	1600	TLL	03/29/2006 / 14:57	
2-FLUOROPHENOL (SURR)		53.4	%		TLL	03/29/2006 / 14:57	
PHENOL-D5 (SURR)		60.2	%		TLL	03/29/2006 / 14:57	
NITROBENZENE-D5 (SURR)		59.5	%		TLL	03/29/2006 / 14:57	
2-FLUOROBIPHENYL (SURR)		74.3	%		TLL	03/29/2006 / 14:57	
2,4,6-TRIBROMOPHENOL (SURR)		113	%		TLL	03/29/2006 / 14:57	
TERPHENYL-D14 (SURR)		88.4	%		TLL	03/29/2006 / 14:57	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	65	NAC	03/28/2006 / 18:00	
PCB-1221	EPA 8082	ND	ug/Kg	65	NAC	03/28/2006 / 18:00	
PCB-1232	EPA 8082	ND	ug/Kg	65	NAC	03/28/2006 / 18:00	
PCB-1242	EPA 8082	ND	ug/Kg	65	NAC	03/28/2006 / 18:00	
PCB-1248	EPA 8082	ND	ug/Kg	65	NAC	03/28/2006 / 18:00	
PCB-1254	EPA 8082	ND	ug/Kg	65	NAC	03/28/2006 / 18:00	
PCB-1260	EPA 8082	ND	ug/Kg	65	NAC	03/28/2006 / 18:00	
PCB-1262	EPA 8082	ND	ug/Kg	65	NAC	03/28/2006 / 18:00	
PCB-1268	EPA 8082	ND	ug/Kg	65	NAC	03/28/2006 / 18:00	
TCMX(SURROGATE)		45.7	%		NAC	03/28/2006 / 18:00	
DCB (SURROGATE)		74.0	%		NAC	03/28/2006 / 18:00	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	3.09	JS	03/28/2006 / 1:00	
Aluminum	6010B, SW-846	12100	mg/Kg	30.9	JS	03/28/2006 / 1:00	
Arsenic	6010B, SW-846	228	mg/Kg	1.54	JS	03/28/2006 / 1:00	
Barium	6010B, SW-846	476	mg/Kg	4.6	JS	03/28/2006 / 1:00	
Beryllium	6010B, SW-846	0.549	mg/Kg	0.463	JS	03/28/2006 / 1:00	
Cadmium	6010B, SW-846	1.57	mg/Kg	0.463	JS	03/28/2006 / 1:00	
Chromium	6010B, SW-846	94.4	mg/Kg	1.54	JS	03/28/2006 / 1:00	
Calcium	6010B, SW-846	5220	mg/Kg	232	JS	03/28/2006 / 1:00	
Iron	6010B, SW-846	29900	mg/Kg	15.4	JS	03/28/2006 / 1:00	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 11 of 24



Customer: Metcalf & Eddy Associates

Workorder No. 0603-00199

Sample: 002 BCS-11 18-20
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Cobalt	6010B, SW-846	9.48	mg/Kg	7.72	JS	03/28/2006 / 1:00	
Copper	6010B, SW-846	876	mg/Kg	7.72	JS	03/28/2006 / 1:00	
Lead	6010B, SW-846	1830	mg/Kg	4.63	JS	03/28/2006 / 1:00	
Magnesium	6010B, SW-846	5720	mg/Kg	185	JS	03/28/2006 / 1:00	
Manganese	6010B, SW-846	331	mg/Kg	2.32	JS	03/28/2006 / 1:00	
Mercury	SW-846; 7471	9.40	mg/Kg	0.312	NAP	03/28/2006 / 13:49	
Nickel	6010B, SW-846	32.2	mg/Kg	6.18	JS	03/28/2006 / 1:00	
Vanadium	6010B, SW-846	36.3	mg/Kg	7.72	JS	03/28/2006 / 1:00	
Selenium	6010B, SW-846	ND	mg/Kg	3.09	JS	03/28/2006 / 1:00	
Potassium	6010B, SW-846	2820	mg/Kg	232	JS	03/28/2006 / 1:00	
Silver	6010B, SW-846	2.64	mg/Kg	0.77	JS	03/28/2006 / 1:00	
Sodium	6010B, SW-846	6920	mg/Kg	232	JS	03/28/2006 / 1:00	
Thallium	6010B, SW-846	ND	mg/Kg	3.09	JS	03/28/2006 / 1:00	
Zinc	6010B, SW-846	754	mg/Kg	7.72	JS	03/28/2006 / 1:00	
Percent Solids		51.0	%		TLL	03/28/2006 / 7:30	
PCB OIL/SOIL EXTRACTIONS		30.27			ADW	03/28/2006 / 15:59	
Flame/ICP Solid Digestion	EPA 3050B	78.7402			JS	03/28/2006 / 16:17	

Sample: 003 BCS-11 50-52
Collection Date: 03/22/2006 Time: 1:30:00PM
Matrix: SOIL

Received Date: 03/25/2006 Time: 12:35:00PM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Total Cyanide	SW9010	ND	mg/Kg	0.59	*PH	03/27/2006 / 14:59	
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
Chloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
Bromomethane	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
Chloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
Acrolein	EPA 8260B	ND	ug/Kg	51	MVP	03/28/2006 / 11:38	
Acetone	EPA 8260B	43	ug/Kg	51	MVP	03/28/2006 / 11:38	J
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 12 of 24



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00199

Sample: 003 BCS-11 50-52
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Iodomethane	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	51	MVP	03/28/2006 / 11:38	
Methylene Chloride	EPA 8260B	ND	ug/Kg	41	MVP	03/28/2006 / 11:38	
Acrylonitrile	EPA 8260B	ND	ug/Kg	51	MVP	03/28/2006 / 11:38	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	51	MVP	03/28/2006 / 11:38	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	51	MVP	03/28/2006 / 11:38	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
Chloroform	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
Bromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
Benzene	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
Trichloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	51	MVP	03/28/2006 / 11:38	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	51	MVP	03/28/2006 / 11:38	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
Toluene	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
Dibromomethane	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
2-Hexanone	EPA 8260B	ND	ug/Kg	51	MVP	03/28/2006 / 11:38	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
Chlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 13 of 24



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00199

Sample: 003 BCS-11 50-52
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
Ethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
M & P XYLENE	EPA 8260B	ND	ug/Kg	20	MVP	03/28/2006 / 11:38	
O-XYLENE	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
Styrene	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
Bromoform	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
Bromobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
Naphthalene	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	10	MVP	03/28/2006 / 11:38	
DIBROMOFLUOROMETHANE (SURR)		101	%		MVP	03/28/2006 / 11:38	
TOLUENE-D8 (SURROGATE)		101	%		MVP	03/28/2006 / 11:38	
4-BROMOFLUOROBENZENE (SURR)		99.0	%		MVP	03/28/2006 / 11:38	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00199

Sample: 003 BCS-11 50-52
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Phenol	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
Hexachloroethane	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	400	TLL	03/29/2006 / 15:34	
Nitrobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
Isophorone	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
Naphthalene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
Acenaphthylene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
Acenaphthene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected

PQL= Practical Quantitation Limit

Page: 15 of 24



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00199

Sample: 003 BCS-11 50-52
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Dibenzofuran	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
Fluorene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
Phenanthrene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
Anthracene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
Carbazole	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
Fluoranthene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
Benzidine	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
Pyrene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
Chrysene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
Bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	200	TLL	03/29/2006 / 15:34	
2-FLUOROPHENOL (SURR)		77.6	%		TLL	03/29/2006 / 15:34	
PHENOL-D5 (SURR)		73.6	%		TLL	03/29/2006 / 15:34	
NITROBENZENE-D5 (SURR)		81.0	%		TLL	03/29/2006 / 15:34	
2-FLUOROBIPHENYL (SURR)		75.2	%		TLL	03/29/2006 / 15:34	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 16 of 24



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00199

Sample: 003 BCS-11 50-52

(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2,4,6-TRIBROMOPHENOL (SURR)		84.8	%		TLL	03/29/2006 / 15:34	
TERPHENYL-D14 (SURR)		91.8	%		TLL	03/29/2006 / 15:34	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	40	NAC	03/28/2006 / 20:00	
PCB-1221	EPA 8082	ND	ug/Kg	40	NAC	03/28/2006 / 20:00	
PCB-1232	EPA 8082	ND	ug/Kg	40	NAC	03/28/2006 / 20:00	
PCB-1242	EPA 8082	ND	ug/Kg	40	NAC	03/28/2006 / 20:00	
PCB-1248	EPA 8082	ND	ug/Kg	40	NAC	03/28/2006 / 20:00	
PCB-1254	EPA 8082	ND	ug/Kg	40	NAC	03/28/2006 / 20:00	
PCB-1260	EPA 8082	ND	ug/Kg	40	NAC	03/28/2006 / 20:00	
PCB-1262	EPA 8082	ND	ug/Kg	40	NAC	03/28/2006 / 20:00	
PCB-1268	EPA 8082	ND	ug/Kg	40	NAC	03/28/2006 / 20:00	
TCMX (SURROGATE)		68.1	%		NAC	03/28/2006 / 20:00	
DCB (SURROGATE)		59.6	%		NAC	03/28/2006 / 20:00	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	3.64	JS	03/29/2006 / 16:21	
Aluminum	6010B, SW-846	4440	mg/Kg	36.4	JS	03/29/2006 / 16:21	
Arsenic	6010B, SW-846	4.72	mg/Kg	1.82	JS	03/29/2006 / 16:21	
Barium	6010B, SW-846	14.6	mg/Kg	5.5	JS	03/29/2006 / 16:21	
Beryllium	6010B, SW-846	0.561	mg/Kg	0.545	JS	03/29/2006 / 16:21	
Cadmium	6010B, SW-846	ND	mg/Kg	0.545	JS	03/29/2006 / 16:21	
Chromium	6010B, SW-846	29.3	mg/Kg	1.82	JS	03/29/2006 / 16:21	
Calcium	6010B, SW-846	502	mg/Kg	273	JS	03/29/2006 / 16:21	
Iron	6010B, SW-846	76000	mg/Kg	18.2	JS	03/29/2006 / 16:21	
Cobalt	6010B, SW-846	ND	mg/Kg	9.09	JS	03/29/2006 / 16:21	
Copper	6010B, SW-846	24.1	mg/Kg	9.09	JS	03/29/2006 / 16:21	
Lead	6010B, SW-846	10.1	mg/Kg	5.45	JS	03/29/2006 / 16:21	
Magnesium	6010B, SW-846	645	mg/Kg	218	JS	03/29/2006 / 16:21	
Manganese	6010B, SW-846	689	mg/Kg	2.73	JS	03/29/2006 / 16:21	
Mercury	SW-846; 7471	ND	mg/Kg	0.0409	NAP	03/28/2006 / 13:49	
Nickel	6010B, SW-846	8.58	mg/Kg	7.27	JS	03/29/2006 / 16:21	
Vanadium	6010B, SW-846	49.4	mg/Kg	9.09	JS	03/29/2006 / 16:21	
Selenium	6010B, SW-846	ND	mg/Kg	3.64	JS	03/29/2006 / 16:21	
Potassium	6010B, SW-846	353	mg/Kg	273	JS	03/29/2006 / 16:21	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 17 of 24



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00199

Sample: 003 BCS-11 50-52
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Silver	6010B, SW-846	1.01	mg/Kg	0.91	JS	03/29/2006 / 16:21	
Sodium	6010B, SW-846	1180	mg/Kg	273	JS	03/29/2006 / 16:21	
Thallium	6010B, SW-846	ND	mg/Kg	3.64	JS	03/29/2006 / 16:21	
Zinc	6010B, SW-846	44.9	mg/Kg	9.09	JS	03/29/2006 / 16:21	
Percent Solids		82.7	%		TLL	03/28/2006 / 7:30	
PCB OIL/SOIL EXTRACTIONS		30.37			ADW	03/28/2006 / 15:59	
Flame/ICP Solid Digestion	EPA 3050B	75.1880			JS	03/28/2006 / 16:17	

Sample: 004 BCS-11D 50-52
Collection Date: 03/22/2006 Time: 1:30:00PM
Matrix: SOIL

Received Date: 03/25/2006 Time: 12:35:00PM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Total Cyanide	SW9010	ND	mg/Kg	0.60	*PH	03/27/2006 / 14:59	
Volatile Organics							
Dichlorodifluoromethane	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
Vinyl Chloride	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
Chloromethane	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
Bromomethane	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
Chloroethane	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
Trichlorofluoromethane	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
Acrolein	EPA 8260B	ND	ug/Kg	44	MVP	03/28/2006 / 12:09	
Acetone	EPA 8260B	ND	ug/Kg	44	MVP	03/28/2006 / 12:09	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
Iodomethane	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	44	MVP	03/28/2006 / 12:09	
Methylene Chloride	EPA 8260B	ND	ug/Kg	35	MVP	03/28/2006 / 12:09	
Acrylonitrile	EPA 8260B	ND	ug/Kg	44	MVP	03/28/2006 / 12:09	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	44	MVP	03/28/2006 / 12:09	
Vinyl Acetate	EPA 8260B	ND	ug/Kg	44	MVP	03/28/2006 / 12:09	
2,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 18 of 24



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00199

Sample: 004 BCS-11D 50-52
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
Chloroform	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
Bromochloromethane	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
1,1-Dichloropropene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
Benzene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
Trichloroethylene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	44	MVP	03/28/2006 / 12:09	
2-Chloroethyl vinyl ether	EPA 8260B	ND	ug/Kg	44	MVP	03/28/2006 / 12:09	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
Toluene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
Dibromomethane	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
1,2-Dibromoethane	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
2-Hexanone	EPA 8260B	ND	ug/Kg	44	MVP	03/28/2006 / 12:09	
1,3-Dichloropropane	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
Chlorobenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
1,1,1,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
Ethylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
M & P XYLENE	EPA 8260B	ND	ug/Kg	18	MVP	03/28/2006 / 12:09	
O-XYLENE	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
Styrene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
Bromoform	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
Isopropylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
1,2,3-Trichloropropane	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
n-Propylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 19 of 24



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00199

Sample: 004 BCS-11D 50-52
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
trans-1,4-Dichloro-2-butene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
Bromobenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
2-Chlorotoluene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
1,3,5-Trimethylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
4-Chlorotoluene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
tert-Butylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
1,2,4-Trimethylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
sec-Butylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
4-Isopropyltoluene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
1,3-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
1,4-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
n-Butylbenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
1,2-Dichlorobenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
1,2-Dibromo-3-Chloropropane	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
1,2,4-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
Hexachlorobutadiene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
Naphthalene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
1,2,3-Trichlorobenzene	EPA 8260B	ND	ug/Kg	9	MVP	03/28/2006 / 12:09	
DIBROMOFLUOROMETHANE (SURR)		100	%		MVP	03/28/2006 / 12:09	
TOLUENE-D8 (SURROGATE)		101	%		MVP	03/28/2006 / 12:09	
4-BROMOFLUOROBENZENE (SURR)		100	%		MVP	03/28/2006 / 12:09	
B/NA Extractables Soil							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
N-Nitrosodimethylamine	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
Phenol	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
Hexachloroethane	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	380	TLL	03/29/2006 / 16:12	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 20 of 24



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00199

Sample: 004 BCS-11D 50-52
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Nitrobenzene	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
Isophorone	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
Naphthalene	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
Acenaphthylene	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
Acenaphthene	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
Dibenzofuran	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
Fluorene	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 21 of 24



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00199

Sample: 004 BCS-11D 50-52
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Pentachlorophenol	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
Phenanthrene	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
Anthracene	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
Carbazole	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
Fluoranthene	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
Benzidine	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
Pyrene	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
3,3'-Dichlorbenzidine	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
Chrysene	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	190	TLL	03/29/2006 / 16:12	
2-FLUOROPHENOL (SURR)		79.8	%		TLL	03/29/2006 / 16:12	
PHENOL-D5 (SURR)		75.6	%		TLL	03/29/2006 / 16:12	
NITROBENZENE-D5 (SURR)		81.6	%		TLL	03/29/2006 / 16:12	
2-FLUOROBIPHENYL (SURR)		76.8	%		TLL	03/29/2006 / 16:12	
2,4,6-TRIBROMOPHENOL (SURR)		81.7	%		TLL	03/29/2006 / 16:12	
TERPHENYL-D14 (SURR)		101	%		TLL	03/29/2006 / 16:12	
PCB 8082-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	38	NAC	03/28/2006 / 22:12	
PCB-1221	EPA 8082	ND	ug/Kg	38	NAC	03/28/2006 / 22:12	
PCB-1232	EPA 8082	ND	ug/Kg	38	NAC	03/28/2006 / 22:12	
PCB-1242	EPA 8082	ND	ug/Kg	38	NAC	03/28/2006 / 22:12	
PCB-1248	EPA 8082	ND	ug/Kg	38	NAC	03/28/2006 / 22:12	
PCB-1254	EPA 8082	ND	ug/Kg	38	NAC	03/28/2006 / 22:12	
PCB-1260	EPA 8082	ND	ug/Kg	38	NAC	03/28/2006 / 22:12	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 22 of 24



Customer:

Metcalf & Eddy Associates

Workorder No. 0603-00199

Sample: 004 BCS-11D 50-52
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-1262	EPA 8082	ND	ug/Kg	38	NAC	03/28/2006 / 22:12	
PCB-1268	EPA 8082	ND	ug/Kg	38	NAC	03/28/2006 / 22:12	
TCMX (SURROGATE)		74.3	%		NAC	03/28/2006 / 22:12	
DCB (SURROGATE)		69.4	%		NAC	03/28/2006 / 22:12	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	5.45	JS	03/29/2006 / 16:21	
Aluminum	6010B, SW-846	4040	mg/Kg	54.5	JS	03/29/2006 / 16:21	
Arsenic	6010B, SW-846	4.24	mg/Kg	2.73	JS	03/29/2006 / 16:21	
Barium	6010B, SW-846	16.3	mg/Kg	8.2	JS	03/29/2006 / 16:21	
Beryllium	6010B, SW-846	ND	mg/Kg	0.818	JS	03/29/2006 / 16:21	
Cadmium	6010B, SW-846	ND	mg/Kg	0.818	JS	03/29/2006 / 16:21	
Chromium	6010B, SW-846	23.3	mg/Kg	2.73	JS	03/29/2006 / 16:21	
Calcium	6010B, SW-846	496	mg/Kg	409	JS	03/29/2006 / 16:21	
Iron	6010B, SW-846	93900	mg/Kg	27.3	JS	03/29/2006 / 16:21	
Cobalt	6010B, SW-846	ND	mg/Kg	13.6	JS	03/29/2006 / 16:21	
Copper	6010B, SW-846	24.5	mg/Kg	13.6	JS	03/29/2006 / 16:21	
Lead	6010B, SW-846	8.84	mg/Kg	8.18	JS	03/29/2006 / 16:21	
Magnesium	6010B, SW-846	750	mg/Kg	327	JS	03/29/2006 / 16:21	
Manganese	6010B, SW-846	991	mg/Kg	4.09	JS	03/29/2006 / 16:21	
Mercury	SW-846; 7471	ND	mg/Kg	0.0385	NAP	03/28/2006 / 13:49	
Nickel	6010B, SW-846	ND	mg/Kg	10.9	JS	03/29/2006 / 16:21	
Vanadium	6010B, SW-846	45.9	mg/Kg	13.6	JS	03/29/2006 / 16:21	
Selenium	6010B, SW-846	ND	mg/Kg	5.45	JS	03/29/2006 / 16:21	
Potassium	6010B, SW-846	422	mg/Kg	409	JS	03/29/2006 / 16:21	
Silver	6010B, SW-846	1.54	mg/Kg	1.4	JS	03/29/2006 / 16:21	
Sodium	6010B, SW-846	1040	mg/Kg	409	JS	03/29/2006 / 16:21	
Thallium	6010B, SW-846	ND	mg/Kg	5.45	JS	03/29/2006 / 16:21	
Zinc	6010B, SW-846	48.2	mg/Kg	13.6	JS	03/29/2006 / 16:21	
Percent Solids		86.0	%		TLL	03/28/2006 / 7:30	
PCB OIL/SOIL EXTRACTIONS		30.39			ADW	03/28/2006 / 15:59	
Flame/ICP Solid Digestion	EPA 3050B	78.1250			JS	03/28/2006 / 16:17	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 23 of 24



Customer:

Metcalf & Eddy Associates

Workorder No.

0603-00199

- B Analyte was detected in the associated Method Blank.
- J Estimated value. Analyte detected at a level less than the Practical Quantitation Limit (PQL) and greater than or equal to the Method Detection Limit (MDL).
- M2 The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
- MHA Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).

*PH = Phoenix Environmental Laboratories (NELAP: 11301 MA: M-CT007)

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

Authorized By:

Robert Bell, Environmental Laboratory Manager

Date: 3-31-06

NOTE: All solid results are reported on a dry weight basis unless otherwise noted.

Certifications:

MA: MA069

NY: 10982

CT: PH0119

RI: A45

NJ: 59744

ND = Not Detected PQL = Practical Quantitation Limit



CHAIN OF CUSTODY RECORD
AMERISCI BOSTON
8 School Street ~ Weymouth, MA 02189
888.724.5221 Toll Free
781.337.9334 Phone ~ 781.337.7642 Fax
www.amerisci.com

AMERISCI Job No: _____
DUE DATE:
☐ 1 DAY ☐ 2 DAY ☐ 3 DAY ☒ 5 DAY ☐ 7 DAY ☐ 10 DAY

DATA PACKAGE: 0603-199

PAGE 1 OF 1
TEMP UPON RECEIPT: 2.2°C
P.O.#

COMPANY: METCALF & EDDY INC

ADDRESS: 1140 ROUTE 22 EAST, BRIDGEWATER NJ 08807

PHONE: (908) 947-0276 FAX 1: (908) 707-8876 FAX 2:

CLIENT: NELSON ABRAMS EMAIL: NELSON, ABRAMS @ M-E, ABRAMS.COM

PROJECT: BAYSIDE PERKINS/ BURNINGCLIFF/ BRIDGEWATER NJ (DDC) PROJECT NUMBER: 60004548.01 PROJECT STATE: NY

MATRIX: A-WATER S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS CONTAINER: P-PLASTIC G-GLASS V-VOA

LAB ID CLIENT SAMPLE IDENTIFICATION MATRIX SIZE TYPE # DATE TIME TECH

GRAB (G) OR COMPOSITE (C)
PRESERVATIVES
SAMPLE pH AT LOGIN

VOC
SVOC
PCB
TAL METALS
CYANIDE

Notes:

PCS-10	46-48	SOIL	2.02	GLMS	2	3/21/06	10:45	E. A	G	N/A	X	X	X	X	X	MODIFIED
PCS-11	18-20	SOIL	2.02	GLMS	2	3/21/06	13:40	E. A	G	N/A	X	X	X	X	X	AKF PERKINS
PCS-11	50-52	SOIL	2.02	GLMS	2	3/22/06	13:30	E. A	G	N/A	X	X	X	X	X	PER NELSON
PCS-11 D	50-52	SOIL	2.02	GLMS	2	3/22/06	13:30	E. A	G	N/A	X	X	X	X	X	ABRAMS OF
																M+E
																QUESTIONS?
																CHL N.
																ABRAMS
																908 947 0276

SAMPLED BY: (PRINT) ERIC ACS DATE: 3/24/06 RECEIVED BY: (PRINT)

(SIGN) DATE: 3/24/06 TIME: 15:50 (SIGN)

RELINQUISHED BY: (PRINT) ERIC ACS DATE: 3/24/06 RECEIVED BY: (PRINT)

(SIGN) DATE: 3/24/06 TIME: 15:50 (SIGN)

RELINQUISHED BY: (PRINT) DATE: RECEIVED FOR LABORATORY BY: (PRINT)

(SIGN) DATE: TIME: (SIGN)

MAILED
DATE: 3/25/06 TIME: 12:35

DO NOT LIFT USING THIS TAG

DO NOT LIFT USING THIS

ALIGN FEDEX AIRBILL POUCH HERE

NO POUCH NEEDED.

See back for peel and stick application instructions.

52

FedEx USA Airbill

Tracking Number

8455 4997 2153

EXPRESS

1 From. This portion can be removed for Recipient's records.

Date 3/24/06

FedEx Tracking Number

8455 4997 2153

Sender's Name ERIC ACS

Phone 908 707-8874

Company METCALF & EDDY INC.

Address 1140 US HIGHWAY 22 # 101

City BRIDGEWATER

State NJ

ZIP 08807-2912

2 Your Internal Billing Reference

3 To

Recipient's Name SMILE MOVEMENT Phone 781 337-9334

Company AMERISCI BOSTON

Address 8 SCHOOL STREET

City

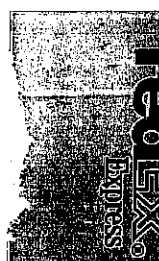
Weymouth

State MA

ZIP 02189



0270544231



STUR

02215

Recipient's Copy

4a Express Package Service

☒ FedEx Priority Overnight

☐ FedEx Standard Overnight

☐ FedEx First Overnight

☐ FedEx 2Day

☐ FedEx Express Saver

4b Express Freight Service

☐ FedEx 1Day Freight*

☐ FedEx 2Day Freight

☐ FedEx 3Day Freight

5 Packaging

☐ FedEx Envelope*

☐ FedEx Pak*

☒ Other

6 Special Handling

☒ SATURDAY Delivery

☐ HOLD Weekday

☐ HOLD Summer

☐ No

☐ Yes

☐ Yes

7 Payment Bill to:

☐ Sender

☒ Recipient

☐ Third Party

☐ Credit Card

Total Packages

1

Total Weight

447

8 Release Signature

Signature

Signature

Signature

Signature

Signature

Signature

Signature

Signature

Signature

FedEx Saturday Delivery

SDR

151967 REV 10/04 MW

Sample Receiving Form

CLIENT: <i>Metcalf + Eddy</i>	WORKORDER: <i>0603-199</i>
CLIENTS JOB: <i>60004548.01</i>	RECEIVED BY: <i>MP</i>
RECEIVED DATE: <i>3/25/06</i>	SHIPPING METHOD: <i>FedEx</i>
TEMP UPON RECEIPT: <i>2.2 °C</i>	

"No" responses must be explained in the comment section below.

Checklist	YES	NO	NA
Were custody seals on shipping container(s) intact? Check "NA" if no seals, or if containers were hand delivered.			<i>X</i>
Were Chain of Custody Forms included with the samples?	<i>X</i>		
Were Chain of Custody Forms properly filled out (ink, signed, etc.)	<i>X</i>		
Were all containers received in good condition (Check for breakage/leaks)?	<i>X</i>		
Were all containers labeled with required information (Sample Id, date, signed, analysis, preservation)?	<i>X</i>		
Were the correct containers used for the tests indicated?	<i>X</i>		
Were proper preservation techniques indicated?	<i>X</i>		
Were samples received within holding times? If "NO" nonconformance form is required.	<i>X</i>		
Were all VOA bottles checked for the presence of air bubbles? If bubbles were found please note in the comment section.			<i>X</i>
Were samples in direct contact with wet ice? If "NO" check one: <input type="checkbox"/> Blue Ice <input type="checkbox"/> No Ice	<i>X</i>		
Is sample temperature recorded ? If "NO" check one: <input type="checkbox"/> Unable to record <input type="checkbox"/> Temp taken near samples	<i>X</i>		
Were pHs of samples checked and recorded on the COC forms?			<i>X</i>
Did the laboratory accept samples?	<i>X</i>		
Will samples be subcontracted? If "yes" list subcontractor and tests in specified sections below.	<i>X</i>		
Subcontractor: <i>Phoenix</i>	Date Sent Out: <i>3/27/06</i>		
Analyses Sent: <i>CN-</i>			

Login Technician: <i>MP</i>	Login Review:
Comments:	