

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9371-1  
Sdg Number: 220-9371

**Client Sample ID: WWMW-08 (4.-45)**

Lab Sample ID: 220-9371-14  
Client Matrix: Solid

% Moisture: 17.9

Date Sampled: 06/19/2009 1215  
Date Received: 06/19/2009 1840

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-28678	Instrument ID: MSZ
Preparation:	3541	Prep Batch: 220-28363	Lab File ID: Z11558.D
Dilution:	1.0		Initial Weight/Volume: 15.35 g
Date Analyzed:	06/30/2009 1652		Final Weight/Volume: 1 mL
Date Prepared:	06/23/2009 0827		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		320	U	19	320
Acenaphthylene		320	U	16	320
Anthracene		320	U	13	320
Benzo[a]anthracene		320	U	11	320
Benzo[a]pyrene		44	J J✓	8.7	320
Benzo[b]fluoranthene		70	J J✓	8.6	320
Benzo[g,h,i]perylene		420		21	320
Benzo[k]fluoranthene		320	U	29	320
Bis(2-chloroethoxy)methane		320	U	15	320
Bis(2-chloroethyl)ether		320	U	17	320
Bis(2-ethylhexyl) phthalate		320	U	31	320
Butyl benzyl phthalate		320	U	18	320
Carbazole		320	U	18	320
Chrysene		320	U	24	320
Di-n-butyl phthalate		320	U	47	320
Di-n-octyl phthalate		320	U	18	320
4-Bromophenyl phenyl ether		320	U	21	320
4-Chloroaniline		320	U	52	320
2-Chloronaphthalene		320	U	14	320
4-Chlorophenyl phenyl ether		320	U	24	320
Dibenz(a,h)anthracene		320	U	25	320
Dibenzofuran		320	U	23	320
Diethyl phthalate		320	U	32	320
Dimethyl phthalate		320	U	18	320
1,2-Dichlorobenzene		320	U	19	320
1,3-Dichlorobenzene		320	U	16	320
1,4-Dichlorobenzene		320	U	19	320
3,3'-Dichlorobenzidine		800	U	66	800
2,4-Dinitrotoluene		320	U	26	320
2,6-Dinitrotoluene		320	U	9.4	320
Fluoranthene		320	U	16	320
Fluorene		320	U	19	320
Hexachlorobenzene		320	U	22	320
Hexachlorobutadiene		320	U	25	320
Hexachlorocyclopentadiene		800	U UJ✓	150	800
Hexachloroethane		320	U	18	320
Indeno[1,2,3-cd]pyrene		280	J J✓	21	320
Isophorone		320	U	18	320
2-Methylnaphthalene		23	J J✓	9.2	320
Naphthalene		62	J J✓	17	320
2-Nitroaniline		2000	U	20	2000
3-Nitroaniline		2000	U	10	2000
Nitrobenzene		320	U	20	320
N-Nitrosodi-n-propylamine		320	U	22	320
N-Nitrosodiphenylamine		320	U	18	320
Phenanthrene		320	U	16	320

EMM  
7/30/09  
JC  
8/5/09

## Analytical Data

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% Moisture: 17.9

Date Received: 06/19/2009 1840

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Method:	8270C	Analysis Batch: 220-28678	Instrument ID: MSZ
Preparation:	3541	Prep Batch: 220-28363	Lab File ID: Z11558.D
Dilution:	1.0		Initial Weight/Volume: 15.35 g
Date Analyzed:	06/30/2009 1652		Final Weight/Volume: 1 mL
Date Prepared:	06/23/2009 0827		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		320	U	15	320
1,2,4-Trichlorobenzene		320	U	21	320
4-Chloro-3-methylphenol		320	U	13	320
2-Chlorophenol		320	U	19	320
2-Methylphenol		320	U	19	320
4-Methylphenol		320	U	21	320
2,4-Dichlorophenol		320	U	17	320
2,4-Dimethylphenol		320	U	16	320
2,4-Dinitrophenol		2000	U	96	2000
4,6-Dinitro-2-methylphenol		2000	U	140	2000
2-Nitrophenol		320	U	20	320
4-Nitrophenol		2000	U	24	2000
Pentachlorophenol		2000	U	200	2000
Phenol		320	U	21	320
2,4,5-Trichlorophenol		2000	U	16	2000
2,4,6-Trichlorophenol		320	U	8.8	320
Benzyl alcohol		320	U	30	320
4-Nitroaniline		320	U	25	320
2,2'-oxybis[1-chloropropane]		320	U	17	320

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	59		41 - 120
2-Fluorophenol	59		34 - 120
2,4,6-Tribromophenol	71		37 - 120
Nitrobenzene-d5	53		38 - 120
Phenol-d5	60		36 - 120
Terphenyl-d14	81		32 - 125

Error  
 7/30/09  
 JC  
 8/5/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9371-1

Sdg Number: 220-9371

**Client Sample ID: WWMW-XX (0-2)**

Lab Sample ID: 220-9371-15

Date Sampled: 06/19/2009 0800

Client Matrix: Solid

% Moisture: 21.8

Date Received: 06/19/2009 1840

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-28678	Instrument ID: MSZ
Preparation:	3541	Prep Batch: 220-28363	Lab File ID: Z11561.D
Dilution:	1.0		Initial Weight/Volume: 15.20 g
Date Analyzed:	06/30/2009 1812		Final Weight/Volume: 1 mL
Date Prepared:	06/23/2009 0827		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		340	U	20	340
Acenaphthylene		340	U	17	340
Anthracene		340	U	13	340
Benzo[a]anthracene		340	U	12	340
Benzo[a]pyrene		49	J J✓	9.2	340
Benzo[b]fluoranthene		340	U	9.1	340
Benzo[g,h,i]perylene		440		22	340
Benzo[k]fluoranthene		340	U	31	340
Bis(2-chloroethoxy)methane		340	U	16	340
Bis(2-chloroethyl)ether		340	U	18	340
Bis(2-ethylhexyl) phthalate		340	U	33	340
Butyl benzyl phthalate		340	U	19	340
Carbazole		340	U	19	340
Chrysene		340	U	25	340
Di-n-butyl phthalate		340	U	49	340
Di-n-octyl phthalate		340	U	19	340
4-Bromophenyl phenyl ether		340	U	22	340
4-Chloroaniline		340	U	55	340
2-Chloronaphthalene		340	U	15	340
4-Chlorophenyl phenyl ether		340	U	25	340
Dibenz(a,h)anthracene		340	U	27	340
Dibenzofuran		340	U	24	340
Diethyl phthalate		340	U	34	340
Dimethyl phthalate		340	U	20	340
1,2-Dichlorobenzene		340	U	20	340
1,3-Dichlorobenzene		340	U	17	340
1,4-Dichlorobenzene		340	U	20	340
3,3'-Dichlorobenzidine		850	U	70	850
2,4-Dinitrotoluene		340	U	27	340
2,6-Dinitrotoluene		340	U	10	340
Fluoranthene		340	U	17	340
Fluorene		340	U	20	340
Hexachlorobenzene		340	U	24	340
Hexachlorobutadiene		340	U	26	340
Hexachlorocyclopentadiene		850	U	160	850
Hexachloroethane		340	U	19	340
Indeno[1,2,3-cd]pyrene		340	U	22	340
Isophorone		340	U	19	340
2-Methylnaphthalene		14	J J✓	9.7	340
Naphthalene		38	J J✓	18	340
2-Nitroaniline		2100	U	21	2100
3-Nitroaniline		2100	U	11	2100
Nitrobenzene		340	U	22	340
N-Nitrosodi-n-propylamine		340	U	23	340
N-Nitrosodiphenylamine		340	U	19	340
Phenanthrene		340	U	17	340

EMM  
7/30/09  
JC  
8/15/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9371-1

Sdg Number: 220-9371

**Client Sample ID: WWMW-XX (0-2)**

Lab Sample ID: 220-9371-15

Date Sampled: 06/19/2009 0800

Client Matrix: Solid

% Moisture: 21.8

Date Received: 06/19/2009 1840

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-28678	Instrument ID: MSZ
Preparation:	3541	Prep Batch: 220-28363	Lab File ID: Z11561.D
Dilution:	1.0		Initial Weight/Volume: 15.20 g
Date Analyzed:	06/30/2009 1812		Final Weight/Volume: 1 mL
Date Prepared:	06/23/2009 0827		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		340	U	16	340
1,2,4-Trichlorobenzene		340	U	22	340
4-Chloro-3-methylphenol		340	U	14	340
2-Chlorophenol		340	U	20	340
2-Methylphenol		340	U	20	340
4-Methylphenol		340	U	22	340
2,4-Dichlorophenol		340	U	18	340
2,4-Dimethylphenol		340	U	17	340
2,4-Dinitrophenol		2100	U	100	2100
4,6-Dinitro-2-methylphenol		2100	U	150	2100
2-Nitrophenol		340	U	21	340
4-Nitrophenol		2100	U	26	2100
Pentachlorophenol		2100	U	210	2100
Phenol		340	U	23	340
2,4,5-Trichlorophenol		2100	U	17	2100
2,4,6-Trichlorophenol		340	U	9.3	340
Benzyl alcohol		340	U	32	340
4-Nitroaniline		340	U	26	340
2,2'-oxybis[1-chloropropane]		340	U	18	340

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	59		41 - 120
2-Fluorophenol	59		34 - 120
2,4,6-Tribromophenol	68		37 - 120
Nitrobenzene-d5	55		38 - 120
Phenol-d5	59		36 - 120
Terphenyl-d14	80		32 - 125

EMN  
 7/30/09  
 JS  
 5/5/09 07/22/2009

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9371-1

Sdg Number: 220-9371

Client Sample ID: **WWFB-061909**

Lab Sample ID: 220-9371-16FB

Date Sampled: 06/19/2009 1545

Client Matrix: Water

Date Received: 06/19/2009 1840

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-28678	Instrument ID: MSZ
Preparation:	3510C	Prep Batch: 220-28364	Lab File ID: Z11557.D
Dilution:	1.0		Initial Weight/Volume: 960 mL
Date Analyzed:	06/30/2009 1626		Final Weight/Volume: 1 mL
Date Prepared:	06/23/2009 0845		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	4.2	U	0.32	4.2
Acenaphthylene	4.2	U	0.35	4.2
Anthracene	4.2	U	0.30	4.2
Benzo[a]anthracene	4.2	U	0.31	4.2
Benzo[a]pyrene	4.2	U	0.36	4.2
Benzo[b]fluoranthene	4.2	U	0.38	4.2
Benzo[g,h,i]perylene	4.2	U	0.38	4.2
Benzo[k]fluoranthene	4.2	U	0.42	4.2
Bis(2-chloroethoxy)methane	4.2	U	0.32	4.2
Bis(2-chloroethyl)ether	4.2	U	0.30	4.2
Bis(2-ethylhexyl) phthalate	4.2	U	0.56	4.2
Butyl benzyl phthalate	4.2	U	0.36	4.2
Carbazole	4.2	U	0.34	4.2
Chrysene	4.2	U	0.26	4.2
Di-n-butyl phthalate	4.2	U	0.36	4.2
Di-n-octyl phthalate	4.2	U	0.40	4.2
4-Bromophenyl phenyl ether	4.2	U	0.46	4.2
4-Chloroaniline	4.2	U	0.30	4.2
2-Chloronaphthalene	4.2	U	0.41	4.2
4-Chlorophenyl phenyl ether	4.2	U	0.36	4.2
Dibenz(a,h)anthracene	4.2	U	0.40	4.2
Dibenzofuran	4.2	U	0.45	4.2
Diethyl phthalate	4.2	U	0.45	4.2
Dimethyl phthalate	4.2	U	0.40	4.2
1,2-Dichlorobenzene	4.2	U	0.32	4.2
1,3-Dichlorobenzene	4.2	U	0.26	4.2
1,4-Dichlorobenzene	4.2	U	0.32	4.2
3,3'-Dichlorobenzidine	4.2	U	0.38	4.2
2,4-Dinitrotoluene	4.2	U	0.42	4.2
2,6-Dinitrotoluene	4.2	U	0.27	4.2
Fluoranthene	4.2	U	0.32	4.2
Fluorene	4.2	U	0.27	4.2
Hexachlorobenzene	4.2	U	0.34	4.2
Hexachlorobutadiene	4.2	U	0.21	4.2
Hexachlorocyclopentadiene	4.2	U	0.36	4.2
Hexachloroethane	4.2	U	0.39	4.2
Indeno[1,2,3-cd]pyrene	4.2	U	0.29	4.2
Isophorone	4.2	U	0.32	4.2
2-Methylnaphthalene	4.2	U	0.28	4.2
Naphthalene	4.2	U	0.31	4.2
2-Nitroaniline	4.2	U	0.35	4.2
3-Nitroaniline	4.2	U	0.24	4.2
Nitrobenzene	4.2	U	0.29	4.2
N-Nitrosodi-n-propylamine	4.2	U	0.34	4.2
N-Nitrosodiphenylamine	4.2	U	0.34	4.2
Phenanthrene	4.2	U	0.29	4.2

*EM*  
 7/30/09  
 JK  
 8/5/09  
 07/22/2009



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9371-1

Sdg Number: 220-9371

**Client Sample ID: WWFB-061909**

Lab Sample ID: 220-9371-16FB

Date Sampled: 06/19/2009 1545

Client Matrix: Water

Date Received: 06/19/2009 1840

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-28678	Instrument ID: MSZ
Preparation:	3510C	Prep Batch: 220-28364	Lab File ID: Z11557.D
Dilution:	1.0		Initial Weight/Volume: 960 mL
Date Analyzed:	06/30/2009 1626		Final Weight/Volume: 1 mL
Date Prepared:	06/23/2009 0845		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	4.2	U	0.34	4.2
1,2,4-Trichlorobenzene	4.2	U	0.38	4.2
4-Chloro-3-methylphenol	5.2	U	0.35	5.2
2-Chlorophenol	4.2	U	0.24	4.2
2-Methylphenol	4.2	U	0.25	4.2
4-Methylphenol	4.2	U	0.30	4.2
2,4-Dichlorophenol	4.2	U	0.34	4.2
2,4-Dimethylphenol	4.2	U	0.34	4.2
2,4-Dinitrophenol	26	U	0.45	26
4,6-Dinitro-2-methylphenol	26	U	1.9	26
2-Nitrophenol	4.2	U	0.28	4.2
4-Nitrophenol	10	U	1.5	10
Pentachlorophenol	26	U	0.32	26
Phenol	4.2	U	0.20	4.2
2,4,5-Trichlorophenol	10	U	0.29	10
2,4,6-Trichlorophenol	4.2	U	0.39	4.2
Benzyl alcohol	4.2	U	0.43	4.2
4-Nitroaniline	4.2	U	0.21	4.2
2,2'-oxybis[1-chloropropane]	4.2	U	0.26	4.2

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	61		39 - 120
2-Fluorophenol	31		13 - 120
2,4,6-Tribromophenol	62		36 - 120
Nitrobenzene-d5	61		40 - 120
Phenol-d5	21		10 - 120
Terphenyl-d14	47		10 - 120

ERM  
 7/20/09  
 JC  
 8/15/09

TestAmerica Connecticut

Client Sample ID: WMMW-08(2-5)

GC Semivolatiles

Lot-Sample #...: A9F240269-001 Work Order #...: LFJWW1AA Matrix.....: SO  
Date Sampled...: 06/19/09 09:50 Date Received...: 06/24/09  
Prep Date.....: 06/25/09 Analysis Date...: 06/26/09  
Prep Batch #...: 9176029  
Dilution Factor: 1 Initial Wgt/Vol: 50.06 g Final Wgt/Vol...: 100 mL  
% Moisture.....: 24 Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-D	ND	110	ug/kg	48
2,4,5-TP	14 J ✓	26	ug/kg	2.9
2,4,5-T	ND	26	ug/kg	4.2
	PERCENT RECOVERY	RECOVERY LIMITS		
SURROGATE	RECOVERY	LIMITS		
2,4-Dichlorophenylacetic acid	67	(19 - 122)		

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Enn  
7/31/09  
JC  
8/6/09  
07/22/2009 59

TestAmerica Connecticut

Client Sample ID: WMMW-04 (5-10)

GC Semivolatiles

Lot-Sample #...: A9F200174-001    Work Order #...: LFCV21AC    Matrix.....: SO  
 Date Sampled...: 06/15/09 09:45    Date Received..: 06/20/09  
 Prep Date.....: 06/23/09    Analysis Date..: 06/24/09  
 Prep Batch #...: 9174032  
 Dilution Factor: 1    Initial Wgt/Vol: 50 g    Final Wgt/Vol..: 100 mL  
 % Moisture.....: 17    Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-D	ND	97	ug/kg	44
2,4,5-TP	ND	24	ug/kg	2.7
2,4,5-T	ND	24	ug/kg	3.9
SURROGATE		PERCENT RECOVERY	RECOVERY LIMITS	
2,4-Dichlorophenylacetic acid	68		(19 - 122)	

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

ERM  
 7/31/09  
 JC  
 8/6/09



TestAmerica Connecticut

Client Sample ID: WMMW-01 (0.5-5)

GC Semivolatiles

Lot-Sample #...: A9F200174-002    Work Order #...: LFCV31AC    Matrix.....: SO  
Date Sampled...: 06/15/09 11:00    Date Received...: 06/20/09  
Prep Date.....: 06/23/09    Analysis Date...: 06/24/09  
Prep Batch #...: 9174032  
Dilution Factor: 1    Initial Wgt/Vol: 50.14 g    Final Wgt/Vol...: 100 mL  
% Moisture.....: 15    Method.....: SW846 8151A

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
2,4-D	ND	94	ug/kg	42
2,4,5-TP	ND	23	ug/kg	2.6
2,4,5-T	ND	23	ug/kg	3.7
	<u>PERCENT</u>	<u>RECOVERY</u>		
<u>SURROGATE</u>	<u>RECOVERY</u>	<u>LIMITS</u>		
2,4-Dichlorophenylacetic acid	23	(19 - 122)		

**NOTE (S) :**

Results and reporting limits have been adjusted for dry weight.

EMM  
7/31/09  
JR  
8/16/09  
07/22/2009 43

TestAmerica Connecticut

Client Sample ID: WMMW-06 (0.5-1.5)

GC Semivolatiles

Lot-Sample #...: A9F200174-003    Work Order #...: LFCV41AC    Matrix.....: SO  
Date Sampled...: 06/15/09 10:45    Date Received...: 06/20/09  
Prep Date.....: 06/23/09    Analysis Date...: 06/24/09  
Prep Batch #...: 9174032  
Dilution Factor: 1    Initial Wgt/Vol: 50.13 g    Final Wgt/Vol...: 100 mL  
% Moisture.....: 12    Method.....: SW846 8151A

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
2,4-D	ND	91	ug/kg	41
2,4,5-TP	ND	23	ug/kg	2.5
2,4,5-T	ND	23	ug/kg	3.6
<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>		
	<u>RECOVERY</u>	<u>LIMITS</u>		
2,4-Dichlorophenylacetic acid	67	(19 - 122)		

**NOTE (S) :**

Results and reporting limits have been adjusted for dry weight.

*Enm*  
*7/31/09*  
*JS*  
*8/6/09*





# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1

Sdg Number: 220-9438

Client Sample ID: WWMW-07 (4-5)

Lab Sample ID: 220-9438-1

Date Sampled: 06/22/2009 0945

Client Matrix: Solid

% Moisture: 18.6

Date Received: 06/23/2009 1700

## 8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-28660	Instrument ID:	MSO
Preparation:	5030B		Lab File ID:	O1470.D
Dilution:	1.0		Initial Weight/Volume:	5 g
Date Analyzed:	06/30/2009 2228		Final Weight/Volume:	5 mL
Date Prepared:	06/30/2009 2228			

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		25	U ✓	2.8	25
Benzene		6.1	U	0.70	6.1
Bromodichloromethane		6.1	U	0.37	6.1
Bromoform		6.1	U	0.75	6.1
Bromomethane		6.1	U	2.6	6.1
Methyl Ethyl Ketone		12	U ✓	2.0	12
Carbon disulfide		6.1	U	0.50	6.1
Carbon tetrachloride		6.1	U	1.2	6.1
Chlorobenzene		6.1	U	0.72	6.1
Chloroethane		6.1	U	1.2	6.1
Chloroform		6.1	U	0.42	6.1
Chloromethane		6.1	U	0.96	6.1
Dibromochloromethane		6.1	U	0.43	6.1
1,1-Dichloroethane		6.1	U	0.37	6.1
1,2-Dichloroethane		6.1	U	0.71	6.1
1,1-Dichloroethene		6.1	U	0.71	6.1
1,2-Dichloropropane		6.1	U	0.82	6.1
cis-1,3-Dichloropropene		6.1	U	0.69	6.1
trans-1,3-Dichloropropene		6.1	U	0.33	6.1
Ethylbenzene		6.1	U	0.86	6.1
2-Hexanone		12	U	1.5	12
Methylene Chloride	25U	14	J B ✓	1.3	25
methyl isobutyl ketone		6.1	U	0.68	6.1
Styrene		6.1	U	0.18	6.1
1,1,2,2-Tetrachloroethane		6.1	U	0.64	6.1
Tetrachloroethene		6.1	U	0.99	6.1
Toluene	6.1U	0.25	J J ✓	0.091	6.1
1,1,1-Trichloroethane		6.1	U	0.65	6.1
1,1,2-Trichloroethane		6.1	U	0.45	6.1
Trichloroethene		6.1	U	0.99	6.1
Vinyl chloride		6.1	U	0.28	6.1
Xylenes, Total		6.1	U	0.60	6.1
cis-1,2-Dichloroethene		6.1	U	0.45	6.1
trans-1,2-Dichloroethene		6.1	U	0.48	6.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86		59 - 132
4-Bromofluorobenzene	87		34 - 124
Dibromofluoromethane	93		59 - 123
Toluene-d8 (Surr)	87		50 - 118

KP  
8/24/09

EMM  
8/17/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1

Sdg Number: 220-9438

Client Sample ID: **TB-062209**

Lab Sample ID: 220-9438-2

Date Sampled: 06/22/2009 0945

Client Matrix: Water

Date Received: 06/23/2009 1700

### 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B	Analysis Batch: 220-28702	Instrument ID: MSN	
Preparation: 5030B		Lab File ID: N3546.D	
Dilution: 1.0		Initial Weight/Volume: 5 mL	
Date Analyzed: 07/01/2009 1918		Final Weight/Volume: 5 mL	
Date Prepared: 07/01/2009 1918			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	11	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		65 - 136
4-Bromofluorobenzene	90		51 - 142
Dibromofluoromethane	92		68 - 132
Toluene-d8 (Surr)	86		63 - 127

KP 8/24/09  
 EHM 8/7/09



# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1

Sdg Number: 220-9438

Client Sample ID: WWMW-07 (48.5-49.5)

Lab Sample ID: 220-9438-3

Date Sampled: 06/23/2009 1015

Client Matrix: Solid

% Moisture: 24.5

Date Received: 06/23/2009 1700

## 8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-28865	Instrument ID:	MSN
Preparation:	5030B	Prep Batch: 220-28775	Lab File ID:	N3691.D
Dilution:	40		Initial Weight/Volume:	5 g
Date Analyzed:	07/07/2009 1554		Final Weight/Volume:	10 mL
Date Prepared:	07/06/2009 1546			

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		66000	U	13000	66000
Benzene		230000		3500	26000
Bromodichloromethane		26000	U	3700	26000
Bromoform		26000	U	4200	26000
Bromomethane		26000	U	4900	26000
Methyl Ethyl Ketone		26000	U	5800	26000
Carbon disulfide		26000	U	3500	26000
Carbon tetrachloride		26000	U	4100	26000
Chlorobenzene		26000	U	3300	26000
Chloroethane		26000	U	4200	26000
Chloroform		26000	U	3300	26000
Chloromethane		26000	U	3400	26000
Dibromochloromethane		26000	U	4100	26000
1,1-Dichloroethane		26000	U	3800	26000
1,2-Dichloroethane		26000	U	3100	26000
1,1-Dichloroethene		26000	U	4000	26000
1,2-Dichloropropane		26000	U	2800	26000
cis-1,3-Dichloropropene		26000	U	3200	26000
trans-1,3-Dichloropropene		26000	U	3300	26000
Ethylbenzene		64000		2800	26000
2-Hexanone		26000	U	6900	26000
Methylene Chloride	26000U	<del>23000</del>	J-B	4300	26000
methyl isobutyl ketone		26000	U	4300	26000
Styrene		420000		4200	26000
1,1,2,2-Tetrachloroethane		26000	U	3500	26000
Tetrachloroethene		26000	U	4300	26000
Toluene		400000		3800	26000
1,1,1-Trichloroethane		26000	U	3300	26000
1,1,2-Trichloroethane		26000	U	3600	26000
Trichloroethene		26000	U	3400	26000
Vinyl chloride		26000	U	3600	26000
Xylenes, Total		550000		11000	26000
cis-1,2-Dichloroethene		26000	U	3200	26000
trans-1,2-Dichloroethene		26000	U	2800	26000

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83		52 - 119
4-Bromofluorobenzene	81		63 - 128
Dibromofluoromethane	77		53 - 121
Toluene-d8 (Surr)	80		55 - 121

KP  
8/24/09  
EMW  
8/7/09



# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1  
Sdg Number: 220-9438

Client Sample ID: WWMW-07 (59-60)

Lab Sample ID: 220-9438-4  
Client Matrix: Solid

% Moisture: 16.1

Date Sampled: 06/23/2009 1200  
Date Received: 06/23/2009 1700

## 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 220-28865 Instrument ID: MSN  
Preparation: 5030B Prep Batch: 220-28775 Lab File ID: N3687.D  
Dilution: 1.0 Initial Weight/Volume: 5 g  
Date Analyzed: 07/07/2009 1416 Final Weight/Volume: 10 mL  
Date Prepared: 07/06/2009 1546

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		1500	U	290	1500
Benzene		2800		79	600
Bromodichloromethane		600	U	82	600
Bromoform		600	U	95	600
Bromomethane		600	U	110	600
Methyl Ethyl Ketone		600	U	130	600
Carbon disulfide		600	U	79	600
Carbon tetrachloride		600	U	92	600
Chlorobenzene		600	U	74	600
Chloroethane		600	U	95	600
Chloroform		600	U	74	600
Chloromethane		600	U	76	600
Dibromochloromethane		600	U	93	600
1,1-Dichloroethane		600	U	86	600
1,2-Dichloroethane		600	U	70	600
1,1-Dichloroethene		600	U	89	600
1,2-Dichloropropane		600	U	62	600
cis-1,3-Dichloropropene		600	U	73	600
trans-1,3-Dichloropropene		600	U	74	600
Ethylbenzene		890		62	600
2-Hexanone		600	U	150	600
Methylene Chloride	600 U	<del>520</del>	JB UJ	97	600
methyl isobutyl ketone		600	U	98	600
Styrene		600	U	95	600
1,1,2,2-Tetrachloroethane		600	U	79	600
Tetrachloroethene		600	U	98	600
Toluene	600 U	<del>130</del>	J	86	600
1,1,1-Trichloroethane		600	U	74	600
1,1,2-Trichloroethane		600	U	81	600
Trichloroethene		600	U	77	600
Vinyl chloride		600	U	80	600
Xylenes, Total	870 U	<del>870</del>		250	600
cis-1,2-Dichloroethene		600	U	72	600
trans-1,2-Dichloroethene		600	U	63	600

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87		52 - 119
4-Bromofluorobenzene	82		63 - 128
Dibromofluoromethane	80		53 - 121
Toluene-d8 (Surr)	79		55 - 121

KP  
8/24/09  
EMR  
8/7/09

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1

Sdg Number: 220-9438

Client Sample ID: WWMW-03 (2-5)

Lab Sample ID: 220-9438-5

Date Sampled: 06/23/2009 1530

Client Matrix: Solid

% Moisture: 12.9

Date Received: 06/25/2009 1700

## 8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-28660	Instrument ID:	MSO
Preparation:	5030B		Lab File ID:	O1472.D
Dilution:	1.0		Initial Weight/Volume:	5 g
Date Analyzed:	06/30/2009 2318		Final Weight/Volume:	5 mL
Date Prepared:	06/30/2009 2318			

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	230	<del>3.3</del>	JB*	2.6	23
Benzene		6.9		0.65	5.7
Bromodichloromethane		5.7	U	0.34	5.7
Bromoform		5.7	U	0.70	5.7
Bromomethane		5.7	U	2.4	5.7
Methyl Ethyl Ketone		11	U	1.8	11
Carbon disulfide		5.7	U	0.47	5.7
Carbon tetrachloride		5.7	U	1.1	5.7
Chlorobenzene		5.7	U	0.68	5.7
Chloroethane		5.7	U	1.1	5.7
Chloroform		5.7	U	0.39	5.7
Chloromethane		5.7	U	0.90	5.7
Dibromochloromethane		5.7	U	0.40	5.7
1,1-Dichloroethane		5.7	U	0.34	5.7
1,2-Dichloroethane		5.7	U	0.67	5.7
1,1-Dichloroethene		5.7	U	0.67	5.7
1,2-Dichloropropane		5.7	U	0.77	5.7
cis-1,3-Dichloropropene		5.7	U	0.64	5.7
trans-1,3-Dichloropropene		5.7	U	0.31	5.7
Ethylbenzene		5.7	U	0.80	5.7
2-Hexanone		11	U	1.4	11
Methylene Chloride	230	<del>41</del>	JB	1.3	23
methyl isobutyl ketone		5.7	U	0.63	5.7
Styrene		5.7	U	0.17	5.7
1,1,2,2-Tetrachloroethane		5.7	U	0.60	5.7
Tetrachloroethene		5.7	U	0.93	5.7
Toluene	5.70	<del>0.17</del>	J	0.085	5.7
1,1,1-Trichloroethane		5.7	U	0.61	5.7
1,1,2-Trichloroethane		5.7	U	0.42	5.7
Trichloroethene		5.7	U	0.93	5.7
Vinyl chloride		5.7	U	0.26	5.7
Xylenes, Total		5.7	U	0.56	5.7
cis-1,2-Dichloroethene		5.7	U	0.42	5.7
trans-1,2-Dichloroethene		5.7	U	0.45	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	76		59 - 132
4-Bromofluorobenzene	66		34 - 124
Dibromofluoromethane	80		59 - 123
Toluene-d8 (Surr)	74		50 - 118

KP  
6/24/09  
EM  
8/7/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1

Sdg Number: 220-9438

Client Sample ID: **WWMW-03 (28-30)**

Lab Sample ID: 220-9438-6

Date Sampled: 06/24/2009 1045

Client Matrix: Solid

% Moisture: 20.0

Date Received: 06/25/2009 1700

### 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B	Analysis Batch: 220-28865	Instrument ID: MSN
Preparation: 5030B	Prep Batch: 220-28775	Lab File ID: N3692.D
Dilution: 20		Initial Weight/Volume: 5 g
Date Analyzed: 07/07/2009 1619		Final Weight/Volume: 10 mL
Date Prepared: 07/06/2009 1546		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		31000	U	6000	31000
Benzene		17000		1700	13000
Bromodichloromethane		13000	U	1700	13000
Bromoform		13000	U	2000	13000
Bromomethane		13000	U	2300	13000
Methyl Ethyl Ketone		13000	U	2800	13000
Carbon disulfide		13000	U	1700	13000
Carbon tetrachloride		13000	U	1900	13000
Chlorobenzene		13000	U	1600	13000
Chloroethane		13000	U	2000	13000
Chloroform		13000	U	1600	13000
Chloromethane		13000	U	1600	13000
Dibromochloromethane		13000	U	2000	13000
1,1-Dichloroethane		13000	U	1800	13000
1,2-Dichloroethane		13000	U	1500	13000
1,1-Dichloroethene		13000	U	1900	13000
1,2-Dichloropropane		13000	U	1300	13000
cis-1,3-Dichloropropene		13000	U	1500	13000
trans-1,3-Dichloropropene		13000	U	1600	13000
Ethylbenzene		290000		1300	13000
2-Hexanone		13000	U	3300	13000
Methylene Chloride		<del>11000</del> 13000 U	<del>JB</del> UJ	2000	13000
methyl isobutyl ketone		13000	U	2100	13000
Styrene		13000	U	2000	13000
1,1,2,2-Tetrachloroethane		13000	U	1700	13000
Tetrachloroethene		13000	U	2100	13000
Toluene		160000		1800	13000
1,1,1-Trichloroethane		13000	U	1600	13000
1,1,2-Trichloroethane		13000	U	1700	13000
Trichloroethene		13000	U	1600	13000
Vinyl chloride		13000	U	1700	13000
Xylenes, Total		420000		5300	13000
cis-1,2-Dichloroethene		13000	U	1500	13000
trans-1,2-Dichloroethene		13000	U	1300	13000

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		52 - 119
4-Bromofluorobenzene	93		63 - 128
Dibromofluoromethane	88		53 - 121
Toluene-d8 (Surr)	91		55 - 121

KJ  
 8/24/09  
 EMM  
 8/7/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1

Sdg Number: 220-9438

**Client Sample ID: WWSB-11 (1-2)**

Lab Sample ID: 220-9438-7

Date Sampled: 06/25/2009 1315

Client Matrix: Solid

% Moisture: 13.1

Date Received: 06/25/2009 1700

### 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B	Analysis Batch: 220-28660	Instrument ID: MSO	
Preparation: 5030B		Lab File ID: O1473.D	
Dilution: 1.0		Initial Weight/Volume: 5 g	
Date Analyzed: 06/30/2009 2343		Final Weight/Volume: 5 mL	
Date Prepared: 06/30/2009 2343			

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		23	U ✓	2.6	23
Benzene		0.96	J ✓	0.66	5.8
Bromodichloromethane		5.8	U	0.35	5.8
Bromoform		5.8	U	0.70	5.8
Bromomethane		5.8	U	2.4	5.8
Methyl Ethyl Ketone		12	U ✓	1.8	12
Carbon disulfide		5.8	U	0.47	5.8
Carbon tetrachloride		5.8	U	1.1	5.8
Chlorobenzene		5.8	U	0.68	5.8
Chloroethane		5.8	U	1.1	5.8
Chloroform		5.8	U	0.39	5.8
Chloromethane		5.8	U	0.90	5.8
Dibromochloromethane		5.8	U	0.40	5.8
1,1-Dichloroethane		5.8	U	0.35	5.8
1,2-Dichloroethane		5.8	U	0.67	5.8
1,1-Dichloroethene		5.8	U	0.67	5.8
1,2-Dichloropropane		5.8	U	0.77	5.8
cis-1,3-Dichloropropene		5.8	U	0.64	5.8
trans-1,3-Dichloropropene		5.8	U	0.31	5.8
Ethylbenzene		5.8	U	0.81	5.8
2-Hexanone		12	U	1.4	12
Methylene Chloride	23 U	15	J B ✓	1.3	23
methyl isobutyl ketone		5.8	U	0.63	5.8
Styrene		5.8	U	0.17	5.8
1,1,2,2-Tetrachloroethane		5.8	U	0.60	5.8
Tetrachloroethene		1.0	J J ✓	0.93	5.8
Toluene		5.8	U	0.085	5.8
1,1,1-Trichloroethane		5.8	U	0.61	5.8
1,1,2-Trichloroethane		5.8	U	0.43	5.8
Trichloroethene		5.8	U	0.93	5.8
Vinyl chloride		5.8	U	0.26	5.8
Xylenes, Total		5.8	U	0.56	5.8
cis-1,2-Dichloroethene		5.8	U	0.43	5.8
trans-1,2-Dichloroethene		5.8	U	0.45	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		59 - 132
4-Bromofluorobenzene	71		34 - 124
Dibromofluoromethane	102		59 - 123
Toluene-d8 (Surr)	90		50 - 118

KP  
 8/24/09  
 EMM  
 8/17/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1  
Sdg Number: 220-9438

**Client Sample ID: TB-062509**

Lab Sample ID: 220-9438-8TB  
Client Matrix: Water

Date Sampled: 06/25/2009 0000  
Date Received: 06/25/2009 1700

### 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B	Analysis Batch: 220-28702	Instrument ID: MSN
Preparation: 5030B		Lab File ID: N3547.D
Dilution: 1.0		Initial Weight/Volume: 5 mL
Date Analyzed: 07/01/2009 1943		Final Weight/Volume: 5 mL
Date Prepared: 07/01/2009 1943		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U ✓	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U ✓	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		65 - 136
4-Bromofluorobenzene	92		51 - 142
Dibromofluoromethane	90		68 - 132
Toluene-d8 (Surr)	87		63 - 127

*FP*  
*6/21/09*

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1  
Sdg Number: 220-9438

Client Sample ID: **WWMW-03 (60-63)**

Lab Sample ID: 220-9438-9  
Client Matrix: Solid

% Moisture: 19.9

Date Sampled: 06/26/2009 1200  
Date Received: 06/26/2009 2025

## 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 220-28701 Instrument ID: MSO  
Preparation: 5030B Lab File ID: O1483.D  
Dilution: 1.0 Initial Weight/Volume: 5 g  
Date Analyzed: 07/01/2009 1504 Final Weight/Volume: 5 mL  
Date Prepared: 07/01/2009 1504

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	250	<del>19</del>	<del>JB*</del> <b>UJ</b> ✓	2.8	25
Benzene		9.7		0.71	6.2
Bromodichloromethane		6.2	U	0.37	6.2
Bromoform		6.2	U	0.76	6.2
Bromomethane		6.2	U	2.6	6.2
Methyl Ethyl Ketone		12	U ✓	2.0	12
Carbon disulfide		1.8	J ✓	0.51	6.2
Carbon tetrachloride		6.2	U	1.2	6.2
Chlorobenzene		6.2	U	0.74	6.2
Chloroethane		6.2	U	1.2	6.2
Chloroform		6.2	U	0.42	6.2
Chloromethane		6.2	U	0.97	6.2
Dibromochloromethane		6.2	U	0.44	6.2
1,1-Dichloroethane		6.2	U	0.37	6.2
1,2-Dichloroethane		6.2	U	0.72	6.2
1,1-Dichloroethene		6.2	U	0.72	6.2
1,2-Dichloropropane		6.2	U	0.84	6.2
cis-1,3-Dichloropropene		6.2	U	0.70	6.2
trans-1,3-Dichloropropene		6.2	U	0.34	6.2
Ethylbenzene		33	J ✓	0.87	6.2
2-Hexanone		12	U	1.5	12
Methylene Chloride	250	<del>14</del>	<del>JB</del> ✓	1.4	25
methyl isobutyl ketone		6.2	U	0.69	6.2
Styrene		6.2	U	0.19	6.2
1,1,2,2-Tetrachloroethane		6.2	U	0.65	6.2
Tetrachloroethene		6.2	U	1.0	6.2
Toluene		26	J ✓	0.092	6.2
1,1,1-Trichloroethane		6.2	U	0.66	6.2
1,1,2-Trichloroethane		6.2	U	0.46	6.2
Trichloroethene		6.2	U	1.0	6.2
Vinyl chloride		6.2	U	0.29	6.2
Xylenes, Total		46	J ✓	0.61	6.2
cis-1,2-Dichloroethene		6.2	U	0.46	6.2
trans-1,2-Dichloroethene		6.2	U	0.49	6.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88		59 - 132
4-Bromofluorobenzene	78		34 - 124
Dibromofluoromethane	90		59 - 123
Toluene-d8 (Surr)	85		50 - 118

*KP*  
*8/24/09*

*End*  
*8/7/09*

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1

Sdg Number: 220-9438

Client Sample ID: **WWMW-XX**

Lab Sample ID: 220-9438-10

Date Sampled: 06/26/2009 1215

Client Matrix: Solid

% Moisture: 5.0

Date Received: 06/26/2009 2025

### 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 220-28701 Instrument ID: MSO  
 Preparation: 5030B Lab File ID: O1488.D  
 Dilution: 1.0 Initial Weight/Volume: 5 g  
 Date Analyzed: 07/01/2009 1708 Final Weight/Volume: 5 mL  
 Date Prepared: 07/01/2009 1708

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	21U	<del>18</del>	JB J ✓	2.4	21
Benzene		9.2		0.60	5.3
Bromodichloromethane		5.3	U	0.32	5.3
Bromoform		5.3	U	0.64	5.3
Bromomethane		5.3	U	2.2	5.3
Methyl Ethyl Ketone		11	U ✓	1.7	11
Carbon disulfide		5.3	U	0.43	5.3
Carbon tetrachloride		5.3	U	1.0	5.3
Chlorobenzene		5.3	U	0.62	5.3
Chloroethane		5.3	U	1.0	5.3
Chloroform		5.3	U	0.36	5.3
Chloromethane		5.3	U	0.82	5.3
Dibromochloromethane		5.3	U	0.37	5.3
1,1-Dichloroethane		5.3	U	0.32	5.3
1,2-Dichloroethane		5.3	U	0.61	5.3
1,1-Dichloroethene		5.3	U	0.61	5.3
1,2-Dichloropropane		5.3	U	0.71	5.3
cis-1,3-Dichloropropene		5.3	U	0.59	5.3
trans-1,3-Dichloropropene		5.3	U	0.28	5.3
Ethylbenzene		11	J ✓	0.74	5.3
2-Hexanone		11	U	1.3	11
Methylene Chloride	21U	<del>13</del>	JB J	1.1	21
methyl isobutyl ketone		5.3	U	0.58	5.3
Styrene		5.3	U	0.16	5.3
1,1,2,2-Tetrachloroethane		5.3	U	0.55	5.3
Tetrachloroethene		5.3	U	0.85	5.3
Toluene	12U	<del>12</del>	UJ ✓	0.078	5.3
1,1,1-Trichloroethane		5.3	U	0.56	5.3
1,1,2-Trichloroethane		5.3	U	0.39	5.3
Trichloroethene		5.3	U	0.85	5.3
Vinyl chloride		5.3	U	0.24	5.3
Xylenes, Total	15U	<del>15</del> ✓	UJ ✓	0.51	5.3
cis-1,2-Dichloroethene		5.3	U	0.39	5.3
trans-1,2-Dichloroethene		5.3	U	0.41	5.3

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		59 - 132
4-Bromofluorobenzene	85		34 - 124
Dibromofluoromethane	97		59 - 123
Toluene-d8 (Surr)	88		50 - 118

RP  
6/24/09  
Eng 8/7/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1  
Sdg Number: 220-9438

**Client Sample ID: WWSB-10 (2-3)**

Lab Sample ID: 220-9438-11  
Client Matrix: Solid

% Moisture: 12.7

Date Sampled: 06/26/2009 1520  
Date Received: 06/26/2009 2025

### 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B	Analysis Batch: 220-28827	Instrument ID: MSO	
Preparation: 5030B		Lab File ID: O1557.D	
Dilution: 1.0		Initial Weight/Volume: 5 g	
Date Analyzed: 07/07/2009 1421		Final Weight/Volume: 5 mL	
Date Prepared: 07/07/2009 1421			

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	230	<del>17</del>	<del>J*J</del> UJ ✓	2.6	23
Benzene		4.1	J J ✓	0.65	5.7
Bromodichloromethane		5.7	U UJ ✓	0.34	5.7
Bromoform		5.7	U UJ ✓	0.70	5.7
Bromomethane		5.7	U UJ ✓	2.4	5.7
Methyl Ethyl Ketone		11	U ✓	1.8	11
Carbon disulfide		0.58	J J ✓	0.47	5.7
Carbon tetrachloride		5.7	U UJ ✓	1.1	5.7
Chlorobenzene		5.7	U UJ ✓	0.68	5.7
Chloroethane		5.7	U UJ ✓	1.1	5.7
Chloroform		5.7	U ✓	0.39	5.7
Chloromethane		4.0	J J ✓	0.89	5.7
Dibromochloromethane		5.7	U UJ ✓	0.40	5.7
1,1-Dichloroethane		5.7	U UJ ✓	0.34	5.7
1,2-Dichloroethane		5.7	U ✓	0.66	5.7
1,1-Dichloroethene		5.7	U UJ ✓	0.66	5.7
1,2-Dichloropropane		5.7	U UJ ✓	0.77	5.7
cis-1,3-Dichloropropene		5.7	U ✓	0.64	5.7
trans-1,3-Dichloropropene		5.7	U ✓	0.31	5.7
Ethylbenzene		5.7	U UJ ✓	0.80	5.7
2-Hexanone		11	U ✓	1.4	11
Methylene Chloride	230	<del>11</del>	<del>J*B</del> UJ ✓	1.2	23
methyl isobutyl ketone		5.7	U ✓	0.63	5.7
Styrene		5.7	U UJ ✓	0.17	5.7
1,1,2,2-Tetrachloroethane		5.7	U UJ ✓	0.60	5.7
Tetrachloroethene		5.7	U UJ ✓	0.93	5.7
Toluene	5.7V	<del>1.4</del>	<del>J J</del> ✓	0.085	5.7
1,1,1-Trichloroethane		5.7	U UJ ✓	0.61	5.7
1,1,2-Trichloroethane		5.7	U ✓	0.42	5.7
Trichloroethene		5.7	U ✓	0.93	5.7
Vinyl chloride		5.7	U ✓	0.26	5.7
Xylenes, Total		5.7	U UJ ✓	0.56	5.7
cis-1,2-Dichloroethene		5.7	U UJ ✓	0.42	5.7
trans-1,2-Dichloroethene		5.7	U ✓	0.45	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	77		59 - 132
4-Bromofluorobenzene	76		34 - 124
Dibromofluoromethane	72		59 - 123
Toluene-d8 (Surr)	75		50 - 118

KP  
8/24/09

EM  
8/7/09



# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1

Sdg Number: 220-9438

Client Sample ID: WWSB-9 (2-4)

Lab Sample ID: 220-9438-12

Date Sampled: 06/26/2009 1415

Client Matrix: Solid

% Moisture: 15.2

Date Received: 06/26/2009 2025

## 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B      Analysis Batch: 220-28701      Instrument ID: MSO  
 Preparation: 5030B      Lab File ID: O1489.D  
 Dilution: 1.0      Initial Weight/Volume: 5 g  
 Date Analyzed: 07/01/2009 1733      Final Weight/Volume: 5 mL  
 Date Prepared: 07/01/2009 1733

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	24U	<del>7.9</del>	JB* DJ ✓	2.6	24
Benzene		5.9	U	0.67	5.9
Bromodichloromethane		5.9	U	0.35	5.9
Bromoform		5.9	U	0.72	5.9
Bromomethane		5.9	U ✓	2.5	5.9
Methyl Ethyl Ketone		12	U ✓	1.9	12
Carbon disulfide		5.9	U	0.48	5.9
Carbon tetrachloride		5.9	U	1.1	5.9
Chlorobenzene		5.9	U	0.70	5.9
Chloroethane		5.9	U	1.2	5.9
Chloroform		5.9	U	0.40	5.9
Chloromethane		5.9	U	0.92	5.9
Dibromochloromethane		5.9	U	0.41	5.9
1,1-Dichloroethane		5.9	U	0.35	5.9
1,2-Dichloroethane		5.9	U	0.68	5.9
1,1-Dichloroethene		5.9	U	0.68	5.9
1,2-Dichloropropane		5.9	U	0.79	5.9
cis-1,3-Dichloropropene		5.9	U	0.66	5.9
trans-1,3-Dichloropropene		5.9	U	0.32	5.9
Ethylbenzene		5.9	U	0.83	5.9
2-Hexanone		12	U ✓	1.4	12
Methylene Chloride	24U	<del>7.5</del>	JB ✓	1.3	24
methyl isobutyl ketone		5.9	U	0.65	5.9
Styrene		5.9	U	0.18	5.9
1,1,2,2-Tetrachloroethane		5.9	U ✓	0.61	5.9
Tetrachloroethene		0.98	J J ✓	0.95	5.9
Toluene		5.9	U	0.087	5.9
1,1,1-Trichloroethane		5.9	U ✓	0.62	5.9
1,1,2-Trichloroethane		5.9	U ✓	0.44	5.9
Trichloroethene		4.2	J J ✓	0.95	5.9
Vinyl chloride		5.9	U	0.27	5.9
Xylenes, Total		5.9	U	0.57	5.9
cis-1,2-Dichloroethene		5.9	U	0.44	5.9
trans-1,2-Dichloroethene		5.9	U	0.46	5.9

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	74		59 - 132
4-Bromofluorobenzene	36		34 - 124
Dibromofluoromethane	60		59 - 123
Toluene-d8 (Surr)	56		50 - 118

KP  
8/24/09

EMT  
8/17/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1  
Sdg Number: 220-9438

**Client Sample ID: FB-062609**

Lab Sample ID: 220-9438-13FB  
Client Matrix: Water

Date Sampled: 06/26/2009 1600  
Date Received: 06/26/2009 2025

### 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B	Analysis Batch: 220-28726	Instrument ID: MSW	
Preparation: 5030B		Lab File ID: W6585.D	
Dilution: 1.0		Initial Weight/Volume: 5 mL	
Date Analyzed: 07/02/2009 2149		Final Weight/Volume: 5 mL	
Date Prepared: 07/02/2009 2149			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	5.0	J J ✓	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U J J ✓	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U J J ✓	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	1.3	J J J ✓	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	4.1	J J J ✓	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110		65 - 136
4-Bromofluorobenzene	86		51 - 142
Dibromofluoromethane	101		68 - 132
Toluene-d8 (Surr)	100		63 - 127

KP  
 8/24/09  
 EP  
 8/11/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1

Sdg Number: 220-9438

**Client Sample ID: TB-062609**

Lab Sample ID: 220-9438-14TB

Date Sampled: 06/26/2009 1600

Client Matrix: Water

Date Received: 06/26/2009 2025

### 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B	Analysis Batch: 220-28819	Instrument ID: MSV
Preparation: 5030B		Lab File ID: V5090.D
Dilution: 1.0		Initial Weight/Volume: 5 mL
Date Analyzed: 07/07/2009 0057		Final Weight/Volume: 5 mL
Date Prepared: 07/07/2009 0057		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.3	J ✓	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U ✓	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		65 - 136
4-Bromofluorobenzene	83		51 - 142
Dibromofluoromethane	98		68 - 132
Toluene-d8 (Surr)	85		63 - 127

KP  
8/24/09  
  
 EMM  
8/17/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1  
Sdg Number: 220-9438

Client Sample ID: **WWMW-07 (4-5)**

Lab Sample ID: 220-9438-1  
Client Matrix: Solid

% Moisture: 18.6

Date Sampled: 06/22/2009 0945  
Date Received: 06/23/2009 1700

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-28838	Instrument ID: MSA
Preparation:	3541	Prep Batch: 220-28415	Lab File ID: A6027.D
Dilution:	2.0		Initial Weight/Volume: 15.23 g
Date Analyzed:	07/07/2009 1630		Final Weight/Volume: 1 mL
Date Prepared:	06/24/2009 0746		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		270	J J ✓	39	650
Acenaphthylene		2900		32	650
Anthracene		990		25	650
Benzo[a]anthracene		6900		23	650
Benzo[a]pyrene		12000		18	650
Benzo[b]fluoranthene		8100		17	650
Benzo[g,h,i]perylene		6100		43	650
Benzo[k]fluoranthene		3300		59	650
Bis(2-chloroethoxy)methane		650	U	30	650
Bis(2-chloroethyl)ether		650	U	34	650
Bis(2-ethylhexyl) phthalate		210	J J ✓	63	650
Butyl benzyl phthalate		650	U	37	650
Carbazole		450	J J ✓	36	650
Chrysene		6000		48	650
Di-n-butyl phthalate		650	U	95	650
Di-n-octyl phthalate		650	U	37	650
4-Bromophenyl phenyl ether		650	U	42	650
4-Chloroaniline		650	U	110	650
2-Chloronaphthalene		650	U	28	650
4-Chlorophenyl phenyl ether		650	U	48	650
Dibenz(a,h)anthracene		2300		51	650
Dibenzofuran		180	J J ✓	46	650
Diethyl phthalate		650	U	66	650
Dimethyl phthalate		650	U	37	650
1,2-Dichlorobenzene		650	U	39	650
1,3-Dichlorobenzene		650	U	33	650
1,4-Dichlorobenzene		650	U	39	650
3,3'-Dichlorobenzidine		1600	U	130	1600
2,4-Dinitrotoluene		650	U	52	650
2,6-Dinitrotoluene		650	U	19	650
Fluoranthene		5400		32	650
Fluorene		370	J J ✓	39	650
Hexachlorobenzene		650	U	45	650
Hexachlorobutadiene		650	U	50	650
Hexachlorocyclopentadiene		1600	U	310	1600
Hexachloroethane		650	U	37	650
Indeno[1,2,3-cd]pyrene		7600		42	650
Isophorone		650	U	36	650
2-Methylnaphthalene		260	J J ✓	19	650
Naphthalene		580	J J ✓	34	650
2-Nitroaniline		4100	U	40	4100
3-Nitroaniline		4100	U	21	4100
Nitrobenzene		650	U	42	650
N-Nitrosodi-n-propylamine		650	U	44	650
N-Nitrosodiphenylamine		650	U	37	650
Phenanthrene		1900		32	650

KP  
 5/24/09  
 EMS  
 8/7/02



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1

Sdg Number: 220-9438

**Client Sample ID: WWMW-07 (4-5)**

Lab Sample ID: 220-9438-1

Date Sampled: 06/22/2009 0945

Client Matrix: Solid

% Moisture: 18.6

Date Received: 06/23/2009 1700

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-28838	Instrument ID: MSA
Preparation: 3541	Prep Batch: 220-28415	Lab File ID: A6027.D
Dilution: 2.0		Initial Weight/Volume: 15.23 g
Date Analyzed: 07/07/2009 1630		Final Weight/Volume: 1 mL
Date Prepared: 06/24/2009 0746		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		5600		31	650
1,2,4-Trichlorobenzene		650	U	43	650
4-Chloro-3-methylphenol		650	U	27	650
2-Chlorophenol		650	U	38	650
2-Methylphenol		650	U	39	650
4-Methylphenol		650	U	43	650
2,4-Dichlorophenol		650	U	35	650
2,4-Dimethylphenol		650	U	32	650
2,4-Dinitrophenol		4100	U	200	4100
4,6-Dinitro-2-methylphenol		4100	U	280	4100
2-Nitrophenol		650	U	41	650
4-Nitrophenol		4100	U	49	4100
Pentachlorophenol		4100	U	400	4100
Phenol		650	U	43	650
2,4,5-Trichlorophenol		4100	U	33	4100
2,4,6-Trichlorophenol		650	U	18	650
Benzyl alcohol		650	U	62	650
4-Nitroaniline		650	U	50	650
2,2'-oxybis[1-chloropropane]		650	U	34	650

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	88		41 - 120
2-Fluorophenol	78		34 - 120
2,4,6-Tribromophenol	93		37 - 120
Nitrobenzene-d5	76		38 - 120
Phenol-d5	78		36 - 120
Terphenyl-d14	87		32 - 125

KP  
 8/24/09

EMM  
 8/17/09

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1

Sdg Number: 220-9438

Client Sample ID: WWMW-07 (48.5-49.5)

Lab Sample ID: 220-9438-3

Date Sampled: 06/23/2009 1015

Client Matrix: Solid

% Moisture: 24.5

Date Received: 06/23/2009 1700

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-28867	Instrument ID:	MSA
Preparation:	3541	Prep Batch: 220-28415	Lab File ID:	A6059.D
Dilution:	1000		Initial Weight/Volume:	15.24 g
Date Analyzed:	07/08/2009 1547		Final Weight/Volume:	1 mL
Date Prepared:	06/24/2009 0748		Injection Volume:	1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		46000	J J ✓	21000	350000
Acenaphthylene		460000		17000	350000
Anthracene		130000	J J ✓	14000	350000
Benzo[a]anthracene		83000	J J ✓	13000	350000
Benzo[a]pyrene		58000	J J ✓	9500	350000
Benzo[b]fluoranthene		34000	J J ✓	9400	350000
Benzo[g,h,i]perylene		350000	U	23000	350000
Benzo[k]fluoranthene		350000	U	32000	350000
Bis(2-chloroethoxy)methane		350000	U	16000	350000
Bis(2-chloroethyl)ether		350000	U	18000	350000
Bis(2-ethylhexyl) phthalate		350000	U	34000	350000
Butyl benzyl phthalate		350000	U	20000	350000
Carbazole		350000	U	20000	350000
Chrysene		75000	J J ✓	26000	350000
Di-n-butyl phthalate		350000	U	51000	350000
Di-n-octyl phthalate		350000	U	20000	350000
4-Bromophenyl phenyl ether		350000	U	23000	350000
4-Chloroaniline		350000	U	57000	350000
2-Chloronaphthalene		350000	U	15000	350000
4-Chlorophenyl phenyl ether		350000	U	26000	350000
Dibenz(a,h)anthracene		350000	U	28000	350000
Dibenzofuran		27000	J J ✓	25000	350000
Diethyl phthalate		350000	U	35000	350000
Dimethyl phthalate		350000	U	20000	350000
1,2-Dichlorobenzene		350000	U	21000	350000
1,3-Dichlorobenzene		350000	U	18000	350000
1,4-Dichlorobenzene		350000	U	21000	350000
3,3'-Dichlorobenzidine		870000	U	72000	870000
2,4-Dinitrotoluene		350000	U	28000	350000
2,6-Dinitrotoluene		350000	U	10000	350000
Fluoranthene		130000	J J ✓	17000	350000
Fluorene		220000	J J ✓	21000	350000
Hexachlorobenzene		350000	U	24000	350000
Hexachlorobutadiene		350000	U	27000	350000
Hexachlorocyclopentadiene		870000	U	170000	870000
Hexachloroethane		350000	U	20000	350000
Indeno[1,2,3-cd]pyrene		350000	U	23000	350000
Isophorone		350000	U	19000	350000
2-Methylnaphthalene		1200000		10000	350000
Naphthalene		3300000		18000	350000
2-Nitroaniline		2200000	U	21000	2200000
3-Nitroaniline		2200000	U	11000	2200000
Nitrobenzene		350000	U	22000	350000
N-Nitrosodi-n-propylamine		350000	U	24000	350000
N-Nitrosodiphenylamine		350000	U	20000	350000
Phenanthrene		490000		17000	350000

KP  
8/24/09

EMM  
8/17/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1

Sdg Number: 220-9438

**Client Sample ID: WWMW-07 (48.5-49.5)**

Lab Sample ID: 220-9438-3

Date Sampled: 06/23/2009 1015

Client Matrix: Solid

% Moisture: 24.5

Date Received: 06/23/2009 1700

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-28867	Instrument ID: MSA
Preparation: 3541	Prep Batch: 220-28415	Lab File ID: A6059.D
Dilution: 1000		Initial Weight/Volume: 15.24 g
Date Analyzed: 07/08/2009 1547		Final Weight/Volume: 1 mL
Date Prepared: 06/24/2009 0748		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		190000	J J ✓	17000	350000
1,2,4-Trichlorobenzene		350000	U	23000	350000
4-Chloro-3-methylphenol		350000	U	14000	350000
2-Chlorophenol		350000	U	20000	350000
2-Methylphenol		350000	U	21000	350000
4-Methylphenol		350000	U	23000	350000
2,4-Dichlorophenol		350000	U	19000	350000
2,4-Dimethylphenol		350000	U	17000	350000
2,4-Dinitrophenol		2200000	U U J ✓	110000	2200000
4,6-Dinitro-2-methylphenol		2200000	U	150000	2200000
2-Nitrophenol		350000	U	22000	350000
4-Nitrophenol		2200000	U	27000	2200000
Pentachlorophenol		2200000	U	210000	2200000
Phenol		350000	U	23000	350000
2,4,5-Trichlorophenol		2200000	U	18000	2200000
2,4,6-Trichlorophenol		350000	U	9600	350000
Benzyl alcohol		350000	U	33000	350000
4-Nitroaniline		350000	U	27000	350000
2,2'-oxybis[1-chloropropane]		350000	U	18000	350000

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	0	*	41 - 120
2-Fluorophenol	0	*	34 - 120
2,4,6-Tribromophenol	0	*	37 - 120
Nitrobenzene-d5	0	*	38 - 120
Phenol-d5	0	*	36 - 120
Terphenyl-d14	0	*	32 - 125

KP  
 8/7/09



# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1

Sdg Number: 220-9438

Client Sample ID: WWMW-07 (59-60)

Lab Sample ID: 220-9438-4

Date Sampled: 06/23/2009 1200

Client Matrix: Solid

% Moisture: 16.1

Date Received: 06/23/2009 1700

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-28800	Instrument ID:	MSC
Preparation:	3541	Prep Batch: 220-28415	Lab File ID:	C12110.D
Dilution:	1.0		Initial Weight/Volume:	15.10 g
Date Analyzed:	07/06/2009 2153		Final Weight/Volume:	1 mL
Date Prepared:	06/24/2009 0748		Injection Volume:	1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		28	J J ✓	19	320
Acenaphthylene		130	J J ✓	16	320
Anthracene		51	J J ✓	12	320
Benzo[a]anthracene		40	J J ✓	11	320
Benzo[a]pyrene		30	J J ✓	8.6	320
Benzo[b]fluoranthene		320	U	8.5	320
Benzo[g,h,i]perylene		320	U	21	320
Benzo[k]fluoranthene		320	U	29	320
Bis(2-chloroethoxy)methane		320	U	15	320
Bis(2-chloroethyl)ether		320	U	17	320
Bis(2-ethylhexyl) phthalate		320	U	31	320
Butyl benzyl phthalate		320	U	18	320
Carbazole		320	U	18	320
Chrysene		28	J J ✓	24	320
Di-n-butyl phthalate		320	U	46	320
Di-n-octyl phthalate		320	U	18	320
4-Bromophenyl phenyl ether		320	U	21	320
4-Chloroaniline		320	U	52	320
2-Chloronaphthalene		320	U	14	320
4-Chlorophenyl phenyl ether		320	U	24	320
Dibenz(a,h)anthracene		320	U	25	320
Dibenzofuran		320	U	22	320
Diethyl phthalate		320	U	32	320
Dimethyl phthalate		320	U	18	320
1,2-Dichlorobenzene		320	U	19	320
1,3-Dichlorobenzene		320	U	16	320
1,4-Dichlorobenzene		320	U	19	320
3,3'-Dichlorobenzidine		790	U	66	790
2,4-Dinitrotoluene		320	U	25	320
2,6-Dinitrotoluene		320	U	9.4	320
Fluoranthene		57	J J ✓	16	320
Fluorene		66	J J ✓	19	320
Hexachlorobenzene		320	U	22	320
Hexachlorobutadiene		320	U	25	320
Hexachlorocyclopentadiene		790	U	150	790
Hexachloroethane		320	U	18	320
Indeno[1,2,3-cd]pyrene		320	U	21	320
Isophorone		320	U	18	320
2-Methylnaphthalene		370		9.1	320
Naphthalene		1000		17	320
2-Nitroaniline		2000	U	19	2000
3-Nitroaniline		2000	U	10	2000
Nitrobenzene		320	U	20	320
N-Nitrosodi-n-propylamine		320	U	22	320
N-Nitrosodiphenylamine		320	U	18	320
Phenanthrene		200	J J ✓	16	320

KCP  
6/24/09  
EMH  
8/7/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1  
Sdg Number: 220-9438

**Client Sample ID: WWMW-07 (59-60)**

Lab Sample ID: 220-9438-4  
Client Matrix: Solid

% Moisture: 16.1

Date Sampled: 06/23/2009 1200  
Date Received: 06/23/2009 1700

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-28800	Instrument ID: MSC
Preparation: 3541	Prep Batch: 220-28415	Lab File ID: C12110.D
Dilution: 1.0		Initial Weight/Volume: 15.10 g
Date Analyzed: 07/06/2009 2153		Final Weight/Volume: 1 mL
Date Prepared: 06/24/2009 0748		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		86	JJ ✓	15	320
1,2,4-Trichlorobenzene		320	U	21	320
4-Chloro-3-methylphenol		320	U	13	320
2-Chlorophenol		320	U	19	320
2-Methylphenol		320	U	19	320
4-Methylphenol		320	U	21	320
2,4-Dichlorophenol		320	U	17	320
2,4-Dimethylphenol		320	U	16	320
2,4-Dinitrophenol		2000	U	96	2000
4,6-Dinitro-2-methylphenol		2000	U	140	2000
2-Nitrophenol		320	U	20	320
4-Nitrophenol		2000	U	24	2000
Pentachlorophenol		2000	U	190	2000
Phenol		320	U	21	320
2,4,5-Trichlorophenol		2000	U	16	2000
2,4,6-Trichlorophenol		320	U	8.8	320
Benzyl alcohol		320	U	30	320
4-Nitroaniline		320	U	25	320
2,2'-oxybis[1-chloropropane]		320	U	17	320

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	74		41 - 120
2-Fluorophenol	74		34 - 120
2,4,6-Tribromophenol	78		37 - 120
Nitrobenzene-d5	69		38 - 120
Phenol-d5	71		36 - 120
Terphenyl-d14	85		32 - 125

KCP  
8/21/09

EMM  
8/7/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1

Sdg Number: 220-9438

Client Sample ID: **WWMW-03 (2-5)**

Lab Sample ID: 220-9438-5

Date Sampled: 06/23/2009 1530

Client Matrix: Solid

% Moisture: 12.9

Date Received: 06/25/2009 1700

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-28678	Instrument ID: MSZ
Preparation:	3541	Prep Batch: 220-28526	Lab File ID: Z11571.D
Dilution:	1.0		Initial Weight/Volume: 15.23 g
Date Analyzed:	06/30/2009 2235		Final Weight/Volume: 1 mL
Date Prepared:	06/26/2009 0714		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		180	J JV ✓	18	310
Acenaphthylene		420		15	310
Anthracene		590		12	310
Benzo[a]anthracene		1700		11	310
Benzo[a]pyrene		1900		8.3	310
Benzo[b]fluoranthene		1700		8.1	310
Benzo[g,h,i]perylene		1000		20	310
Benzo[k]fluoranthene		640		27	310
Bis(2-chloroethoxy)methane		310	U	14	310
Bis(2-chloroethyl)ether		310	U	16	310
Bis(2-ethylhexyl) phthalate		950		30	310
Butyl benzyl phthalate	310U	<del>45</del>	<del>J B ✓</del>	17	310
Carbazole		200	J JV ✓	17	310
Chrysene		1600		23	310
Di-n-butyl phthalate		310	U	44	310
Di-n-octyl phthalate		310	U	17	310
4-Bromophenyl phenyl ether		310	U	20	310
4-Chloroaniline		310	U	50	310
2-Chloronaphthalene		310	U	13	310
4-Chlorophenyl phenyl ether		310	U	23	310
Dibenz(a,h)anthracene		520		24	310
Dibenzofuran		110	J JV ✓	21	310
Diethyl phthalate		310	U	31	310
Dimethyl phthalate		310	U	18	310
1,2-Dichlorobenzene		310	U	18	310
1,3-Dichlorobenzene		310	U	15	310
1,4-Dichlorobenzene		310	U	18	310
3,3'-Dichlorobenzidine		760	U	63	760
2,4-Dinitrotoluene		310	U	24	310
2,6-Dinitrotoluene		310	U	8.9	310
Fluoranthene		2500		15	310
Fluorene		220	J JV ✓	18	310
Hexachlorobenzene		310	U	21	310
Hexachlorobutadiene		310	U	24	310
Hexachlorocyclopentadiene		760	U	140	760
Hexachloroethane		310	U	17	310
Indeno[1,2,3-cd]pyrene		1200		20	310
Isophorone		310	U	17	310
2-Methylnaphthalene		140	J JV ✓	8.7	310
Naphthalene		380		16	310
2-Nitroaniline		1900	U	19	1900
3-Nitroaniline		1900	U	9.7	1900
Nitrobenzene		310	U	19	310
N-Nitrosodi-n-propylamine		310	U	21	310
N-Nitrosodiphenylamine		310	U	17	310
Phenanthrene		2600		15	310

ICP  
8/24/09

EAM  
8/17/09

Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1  
Sdg Number: 220-9438

Client Sample ID: WWMW-03 (2-5)

Lab Sample ID: 220-9438-5  
Client Matrix: Solid

% Moisture: 12.9

Date Sampled: 06/23/2009 1530  
Date Received: 06/25/2009 1700

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 220-28678 Instrument ID: MSZ  
Preparation: 3541 Prep Batch: 220-28526 Lab File ID: Z11571.D  
Dilution: 1.0 Initial Weight/Volume: 15.23 g  
Date Analyzed: 06/30/2009 2235 Final Weight/Volume: 1 mL  
Date Prepared: 06/26/2009 0714 Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		3800		14	310
1,2,4-Trichlorobenzene		310	U	20	310
4-Chloro-3-methylphenol		310	U	13	310
2-Chlorophenol		310	U	18	310
2-Methylphenol		310	U	18	310
4-Methylphenol		310	U	20	310
2,4-Dichlorophenol		310	U	16	310
2,4-Dimethylphenol		310	U	15	310
2,4-Dinitrophenol		1900	U	92	1900
4,6-Dinitro-2-methylphenol		1900	U	130	1900
2-Nitrophenol		310	U	19	310
4-Nitrophenol		1900	U	23	1900
Pentachlorophenol		1900	U	190	1900
Phenol		310	U	20	310
2,4,5-Trichlorophenol		1900	U	15	1900
2,4,6-Trichlorophenol		310	U	8.4	310
Benzyl alcohol		310	U	29	310
4-Nitroaniline		310	U	23	310
2,2'-oxybis[1-chloropropane]		310	U	16	310

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	78		41 - 120
2-Fluorophenol	76		34 - 120
2,4,6-Tribromophenol	74		37 - 120
Nitrobenzene-d5	81		38 - 120
Phenol-d5	75		36 - 120
Terphenyl-d14	94		32 - 125

RP  
6/24/09

EMM  
8/7/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1

Sdg Number: 220-9438

**Client Sample ID: WWMW-03 (28-30)**

Lab Sample ID: 220-9438-6

Date Sampled: 06/24/2009 1045

Client Matrix: Solid

% Moisture: 20.0

Date Received: 06/25/2009 1700

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-28714	Instrument ID: MSC	
Preparation: 3541	Prep Batch: 220-28526	Lab File ID: C12084.D	
Dilution: 200		Initial Weight/Volume: 15.33 g	
Date Analyzed: 07/02/2009 1756		Final Weight/Volume: 1 mL	
Date Prepared: 06/26/2009 0714		Injection Volume: 1.0 uL	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		72000		3900	66000
Acenaphthylene		17000	J J ✓	3200	66000
Anthracene		38000	J J ✓	2600	66000
Benzo[a]anthracene		19000	J J ✓	2300	66000
Benzo[a]pyrene		14000	J J ✓	1800	66000
Benzo[b]fluoranthene		8700	J J ✓	1800	66000
Benzo[g,h,i]perylene		4500	J J ✓	4300	66000
Benzo[k]fluoranthene		66000	U	5900	66000
Bis(2-chloroethoxy)methane		66000	U	3100	66000
Bis(2-chloroethyl)ether		66000	U	3400	66000
Bis(2-ethylhexyl) phthalate		66000	U	6400	66000
Butyl benzyl phthalate		66000	U	3700	66000
Carbazole		66000	U	3700	66000
Chrysene		18000	J J ✓	4900	66000
Di-n-butyl phthalate		66000	U	9600	66000
Di-n-octyl phthalate		66000	U	3700	66000
4-Bromophenyl phenyl ether		66000	U	4300	66000
4-Chloroaniline		66000	U	11000	66000
2-Chloronaphthalene		66000	U	2800	66000
4-Chlorophenyl phenyl ether		66000	U	4900	66000
Dibenz(a,h)anthracene		66000	U	5200	66000
Dibenzofuran		6000	J J ✓	4600	66000
Diethyl phthalate		66000	U	6700	66000
Dimethyl phthalate		66000	U	3800	66000
1,2-Dichlorobenzene		66000	U	3900	66000
1,3-Dichlorobenzene		66000	U	3300	66000
1,4-Dichlorobenzene		66000	U	3900	66000
3,3'-Dichlorobenzidine		160000	U	14000	160000
2,4-Dinitrotoluene		66000	U	5300	66000
2,6-Dinitrotoluene		66000	U	1900	66000
Fluoranthene		32000	J J ✓	3300	66000
Fluorene		43000	J J ✓	4000	66000
Hexachlorobenzene		66000	U	4600	66000
Hexachlorobutadiene		66000	U	5100	66000
Hexachlorocyclopentadiene		160000	U	31000	160000
Hexachloroethane		66000	U	3800	66000
Indeno[1,2,3-cd]pyrene		46000	J J ✓	4300	66000
Isophorone		66000	U	3600	66000
2-Methylnaphthalene		270000		1900	66000
Naphthalene		1000000		3400	66000
2-Nitroaniline		420000	U	4000	420000
3-Nitroaniline		420000	U	2100	420000
Nitrobenzene		66000	U	4200	66000
N-Nitrosodi-n-propylamine		66000	U	4500	66000
N-Nitrosodiphenylamine		66000	U	3700	66000
Phenanthrene		130000		3300	66000

KP  
8/24/09

8/17/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1

Sdg Number: 220-9438

**Client Sample ID: WWMW-03 (28-30)**

Lab Sample ID: 220-9438-6

Date Sampled: 06/24/2009 1045

Client Matrix: Solid

% Moisture: 20.0

Date Received: 06/25/2009 1700

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-28714	Instrument ID: MSC	
Preparation: 3541	Prep Batch: 220-28526	Lab File ID: C12084.D	
Dilution: 200		Initial Weight/Volume: 15.33 g	
Date Analyzed: 07/02/2009 1756		Final Weight/Volume: 1 mL	
Date Prepared: 06/26/2009 0714		Injection Volume: 1.0 uL	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		55000	J ✓	3100	66000
1,2,4-Trichlorobenzene		66000	U	4300	66000
4-Chloro-3-methylphenol		66000	U	2700	66000
2-Chlorophenol		66000	U	3800	66000
2-Methylphenol		66000	U	4000	66000
4-Methylphenol		66000	U	4300	66000
2,4-Dichlorophenol		66000	U	3500	66000
2,4-Dimethylphenol		66000	U	3200	66000
2,4-Dinitrophenol		420000	U	20000	420000
4,6-Dinitro-2-methylphenol		420000	U	28000	420000
2-Nitrophenol		66000	U	4200	66000
4-Nitrophenol		420000	U	5000	420000
Pentachlorophenol		420000	U	40000	420000
Phenol		66000	U	4400	66000
2,4,5-Trichlorophenol		420000	U	3300	420000
2,4,6-Trichlorophenol		66000	U	1800	66000
Benzyl alcohol		66000	U	6200	66000
4-Nitroaniline		66000	U	5100	66000
2,2'-oxybis[1-chloropropane]		66000	U	3400	66000

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	81		41 - 120
2-Fluorophenol	72		34 - 120
2,4,6-Tribromophenol	48		37 - 120
Nitrobenzene-d5	83		38 - 120
Phenol-d5	71		36 - 120
Terphenyl-d14	83		32 - 125

KP  
 8/24/09

ERM  
 8/17/09



# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1

Sdg Number: 220-9438

Client Sample ID: WWSB-11 (1-2)

Lab Sample ID: 220-9438-7

Date Sampled: 06/25/2009 1315

Client Matrix: Solid

% Moisture: 13.1

Date Received: 06/25/2009 1700

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-28693	Instrument ID:	MSA
Preparation:	3541	Prep Batch: 220-28526	Lab File ID:	A5953.D
Dilution:	2.0		Initial Weight/Volume:	15.09 g
Date Analyzed:	07/01/2009 2347		Final Weight/Volume:	1 mL
Date Prepared:	06/26/2009 0714		Injection Volume:	1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		68	J J ✓	37	620
Acenaphthylene		1600		30	620
Anthracene		900		24	620
Benzo[a]anthracene		3200		22	620
Benzo[a]pyrene		4200		17	620
Benzo[b]fluoranthene		3900		16	620
Benzo[g,h,i]perylene		4200		40	620
Benzo[k]fluoranthene		1400		55	620
Bis(2-chloroethoxy)methane		620	U	29	620
Bis(2-chloroethyl)ether		620	U	32	620
Bis(2-ethylhexyl) phthalate		73	J J ✓	60	620
Butyl benzyl phthalate		<del>42</del>	J B ✓	35	620
Carbazole	6200	140	J J ✓	34	620
Chrysene		3500		46	620
Di-n-butyl phthalate		620	U	90	620
Di-n-octyl phthalate		620	U	35	620
4-Bromophenyl phenyl ether		620	U	40	620
4-Chloroaniline		620	U	100	620
2-Chloronaphthalene		620	U	26	620
4-Chlorophenyl phenyl ether		620	U	46	620
Dibenz(a,h)anthracene		1100		49	620
Dibenzofuran		75	J J ✓	43	620
Diethyl phthalate		620	U	62	620
Dimethyl phthalate		620	U	35	620
1,2-Dichlorobenzene		620	U	37	620
1,3-Dichlorobenzene		620	U	31	620
1,4-Dichlorobenzene		620	U	37	620
3,3'-Dichlorobenzidine		1500	U	130	1500
2,4-Dinitrotoluene		620	U	49	620
2,6-Dinitrotoluene		620	U	18	620
Fluoranthene		4500		31	620
Fluorene		170	J J ✓	37	620
Hexachlorobenzene		620	U	43	620
Hexachlorobutadiene		620	U	48	620
Hexachlorocyclopentadiene		1500	U	290	1500
Hexachloroethane		620	U	35	620
Indeno[1,2,3-cd]pyrene		4200		40	620
Isophorone		620	U	34	620
2-Methylnaphthalene		140	J J ✓	18	620
Naphthalene		250	J J ✓	32	620
2-Nitroaniline		3900	U	38	3900
3-Nitroaniline		3900	U	20	3900
Nitrobenzene		620	U	39	620
N-Nitrosodi-n-propylamine		620	U	42	620
N-Nitrosodiphenylamine		620	U	35	620
Phenanthrene		1800		30	620

KP  
8/24/09

EMM  
8/7/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1

Sdg Number: 220-9438

Client Sample ID: **WWSB-11 (1-2)**

Lab Sample ID: 220-9438-7

Date Sampled: 06/25/2009 1315

Client Matrix: Solid

% Moisture: 13.1

Date Received: 06/25/2009 1700

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-28693	Instrument ID: MSA
Preparation:	3541	Prep Batch: 220-28526	Lab File ID: A5953.D
Dilution:	2.0		Initial Weight/Volume: 15.09 g
Date Analyzed:	07/01/2009 2347		Final Weight/Volume: 1 mL
Date Prepared:	06/26/2009 0714		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		6000		29	620
1,2,4-Trichlorobenzene		620	U	41	620
4-Chloro-3-methylphenol		620	U	25	620
2-Chlorophenol		620	U	36	620
2-Methylphenol		620	U	37	620
4-Methylphenol		620	U	41	620
2,4-Dichlorophenol		620	U	33	620
2,4-Dimethylphenol		620	U	30	620
2,4-Dinitrophenol		3900	U	190	3900
4,6-Dinitro-2-methylphenol		3900	U	270	3900
2-Nitrophenol		620	U	39	620
4-Nitrophenol		3900	U	47	3900
Pentachlorophenol		3900	U	380	3900
Phenol		620	U	41	620
2,4,5-Trichlorophenol		3900	U	31	3900
2,4,6-Trichlorophenol		620	U	17	620
Benzyl alcohol		620	U	58	620
4-Nitroaniline		620	U	47	620
2,2'-oxybis[1-chloropropane]		620	U	32	620

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	79		41 - 120
2-Fluorophenol	74		34 - 120
2,4,6-Tribromophenol	71		37 - 120
Nitrobenzene-d5	73		38 - 120
Phenol-d5	74		36 - 120
Terphenyl-d14	77		32 - 125

*KD*  
*6/24/09*

*EMM*  
*6/27/09*

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1

Sdg Number: 220-9438

**Client Sample ID: WWMW-03 (60-63)**

Lab Sample ID: 220-9438-9

Date Sampled: 06/26/2009 1200

Client Matrix: Solid

% Moisture: 19.9

Date Received: 06/26/2009 2025

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-28800	Instrument ID: MSC
Preparation:	3541	Prep Batch: 220-28568	Lab File ID: C12108.D
Dilution:	1.0		Initial Weight/Volume: 15.14 g
Date Analyzed:	07/06/2009 2059		Final Weight/Volume: 1 mL
Date Prepared:	06/29/2009 0751		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		330	U	20	330
Acenaphthylene		330	U	16	330
Anthracene		330	U	13	330
Benzo[a]anthracene		330	U	12	330
Benzo[a]pyrene		330	U	9.0	330
Benzo[b]fluoranthene		330	U	8.9	330
Benzo[g,h,i]perylene		330	U	22	330
Benzo[k]fluoranthene		330	U	30	330
Bis(2-chloroethoxy)methane		330	U	15	330
Bis(2-chloroethyl)ether		330	U	17	330
Bis(2-ethylhexyl) phthalate		330	U	32	330
Butyl benzyl phthalate		330	U	19	330
Carbazole		330	U	19	330
Chrysene		330	U	25	330
Di-n-butyl phthalate		330	U	48	330
Di-n-octyl phthalate		330	U	19	330
4-Bromophenyl phenyl ether		330	U	22	330
4-Chloroaniline		330	U	54	330
2-Chloronaphthalene		330	U	14	330
4-Chlorophenyl phenyl ether		330	U	25	330
Dibenz(a,h)anthracene		330	U	26	330
Dibenzofuran		330	U	24	330
Diethyl phthalate		330	U	34	330
Dimethyl phthalate		330	U	19	330
1,2-Dichlorobenzene		330	U	20	330
1,3-Dichlorobenzene		330	U	17	330
1,4-Dichlorobenzene		330	U	20	330
3,3'-Dichlorobenzidine		830	U	69	830
2,4-Dinitrotoluene		330	U	27	330
2,6-Dinitrotoluene		330	U	9.8	330
Fluoranthene		330	U	17	330
Fluorene		330	U	20	330
Hexachlorobenzene		330	U	23	330
Hexachlorobutadiene		330	U	26	330
Hexachlorocyclopentadiene		830	U	160	830
Hexachloroethane		330	U	19	330
Indeno[1,2,3-cd]pyrene		330	U	22	330
Isophorone		330	U	18	330
2-Methylnaphthalene		44	J J ✓	9.5	330
Naphthalene		190	J J ✓	17	330
2-Nitroaniline		2100	U	20	2100
3-Nitroaniline		2100	U	11	2100
Nitrobenzene		330	U	21	330
N-Nitrosodi-n-propylamine		330	U	23	330
N-Nitrosodiphenylamine		330	U	19	330
Phenanthrene		23	J J ✓	16	330

KP  
 8/24/09  
 EMM  
 8/7/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1

Sdg Number: 220-9438

**Client Sample ID: WWMW-03 (60-63)**

Lab Sample ID: 220-9438-9

Date Sampled: 06/26/2009 1200

Client Matrix: Solid

% Moisture: 19.9

Date Received: 06/26/2009 2025

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-28800	Instrument ID: MSC
Preparation:	3541	Prep Batch: 220-28568	Lab File ID: C12108.D
Dilution:	1.0		Initial Weight/Volume: 15.14 g
Date Analyzed:	07/06/2009 2059		Final Weight/Volume: 1 mL
Date Prepared:	06/29/2009 0751		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		330	U	16	330
1,2,4-Trichlorobenzene		330	U	22	330
4-Chloro-3-methylphenol		330	U	14	330
2-Chlorophenol		330	U	19	330
2-Methylphenol		330	U	20	330
4-Methylphenol		330	U	22	330
2,4-Dichlorophenol		330	U	18	330
2,4-Dimethylphenol		330	U	16	330
2,4-Dinitrophenol		2100	U ✓ UJ ✓	100	2100
4,6-Dinitro-2-methylphenol		2100	U ✓ UJ ✓	140	2100
2-Nitrophenol		330	U	21	330
4-Nitrophenol		2100	U	25	2100
Pentachlorophenol		2100	U	200	2100
Phenol		330	U	22	330
2,4,5-Trichlorophenol		2100	U	17	2100
2,4,6-Trichlorophenol		330	U	9.2	330
Benzyl alcohol		330	U	32	330
4-Nitroaniline		330	U	26	330
2,2'-oxybis[1-chloropropane]		330	U	17	330

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	68		41 - 120
2-Fluorophenol	68		34 - 120
2,4,6-Tribromophenol	73		37 - 120
Nitrobenzene-d5	67		38 - 120
Phenol-d5	66		36 - 120
Terphenyl-d14	73		32 - 125

KP  
8/24/09

EJM  
8/27/09



# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1

Sdg Number: 220-9438

Client Sample ID: WWMW-XX

Lab Sample ID: 220-9438-10

Date Sampled: 06/26/2009 1215

Client Matrix: Solid

% Moisture: 5.0

Date Received: 06/26/2009 2025

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-28800	Instrument ID:	MSC
Preparation:	3541	Prep Batch: 220-28568	Lab File ID:	C12109.D
Dilution:	1.0		Initial Weight/Volume:	15.26 g
Date Analyzed:	07/06/2009 2126		Final Weight/Volume:	1 mL
Date Prepared:	06/29/2009 0751		Injection Volume:	1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		46	J J V	17	280
Acenaphthylene		18	J J V	14	280
Anthracene		27	J J V	11	280
Benzo[a]anthracene		15	J J V	9.9	280
Benzo[a]pyrene		8.1	J J V	7.6	280
Benzo[b]fluoranthene		280	U	7.4	280
Benzo[g,h,i]perylene		280	U	18	280
Benzo[k]fluoranthene		280	U	25	280
Bis(2-chloroethoxy)methane		280	U	13	280
Bis(2-chloroethyl)ether		280	U	14	280
Bis(2-ethylhexyl) phthalate		280	U	27	280
Butyl benzyl phthalate		280	U	16	280
Carbazole		280	U	16	280
Chrysene		280	U	21	280
Di-n-butyl phthalate		280	U	41	280
Di-n-octyl phthalate		280	U	16	280
4-Bromophenyl phenyl ether		280	U	18	280
4-Chloroaniline		280	U	45	280
2-Chloronaphthalene		280	U	12	280
4-Chlorophenyl phenyl ether		280	U	21	280
Dibenz(a,h)anthracene		280	U	22	280
Dibenzofuran		280	U	20	280
Diethyl phthalate		280	U	28	280
Dimethyl phthalate		280	U	16	280
1,2-Dichlorobenzene		280	U	17	280
1,3-Dichlorobenzene		280	U	14	280
1,4-Dichlorobenzene		280	U	17	280
3,3'-Dichlorobenzidine		690	U	57	690
2,4-Dinitrotoluene		280	U	22	280
2,6-Dinitrotoluene		280	U	8.2	280
Fluoranthene		21	J J V	14	280
Fluorene		35	J J V	17	280
Hexachlorobenzene		280	U	19	280
Hexachlorobutadiene		280	U	22	280
Hexachlorocyclopentadiene		690	U	130	690
Hexachloroethane		280	U	16	280
Indeno[1,2,3-cd]pyrene		280	U	18	280
Isophorone		280	U	15	280
2-Methylnaphthalene		240	J J V	8.0	280
Naphthalene		1200	J J V	14	280
2-Nitroaniline		1800	U	17	1800
3-Nitroaniline		1800	U	8.9	1800
Nitrobenzene		280	U	18	280
N-Nitrosodi-n-propylamine		280	U	19	280
N-Nitrosodiphenylamine		280	U	16	280
Phenanthrene		110	J J V	14	280

KCP  
6/24/09

EMM  
8/7/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1  
Sdg Number: 220-9438

**Client Sample ID:** WWMW-XX

Lab Sample ID: 220-9438-10  
Client Matrix: Solid

% Moisture: 5.0

Date Sampled: 06/26/2009 1215  
Date Received: 06/26/2009 2025

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-28800	Instrument ID: MSC
Preparation: 3541	Prep Batch: 220-28568	Lab File ID: C12109.D
Dilution: 1.0		Initial Weight/Volume: 15.26 g
Date Analyzed: 07/06/2009 2126		Final Weight/Volume: 1 mL
Date Prepared: 06/29/2009 0751		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		34	J J ✓	13	280
1,2,4-Trichlorobenzene		280	U	18	280
4-Chloro-3-methylphenol		280	U	11	280
2-Chlorophenol		280	U	16	280
2-Methylphenol		280	U	17	280
4-Methylphenol		280	U	18	280
2,4-Dichlorophenol		280	U	15	280
2,4-Dimethylphenol		280	U	14	280
2,4-Dinitrophenol		1800	U ✓ J J ✓	84	1800
4,6-Dinitro-2-methylphenol		1800	U ✓ J J ✓	120	1800
2-Nitrophenol		280	U	18	280
4-Nitrophenol		1800	U	21	1800
Pentachlorophenol		1800	U	170	1800
Phenol		280	U	19	280
2,4,5-Trichlorophenol		1800	U	14	1800
2,4,6-Trichlorophenol		280	U	7.7	280
Benzyl alcohol		280	U	26	280
4-Nitroaniline		280	U	21	280
2,2'-oxybis[1-chloropropane]		280	U	14	280

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	71		41 - 120
2-Fluorophenol	69		34 - 120
2,4,6-Tribromophenol	73		37 - 120
Nitrobenzene-d5	68		38 - 120
Phenol-d5	67		36 - 120
Terphenyl-d14	76		32 - 125

KCP  
8/24/09

EM  
8/7/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1

Sdg Number: 220-9438

**Client Sample ID: WWSB-10 (2-3)**

Lab Sample ID: 220-9438-11

Date Sampled: 06/26/2009 1520

Client Matrix: Solid

% Moisture: 12.7

Date Received: 06/26/2009 2025

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-28800	Instrument ID: MSC
Preparation:	3541	Prep Batch: 220-28568	Lab File ID: C12115.D
Dilution:	1.0		Initial Weight/Volume: 15.10 g
Date Analyzed:	07/07/2009 0008		Final Weight/Volume: 1 mL
Date Prepared:	06/29/2009 0751		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		160	J J ✓	18	310
Acenaphthylene		1600		15	310
Anthracene		730		12	310
Benzo[a]anthracene		2700	J J ✓	11	310
Benzo[a]pyrene		5100	J J ✓	8.3	310
Benzo[b]fluoranthene		4100	J J ✓	8.2	310
Benzo[g,h,i]perylene		3800	J ✓	20	310
Benzo[k]fluoranthene		1500		28	310
Bis(2-chloroethoxy)methane		310	U	14	310
Bis(2-chloroethyl)ether		310	U	16	310
Bis(2-ethylhexyl) phthalate		1300		30	310
Butyl benzyl phthalate		310	U	17	310
Carbazole		190	J J ✓	17	310
Chrysene		2800	J J ✓	23	310
Di-n-butyl phthalate		310	U	45	310
Di-n-octyl phthalate		310	U J J ✓	17	310
4-Bromophenyl phenyl ether		310	U	20	310
4-Chloroaniline		310	U	50	310
2-Chloronaphthalene		310	U	13	310
4-Chlorophenyl phenyl ether		310	U	23	310
Dibenz(a,h)anthracene		1200		24	310
Dibenzofuran		92	J J ✓	22	310
Diethyl phthalate		310	U	31	310
Dimethyl phthalate		310	U	18	310
1,2-Dichlorobenzene		310	U	18	310
1,3-Dichlorobenzene		310	U	15	310
1,4-Dichlorobenzene		310	U	18	310
3,3'-Dichlorobenzidine		760	U	63	760
2,4-Dinitrotoluene		310	U	24	310
2,6-Dinitrotoluene		310	U	9.0	310
Fluoranthene		3100		15	310
Fluorene		230	J J J ✓	18	310
Hexachlorobenzene		310	U	21	310
Hexachlorobutadiene		310	U	24	310
Hexachlorocyclopentadiene		<del>760</del>	U R ✓	140	760
Hexachloroethane		310	U	18	310
Indeno[1,2,3-cd]pyrene		4300	J J ✓	20	310
Isophorone		310	U	17	310
2-Methylnaphthalene		180	J J ✓	8.8	310
Naphthalene		330		16	310
2-Nitroaniline		1900	U	19	1900
3-Nitroaniline		1900	U	9.8	1900
Nitrobenzene		310	U	20	310
N-Nitrosodi-n-propylamine		310	U	21	310
N-Nitrosodiphenylamine		310	U	17	310
Phenanthrene		1700	J J ✓	15	310

KP  
8/24/09

8/17/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1  
Sdg Number: 220-9438

**Client Sample ID: WWSB-10 (2-3)**

Lab Sample ID: 220-9438-11  
Client Matrix: Solid

% Moisture: 12.7

Date Sampled: 06/26/2009 1520  
Date Received: 06/26/2009 2025

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-28800	Instrument ID: MSC	
Preparation: 3541	Prep Batch: 220-28568	Lab File ID: C12115.D	
Dilution: 1.0		Initial Weight/Volume: 15.10 g	
Date Analyzed: 07/07/2009 0008		Final Weight/Volume: 1 mL	
Date Prepared: 06/29/2009 0751		Injection Volume: 1.0 uL	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		2900	J ✓	14	310
1,2,4-Trichlorobenzene		310	U	20	310
4-Chloro-3-methylphenol		310	U	13	310
2-Chlorophenol		310	U	18	310
2-Methylphenol		310	U	18	310
4-Methylphenol		38	J ✓	20	310
2,4-Dichlorophenol		310	U	16	310
2,4-Dimethylphenol		310	U	15	310
2,4-Dinitrophenol		1900	U ✓ J ✓	92	1900
4,6-Dinitro-2-methylpheno]		1900	U ✓ J ✓	130	1900
2-Nitrophenol		310	U ✓ J ✓	19	310
4-Nitrophenol		1900	U ✓ J ✓	23	1900
Pentachlorophenol		2300		190	1900
Phenol		310	U	20	310
2,4,5-Trichlorophenol		1900	U ✓ J ✓	15	1900
2,4,6-Trichlorophenol		310	U ✓ J ✓	8.4	310
Benzyl alcohol		310	U	29	310
4-Nitroaniline		310	U	24	310
2,2'-oxybis[1-chloropropane]		310	U	16	310

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	71		41 - 120
2-Fluorophenol	62		34 - 120
2,4,6-Tribromophenol	57		37 - 120
Nitrobenzene-d5	65		38 - 120
Phenol-d5	65		36 - 120
Terphenyl-d14	59		32 - 125

KP  
6/21/09

EM  
8/7/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1

Sdg Number: 220-9438

**Client Sample ID: WWSB-9 (2-4)**

Lab Sample ID: 220-9438-12

Date Sampled: 06/26/2009 1415

Client Matrix: Solid

% Moisture: 15.2

Date Received: 06/26/2009 2025

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-28800	Instrument ID: MSC
Preparation:	3541	Prep Batch: 220-28568	Lab File ID: C12121.D
Dilution:	1.0		Initial Weight/Volume: 15.05 g
Date Analyzed:	07/07/2009 0251		Final Weight/Volume: 1 mL
Date Prepared:	06/29/2009 0751		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		63	J J ✓	19	320
Acenaphthylene		1000		16	320
Anthracene		430		12	320
Benzo[a]anthracene		1200		11	320
Benzo[a]pyrene		1800		8.6	320
Benzo[b]fluoranthene		1600		8.5	320
Benzo[g,h,i]perylene		1100		21	320
Benzo[k]fluoranthene		600		28	320
Bis(2-chloroethoxy)methane		320	U	15	320
Bis(2-chloroethyl)ether		320	U	16	320
Bis(2-ethylhexyl) phthalate		230	J J ✓	31	320
Butyl benzyl phthalate		320	U	18	320
Carbazole		97	J J ✓	18	320
Chrysene		1300		23	320
Di-n-butyl phthalate		320	U	46	320
Di-n-octyl phthalate		320	U	18	320
4-Bromophenyl phenyl ether		320	U	20	320
4-Chloroaniline		320	U	52	320
2-Chloronaphthalene		320	U	14	320
4-Chlorophenyl phenyl ether		320	U	23	320
Dibenz(a,h)anthracene		490		25	320
Dibenzofuran		68	J J ✓	22	320
Diethyl phthalate		320	U	32	320
Dimethyl phthalate		320	U	18	320
1,2-Dichlorobenzene		320	U	19	320
1,3-Dichlorobenzene		320	U	16	320
1,4-Dichlorobenzene		320	U	19	320
3,3'-Dichlorobenzidine		790	U	65	790
2,4-Dinitrotoluene		320	U	25	320
2,6-Dinitrotoluene		320	U	9.3	320
Fluoranthene		960		16	320
Fluorene		110	J J ✓	19	320
Hexachlorobenzene		320	U	22	320
Hexachlorobutadiene		320	U	24	320
Hexachlorocyclopentadiene		790	U	150	790
Hexachloroethane		320	U	18	320
Indeno[1,2,3-cd]pyrene		1200		21	320
Isophorone		320	U	18	320
2-Methylnaphthalene		280	J J ✓	9.0	320
Naphthalene		410		16	320
2-Nitroaniline		2000	U	19	2000
3-Nitroaniline		2000	U	10	2000
Nitrobenzene		320	U	20	320
N-Nitrosodi-n-propylamine		320	U	21	320
N-Nitrosodiphenylamine		320	U	18	320
Phenanthrene		890		16	320

KP  
 8/24/09  
 EHM  
 8/17/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1  
Sdg Number: 220-9438

**Client Sample ID: WWSB-9 (2-4)**

Lab Sample ID: 220-9438-12  
Client Matrix: Solid

% Moisture: 15.2

Date Sampled: 06/26/2009 1415  
Date Received: 06/26/2009 2025

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-28800	Instrument ID: MSC	
Preparation: 3541	Prep Batch: 220-28568	Lab File ID: C12121.D	
Dilution: 1.0		Initial Weight/Volume: 15.05 g	
Date Analyzed: 07/07/2009 0251		Final Weight/Volume: 1 mL	
Date Prepared: 06/29/2009 0751		Injection Volume: 1.0 uL	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		970		15	320
1,2,4-Trichlorobenzene		320	U	21	320
4-Chloro-3-methylphenol		320	U	13	320
2-Chlorophenol		320	U	18	320
2-Methylphenol		320	U	19	320
4-Methylphenol		320	U	21	320
2,4-Dichlorophenol		320	U	17	320
2,4-Dimethylphenol		320	U	15	320
2,4-Dinitrophenol		2000	U <i>US</i> ✓	95	2000
4,6-Dinitro-2-methylphenol		2000	U <i>US</i> ✓	140	2000
2-Nitrophenol		320	U	20	320
4-Nitrophenol		2000	U	24	2000
Pentachlorophenol		2000	U	190	2000
Phenol		320	U	21	320
2,4,5-Trichlorophenol		2000	U	16	2000
2,4,6-Trichlorophenol		320	U	8.7	320
Benzyl alcohol		320	U	30	320
4-Nitroaniline		320	U	24	320
2,2'-oxybis[1-chloropropane]		320	U	16	320

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	73		41 - 120
2-Fluorophenol	69		34 - 120
2,4,6-Tribromophenol	62		37 - 120
Nitrobenzene-d5	70		38 - 120
Phenol-d5	67		36 - 120
Terphenyl-d14	57		32 - 125

*RP*  
*8/24/09*

*EMM*  
*8/7/09*



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1

Sdg Number: 220-9438

**Client Sample ID: FB-062609**

Lab Sample ID: 220-9438-13FB

Date Sampled: 06/26/2009 1600

Client Matrix: Water

Date Received: 06/26/2009 2025

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-28706	Instrument ID: MSC
Preparation:	3510C	Prep Batch: 220-28570	Lab File ID: C12051.D
Dilution:	1.0		Initial Weight/Volume: 960 mL
Date Analyzed:	07/01/2009 1605		Final Weight/Volume: 1 mL
Date Prepared:	06/29/2009 0905		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	4.2	U	0.32	4.2
Acenaphthylene	4.2	U	0.35	4.2
Anthracene	4.2	U	0.30	4.2
Benzo[a]anthracene	4.2	U	0.31	4.2
Benzo[a]pyrene	4.2	U	0.36	4.2
Benzo[b]fluoranthene	4.2	U	0.38	4.2
Benzo[g,h,i]perylene	4.2	U	0.38	4.2
Benzo[k]fluoranthene	4.2	U	0.42	4.2
Bis(2-chloroethoxy)methane	4.2	U	0.32	4.2
Bis(2-chloroethyl)ether	4.2	U	0.30	4.2
Bis(2-ethylhexyl) phthalate	4.2	U	0.56	4.2
Butyl benzyl phthalate	4.2	U	0.36	4.2
Carbazole	4.2	U	0.34	4.2
Chrysene	4.2	U	0.26	4.2
Di-n-butyl phthalate	0.54	J ✓	0.36	4.2
Di-n-octyl phthalate	4.2	U	0.40	4.2
4-Bromophenyl phenyl ether	4.2	U	0.46	4.2
4-Chloroaniline	4.2	U	0.30	4.2
2-Chloronaphthalene	4.2	U	0.41	4.2
4-Chlorophenyl phenyl ether	4.2	U	0.36	4.2
Dibenz(a,h)anthracene	4.2	U	0.40	4.2
Dibenzofuran	4.2	U	0.45	4.2
Diethyl phthalate	4.2	U	0.45	4.2
Dimethyl phthalate	4.2	U	0.40	4.2
1,2-Dichlorobenzene	4.2	U	0.32	4.2
1,3-Dichlorobenzene	4.2	U	0.26	4.2
1,4-Dichlorobenzene	4.2	U	0.32	4.2
3,3'-Dichlorobenzidine	4.2	U	0.38	4.2
2,4-Dinitrotoluene	4.2	U	0.42	4.2
2,6-Dinitrotoluene	4.2	U	0.27	4.2
Fluoranthene	4.2	U	0.32	4.2
Fluorene	4.2	U	0.27	4.2
Hexachlorobenzene	4.2	U	0.34	4.2
Hexachlorobutadiene	4.2	U	0.21	4.2
Hexachlorocyclopentadiene	4.2	U	0.36	4.2
Hexachloroethane	4.2	U	0.39	4.2
Indeno[1,2,3-cd]pyrene	4.2	U	0.29	4.2
Isophorone	4.2	U	0.32	4.2
2-Methylnaphthalene	4.2	U	0.28	4.2
Naphthalene	4.2	U	0.31	4.2
2-Nitroaniline	4.2	U	0.35	4.2
3-Nitroaniline	4.2	U	0.24	4.2
Nitrobenzene	4.2	U	0.29	4.2
N-Nitrosodi-n-propylamine	4.2	U	0.34	4.2
N-Nitrosodiphenylamine	4.2	U	0.34	4.2
Phenanthrene	4.2	U	0.29	4.2

KP 8/24/09

EJM 8/7/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1  
Sdg Number: 220-9438

**Client Sample ID: FB-062609**

Lab Sample ID: 220-9438-13FB  
Client Matrix: Water

Date Sampled: 06/26/2009 1600  
Date Received: 06/26/2009 2025

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-28706	Instrument ID: MSC
Preparation:	3510C	Prep Batch: 220-28570	Lab File ID: C12051.D
Dilution:	1.0		Initial Weight/Volume: 960 mL
Date Analyzed:	07/01/2009 1605		Final Weight/Volume: 1 mL
Date Prepared:	06/29/2009 0905		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	4.2	U	0.34	4.2
1,2,4-Trichlorobenzene	4.2	U	0.38	4.2
4-Chloro-3-methylphenol	5.2	U	0.35	5.2
2-Chlorophenol	4.2	U	0.24	4.2
2-Methylphenol	4.2	U	0.25	4.2
4-Methylphenol	4.2	U	0.30	4.2
2,4-Dichlorophenol	4.2	U	0.34	4.2
2,4-Dimethylphenol	4.2	U	0.34	4.2
2,4-Dinitrophenol	26	U	0.45	26
4,6-Dinitro-2-methylphenol	26	U	1.9	26
2-Nitrophenol	4.2	U	0.28	4.2
4-Nitrophenol	10	U	1.5	10
Pentachlorophenol	26	U	0.32	26
Phenol	4.2	U	0.20	4.2
2,4,5-Trichlorophenol	10	U	0.29	10
2,4,6-Trichlorophenol	4.2	U	0.39	4.2
Benzyl alcohol	4.2	U	0.43	4.2
4-Nitroaniline	4.2	U	0.21	4.2
2,2'-oxybis[1-chloropropane]	4.2	U	0.26	4.2

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	80		39 - 120
2-Fluorophenol	41		13 - 120
2,4,6-Tribromophenol	84		36 - 120
Nitrobenzene-d5	79		40 - 120
Phenol-d5	27		10 - 120
Terphenyl-d14	79		10 - 120

*KP 8/24*

*EM  
8/7/09*

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1  
Sdg Number: 220-9438

**Client Sample ID: WWMW-07 (4-5)**

Lab Sample ID: 220-9438-1  
Client Matrix: Solid

% Moisture: 18.6

Date Sampled: 06/22/2009 0945  
Date Received: 06/23/2009 1700

### 6010B Metals (ICP)

Method: 6010B	Analysis Batch: 220-28513	Instrument ID: ICAP3
Preparation: 3050B	Prep Batch: 220-28448	Lab File ID: N/A
Dilution: 1.0		Initial Weight/Volume: 2.10 g
Date Analyzed: 06/25/2009 1340		Final Weight/Volume: 250 mL
Date Prepared: 06/24/2009 1256		

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		1.5	U	0.073	1.5
Aluminum		7330		2.9	73.1
Arsenic		2.3	J	2.0	6.1
Barium		48.5	J	0.073	1.5
Beryllium		0.67	J	0.073	1.5
Calcium		1150	J	14.6	73.1
Cadmium		0.33	J	0.29	1.5
Cobalt		6.4		0.15	1.5
Chromium		15.7	J	0.15	1.5
Copper		24.8	J	0.56	1.8
Iron		15800		4.4	36.5
Potassium		806	J	14.6	73.1
Magnesium		2010		2.7	73.1
Manganese		269		0.073	2.2
Sodium		65.1	J	14.6	73.1
Nickel		13.6	J	0.29	1.5
Lead		45.0	J	0.91	4.4
Antimony		4.8	U J	1.5	4.8
Selenium		11.0	U J	3.7	11.0
Thallium		4.4	U	1.0	4.4
Vanadium		25.9	J	0.29	1.5
Zinc		91.3	J	1.5	7.3

MP  
06/25/09

### 7471A Mercury (CVAA)

Method: 7471A	Analysis Batch: 220-28850	Instrument ID: MERC1
Preparation: 7471A	Prep Batch: 220-28801	Lab File ID: N/A
Dilution: 1.0		Initial Weight/Volume: 0.64 g
Date Analyzed: 07/08/2009 1032		Final Weight/Volume: 50 mL
Date Prepared: 07/07/2009 1130		

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.037	J	0.0046	0.058

MP  
07/08/09

Jan  
8/14/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1  
Sdg Number: 220-9438

Client Sample ID: **WWW-07 (48.5-49.5)**

Lab Sample ID: 220-9438-3

Date Sampled: 06/23/2009 1015

Client Matrix: Solid

% Moisture: 24.5

Date Received: 06/23/2009 1700

### 6010B Metals (ICP)

Method: 6010B  
Preparation: 3050B  
Dilution: 1.0  
Date Analyzed: 06/26/2009 1329  
Date Prepared: 06/24/2009 1256

Analysis Batch: 220-28563  
Prep Batch: 220-28448

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 2.08 g  
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		1.6	U	0.080	1.6
Aluminum		1860		3.2	79.6
Arsenic		6.7	U	2.1	6.7
Barium		18.4	J ✓	0.080	1.6
Beryllium		0.42	J ✓	0.080	1.6
Calcium		436	J ✓	15.9	79.6
Cadmium		1.6	U	0.32	1.6
Cobalt		6.5		0.16	1.6
Chromium		8.0	J ✓	0.16	1.6
Copper		17.1	J ✓	0.61	1.9
Iron		10300		4.8	39.8
Potassium		380	J ✓	15.9	79.6
Magnesium		782		2.9	79.6
Manganese		92.1		0.080	2.4
Sodium		138	J ✓	15.9	79.6
Nickel		7.6	J ✓	0.32	1.6
Lead		4.7	J ✓	0.99	4.8
Antimony		5.3	U J ✓	1.6	5.3
Selenium		11.9	U	4.0	11.9
Thallium		4.8	U	1.1	4.8
Vanadium		17.9	J ✓	0.32	1.6
Zinc		17.4	J ✓	1.6	8.0

KCP  
8/14/09

### 7471A Mercury (CVAA)

Method: 7471A  
Preparation: 7471A  
Dilution: 1.0  
Date Analyzed: 07/08/2009 1033  
Date Prepared: 07/07/2009 1130

Analysis Batch: 220-28850  
Prep Batch: 220-28801

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 0.61 g  
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.065	U J ✓	0.0052	0.065

KCP  
8/14/09

Jan  
8/14/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1

Sdg Number: 220-9438

Client Sample ID: **WWMW-07 (59-60)**

Lab Sample ID: 220-9438-4

Client Matrix: Solid

% Moisture: 16.1

Date Sampled: 06/23/2009 1200

Date Received: 06/23/2009 1700

### 6010B Metals (ICP)

Method: 6010B  
Preparation: 3050B  
Dilution: 1.0  
Date Analyzed: 06/26/2009 1332  
Date Prepared: 06/24/2009 1256

Analysis Batch: 220-28563  
Prep Batch: 220-28448

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 2.00 g  
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		1.5	UJ ✓	0.074	1.5
Aluminum		2790		3.0	74.5
Arsenic		6.3	U	2.0	6.3
Barium		19.9 J ✓		0.074	1.5
Beryllium		0.53 J ✓		0.074	1.5
Calcium		666 J ✓		14.9	74.5
Cadmium		1.5	UJ ✓	0.30	1.5
Cobalt		5.3 J ✓		0.15	1.5
Chromium		11.5 J ✓		0.15	1.5
Copper		16.8 J ✓		0.57	1.8
Iron		25100		4.5	37.2
Potassium		448 J ✓		14.9	74.5
Magnesium		794		2.7	74.5
Manganese		555		0.074	2.2
Sodium		74.5	UJ ✓	14.9	74.5
Nickel		5.6 J ✓		0.30	1.5
Lead		5.9 J ✓		0.92	4.5
Antimony		4.9	UJ ✓	1.5	4.9
Selenium		11.2	U	3.7	11.2
Thallium		4.5	U	1.0	4.5
Vanadium		21.5 J ✓		0.30	1.5
Zinc		23.8 J ✓		1.5	7.4

KP 8/24/09

### 7471A Mercury (CVAA)

Method: 7471A  
Preparation: 7471A  
Dilution: 1.0  
Date Analyzed: 07/08/2009 1033  
Date Prepared: 07/07/2009 1130

Analysis Batch: 220-28850  
Prep Batch: 220-28801

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 0.62 g  
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.0078	J ✓	0.0046	0.058

KP 8/24/09

Jan  
8/11/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1  
Sdg Number: 220-9438

**Client Sample ID:** WWMW-03 (2-5)

Lab Sample ID: 220-9438-5  
Client Matrix: Solid

% Moisture: 12.9

Date Sampled: 06/23/2009 1530  
Date Received: 06/25/2009 1700

### 6010B Metals (ICP)

Method: 6010B	Analysis Batch: 220-28688	Instrument ID: ICAP3
Preparation: 3050B	Prep Batch: 220-28575	Lab File ID: N/A
Dilution: 1.0		Initial Weight/Volume: 2.07 g
Date Analyzed: 07/01/2009 1322		Final Weight/Volume: 250 mL
Date Prepared: 06/29/2009 1049		

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.27	J ✓	0.069	1.4
Aluminum		7820		2.8	69.4
Arsenic		7.8	J ✓	1.9	5.8
Barium		159	J ✓	0.069	1.4
Beryllium		0.40	J ✓	0.069	1.4
Calcium		15100	J ✓	13.9	69.4
Cadmium		0.60	J ✓	0.28	1.4
Cobalt		5.2		0.14	1.4
Chromium		14.8	J ✓	0.14	1.4
Copper		50.0	J ✓	0.53	1.7
Iron		14000		4.2	34.7
Potassium		1150	J ✓	13.9	69.4
Magnesium		3820		2.5	69.4
Manganese		261		0.069	2.1
Sodium		595	J ✓	13.9	69.4
Nickel		13.2	J ✓	0.28	1.4
Lead		459	J ✓	0.86	4.2
Antimony		4.6	U J ✓	1.4	4.6
Selenium		10.4	U J ✓	3.5	10.4
Thallium		<del>2.4</del> 4.2	J ✓	0.97	4.2
Vanadium		21.0	J ✓	0.28	1.4
Zinc		258	J ✓	1.4	6.9

*KP 8/24/09*

### 7471A Mercury (CVAA)

Method: 7471A	Analysis Batch: 220-28850	Instrument ID: MERC1
Preparation: 7471A	Prep Batch: 220-28801	Lab File ID: N/A
Dilution: 1.0		Initial Weight/Volume: 0.64 g
Date Analyzed: 07/08/2009 1034		Final Weight/Volume: 50 mL
Date Prepared: 07/07/2009 1130		

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.65	J ✓	0.0043	0.054

*KP 8/24/09*

*Jam 8/14/09*



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1  
Sdg Number: 220-9438

Client Sample ID: **WWW-03 (28-30)**

Lab Sample ID: 220-9438-6  
Client Matrix: Solid

% Moisture: 20.0

Date Sampled: 06/24/2009 1045  
Date Received: 06/25/2009 1700

### 6010B Metals (ICP)

Method: 6010B  
Preparation: 3050B  
Dilution: 1.0  
Date Analyzed: 07/01/2009 1325  
Date Prepared: 06/29/2009 1049

Analysis Batch: 220-28688  
Prep Batch: 220-28575

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 2.10 g  
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		1.5	U	0.074	1.5
Aluminum		3090		3.0	74.4
Arsenic		2.0	J ✓	2.0	6.3
Barium		20.8	J ✓	0.074	1.5
Beryllium		0.25	J ✓	0.074	1.5
Calcium		1320	J ✓	14.9	74.4
Cadmium		1.5	U	0.30	1.5
Cobalt		4.7		0.15	1.5
Chromium		9.4	J ✓	0.15	1.5
Copper		7.6	J ✓	0.57	1.8
Iron		8850		4.5	37.2
Potassium		576	J ✓	14.9	74.4
Magnesium		1140		2.7	74.4
Manganese		196		0.074	2.2
Sodium		71.0	J ✓	14.9	74.4
Nickel		8.6	J ✓	0.30	1.5
Lead		6.5	J ✓	0.92	4.5
Antimony		4.9	U J ✓	1.5	4.9
Selenium		11.2	U J ✓	3.7	11.2
Thallium		<del>2.3</del> 4.5	J ✓	1.0	4.5
Vanadium		16.5	J ✓	0.30	1.5
Zinc		19.5	J ✓	1.5	7.4

*KP*  
8/24/09

### 7471A Mercury (CVAA)

Method: 7471A  
Preparation: 7471A  
Dilution: 1.0  
Date Analyzed: 07/08/2009 1036  
Date Prepared: 07/07/2009 1130

Analysis Batch: 220-28850  
Prep Batch: 220-28801

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 0.60 g  
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.0055	J ✓	0.0050	0.063

*KP*  
8/24/09

*Jam*  
8/24/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1  
Sdg Number: 220-9438

Client Sample ID: **WWSB-11 (1-2)**

Lab Sample ID: 220-9438-7  
Client Matrix: Solid

% Moisture: 13.1

Date Sampled: 06/25/2009 1315  
Date Received: 06/25/2009 1700

### 6010B Metals (ICP)

Method: 6010B  
Preparation: 3050B  
Dilution: 1.0  
Date Analyzed: 07/01/2009 1328  
Date Prepared: 06/29/2009 1049

Analysis Batch: 220-28688  
Prep Batch: 220-28575

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 2.06 g  
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.61	J ✓	0.070	1.4
Aluminum		7050		2.8	69.8
Arsenic		20.5	J ✓	1.9	5.9
Barium		168	J ✓	0.070	1.4
Beryllium		0.42	J ✓	0.070	1.4
Calcium		6690	J ✓	14.0	69.8
Cadmium		0.80	J ✓	0.28	1.4
Cobalt		7.4		0.14	1.4
Chromium		18.3	J ✓	0.14	1.4
Copper		102	J ✓	0.53	1.7
Iron		20100		4.2	34.9
Potassium		1540	J ✓	14.0	69.8
Magnesium		3340		2.5	69.8
Manganese		413		0.070	2.1
Sodium		363	J ✓	14.0	69.8
Nickel		18.7	J ✓	0.28	1.4
Lead		2140	J ✓	0.87	4.2
Antimony		2.3	J ✓	1.4	4.6
Selenium		10.5	U ✓	3.5	10.5
Thallium		<del>3.0</del> 4.2	J ✓	0.98	4.2
Vanadium		24.2	J ✓	0.28	1.4
Zinc		458	J ✓	1.4	7.0

K.P. 8/24/09

### 7471A Mercury (CVAA)

Method: 7471A  
Preparation: 7471A  
Dilution: 5.0  
Date Analyzed: 07/08/2009 1154  
Date Prepared: 07/07/2009 1130

Analysis Batch: 220-28850  
Prep Batch: 220-28801

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 0.61 g  
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		1.3	J ✓	0.023	0.28

K.P. 8/24/09

J.M. 8/12/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1  
Sdg Number: 220-9438

Client Sample ID: **WWMW-03 (60-63)**

Lab Sample ID: 220-9438-9

Date Sampled: 06/26/2009 1200

Client Matrix: Solid

% Moisture: 19.9

Date Received: 06/26/2009 2025

### 6010B Metals (ICP)

Method: 6010B  
Preparation: 3050B  
Dilution: 1.0  
Date Analyzed: 07/01/2009 1331  
Date Prepared: 06/29/2009 1049

Analysis Batch: 220-28688  
Prep Batch: 220-28575

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 2.01 g  
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.53	J ✓	0.078	1.6
Aluminum		2600		3.1	77.6
Arsenic		3.4	J ✓	2.1	6.5
Barium		17.1 J ✓		0.078	1.6
Beryllium		0.58	J ✓	0.078	1.6
Calcium		554 J ✓		15.5	77.6
Cadmium		1.6	U J ✓	0.31	1.6
Cobalt		4.8 J ✓		0.16	1.6
Chromium		14.1 J J ✓		0.16	1.6
Copper		10 J J ✓		0.59	1.9
Iron		40300		4.7	38.8
Potassium		271 J ✓		15.5	77.6
Magnesium		540		2.8	77.6
Manganese		550		0.078	2.3
Sodium		77.6	U	15.5	77.6
Nickel		5.8 J ✓		0.31	1.6
Lead		6.5 J ✓		0.96	4.7
Antimony		5.1	U J ✓	1.6	5.1
Selenium		11.6	U J ✓	3.9	11.6
Thallium		2.4 4.1 U J ✓	J	1.1	4.7
Vanadium		27.4 J ✓		0.31	1.6
Zinc		33.0 J ✓		1.6	7.8

KP 6/24/09

### 7471A Mercury (CVAA)

Method: 7471A  
Preparation: 7471A  
Dilution: 1.0  
Date Analyzed: 07/08/2009 1038  
Date Prepared: 07/07/2009 1130

Analysis Batch: 220-28850  
Prep Batch: 220-28801

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 0.63 g  
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.0080	J	0.0048	0.059

KP 6/24/09

JAM 8/14/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1  
Sdg Number: 220-9438

Client Sample ID: **WWMW-XX**

Lab Sample ID: 220-9438-10  
Client Matrix: Solid

% Moisture: 5.0

Date Sampled: 06/26/2009 1215  
Date Received: 06/26/2009 2025

### 6010B Metals (ICP)

Method: 6010B  
Preparation: 3050B  
Dilution: 1.0  
Date Analyzed: 07/01/2009 1334  
Date Prepared: 06/29/2009 1049

Analysis Batch: 220-28688  
Prep Batch: 220-28575

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 2.00 g  
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.38	J ✓	0.066	1.3
Aluminum		2910	J ✓	2.6	65.8
Arsenic		2.7	J ✓	1.8	5.5
Barium		16.2	J ✓	0.066	1.3
Beryllium		0.58	J ✓	0.066	1.3
Calcium		499	J ✓	13.2	65.8
Cadmium		1.3	UJ ✓	0.26	1.3
Cobalt		4.6	J ✓	0.13	1.3
Chromium		16.5	J ✓	0.13	1.3
Copper		9.6	J ✓	0.50	1.6
Iron		38800	J ✓	3.9	32.9
Potassium		227	J ✓	13.2	65.8
Magnesium		475	J ✓	2.4	65.8
Manganese		409	J ✓	0.066	2.0
Sodium		65.8	U	13.2	65.8
Nickel		5.5	J ✓	0.26	1.3
Lead		6.2	J ✓	0.82	3.9
Antimony		4.3	UJ ✓	1.3	4.3
Selenium		4.6	J ✓	3.3	9.9
Thallium		3.9	UJ ✓	0.92	3.9
Vanadium		25.5	J ✓	0.26	1.3
Zinc		31.1	J ✓	1.3	6.6

KCP 8/24/09

### 7471A Mercury (CVAA)

Method: 7471A  
Preparation: 7471A  
Dilution: 1.0  
Date Analyzed: 07/08/2009 1039  
Date Prepared: 07/07/2009 1130

Analysis Batch: 220-28850  
Prep Batch: 220-28801

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 0.60 g  
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.053	UJ ✓	0.0042	0.053

KCP 8/24/09

Jan 8/14/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1

Sdg Number: 220-9438

Client Sample ID: **WWSB-10 (2-3)**

Lab Sample ID: 220-9438-11

Date Sampled: 06/26/2009 1520

Client Matrix: Solid

% Moisture: 12.7

Date Received: 06/26/2009 2025

### 6010B Metals (ICP)

Method: 6010B  
Preparation: 3050B  
Dilution: 1.0  
Date Analyzed: 07/06/2009 1238  
Date Prepared: 07/01/2009 1025

Analysis Batch: 220-28783  
Prep Batch: 220-28668

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 2.00 g  
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.38	J ✓	0.072	1.4
Aluminum		6040		2.9	71.6
Arsenic		7.6	J ✓	1.9	6.0
Barium		57.3	J ✓	0.072	1.4
Beryllium		0.31	J ✓	0.072	1.4
Calcium		30900	J ✓	14.3	71.6
Cadmium		1.4	U	0.29	1.4
Cobalt		5.5		0.14	1.4
Chromium		13.9	J ✓	0.14	1.4
Copper		36.2	J ✓	0.54	1.7
Iron		17600		4.3	35.8
Potassium		720	J ✓	14.3	71.6
Magnesium		5010		2.6	71.6
Manganese		409		0.072	2.1
Sodium		1020	J ✓	14.3	71.6
Nickel		17.3	J ✓	0.29	1.4
Lead		903	J ✓	0.89	4.3
Antimony		4.7	U J ✓	1.5	4.7
Selenium		10.7	U J ✓	3.6	10.7
Thallium		2.3 4.3U ✓	J ✓	1.0	4.3
Vanadium		17.1	J ✓	0.29	1.4
Zinc		90.6	J ✓	1.4	7.2

### 7471A Mercury (CVAA)

Method: 7471A  
Preparation: 7471A  
Dilution: 1.0  
Date Analyzed: 07/08/2009 1042  
Date Prepared: 07/07/2009 1130

Analysis Batch: 220-28850  
Prep Batch: 220-28801

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 0.62 g  
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.57	J ✓	0.0044	0.055

ICP  
8/24/09

JSM  
8/24/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1  
Sdg Number: 220-9438

**Client Sample ID: WWSB-9 (2-4)**

Lab Sample ID: 220-9438-12  
Client Matrix: Solid

% Moisture: 15.2

Date Sampled: 06/26/2009 1415  
Date Received: 06/26/2009 2025

### 6010B Metals (ICP)

Method: 6010B	Analysis Batch: 220-28783	Instrument ID: ICAP3
Preparation: 3050B	Prep Batch: 220-28668	Lab File ID: N/A
Dilution: 1.0		Initial Weight/Volume: 2.01 g
Date Analyzed: 07/06/2009 1303		Final Weight/Volume: 250 mL
Date Prepared: 07/01/2009 1029		

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.21	J ✓	0.073	1.5
Aluminum		5260		2.9	73.3
Arsenic		20.4 J ✓		2.0	6.2
Barium		81.9 J ✓		0.073	1.5
Beryllium		0.47	J ✓	0.073	1.5
Calcium		22500 J ✓		14.7	73.3
Cadmium		1.5	U	0.29	1.5
Cobalt		4.2		0.15	1.5
Chromium		10.7 J ✓		0.15	1.5
Copper		36.2 J ✓		0.56	1.8
Iron		13000		4.4	36.7
Potassium		844 J ✓		14.7	73.3
Magnesium		2070		2.7	73.3
Manganese		190		0.073	2.2
Sodium		401 J ✓		14.7	73.3
Nickel		11.4 J ✓		0.29	1.5
Lead		129 J ✓		0.91	4.4
Antimony		4.8	U J ✓	1.5	4.8
Selenium		11.0	U J ✓	3.7	11.0
Thallium		<del>1.4</del> 4.4 U ✓	J ✓	1.0	4.4
Vanadium		16.2 J ✓		0.29	1.5
Zinc		59.4 J ✓		1.5	7.3

KP 7/24/09

### 7471A Mercury (CVAA)

Method: 7471A	Analysis Batch: 220-28850	Instrument ID: MERC1
Preparation: 7471A	Prep Batch: 220-28801	Lab File ID: N/A
Dilution: 1.0		Initial Weight/Volume: 0.65 g
Date Analyzed: 07/08/2009 1047		Final Weight/Volume: 50 mL
Date Prepared: 07/07/2009 1130		

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.74 J ✓		0.0044	0.054

KP 8/24/09

Jan 8/24/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1  
Sdg Number: 220-9438

**Client Sample ID: FB-062609**

Lab Sample ID: 220-9438-13FB  
Client Matrix: Water

Date Sampled: 06/26/2009 1600  
Date Received: 06/26/2009 2025

### 6010B Metals (ICP)

Method: 6010B	Analysis Batch: 220-28783	Instrument ID: ICAP3
Preparation: 3010A	Prep Batch: 220-28654	Lab File ID: N/A
Dilution: 1.0		Initial Weight/Volume: 100 mL
Date Analyzed: 07/06/2009 1322		Final Weight/Volume: 50 mL
Date Prepared: 06/30/2009 1253		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	0.25	5.0
Aluminum	250	U	10.0	250
Arsenic	15.0	U	4.0	15.0
Barium	0.50	J ✓	0.25	5.0
Beryllium	5.0	U	0.25	5.0
Calcium	55.5	J ✓	50.0	250
Cadmium	5.0	U	1.0	5.0
Cobalt	5.0	U	0.50	5.0
Chromium	0.81	J ✓	0.50	5.0
Copper	1.6	J ✓	1.5	10.0
Iron	17.7	J ✓	15.0	125
Potassium	250	U	50.0	250
Magnesium	250	U	5.0	250
Manganese	0.43	J ✓	0.25	8.0
Sodium	250	U	50.0	250
Nickel	5.0	U	1.0	5.0
Lead	4.0	J ✓	2.5	15.0
Antimony	15.0	U	5.0	15.0
Selenium	38.0	U J ✓	12.5	38.0
Thallium	15.0	U	3.5	15.0
Vanadium	5.0	U	1.0	5.0
Zinc	5.2	J ✓	5.0	25.0

KP  
8/24/09

### 7470A Mercury (CVAA)

Method: 7470A	Analysis Batch: 220-28811	Instrument ID: MERC1
Preparation: 7470A	Prep Batch: 220-28747	Lab File ID: N/A
Dilution: 1.0		Initial Weight/Volume: 25 mL
Date Analyzed: 07/07/2009 1202		Final Weight/Volume: 50 mL
Date Prepared: 07/06/2009 1100		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.060	0.20

KP  
8/24/09

Jam  
8/12/09

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1  
Sdg Number: 220-9438

Client Sample ID: WWMW-07 (4-5)

Date Sampled: 06/22/2009 0945  
Date Received: 06/23/2009 1700

Lab Sample ID: 220-9438-1  
Client Matrix: Solid

% Moisture: 18.6

## 8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch: 220-29050	Instrument ID:	GC7
Preparation:	3550B	Prep Batch: 220-28416	Initial Weight/Volume:	30.21 g
Dilution:	1.0		Final Weight/Volume:	10 mL
Date Analyzed:	07/14/2009 2302		Injection Volume:	1.0 uL
Date Prepared:	06/24/2009 0921		Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		4.0	U J ✓	0.72	4.0
4,4'-DDE		4.0	U ✓	0.82	4.0
4,4'-DDT		14 JN ✓	p ✓	0.99	4.0
Aldrin		2.1	U ✓	0.22	2.1
alpha-BHC		2.1	U ✓	0.30	2.1
beta-BHC		2.7 J ✓	U ✓	0.46	2.1
delta-BHC		2.1	U ✓	0.45	2.1
Dieldrin		<del>2.3</del> 4.0 U J ✓	J p ✓	0.70	4.0
Endosulfan I		2.1	U ✓	0.36	2.1
Endosulfan II		8.7 JN ✓	p ✓	0.76	4.0
Endosulfan sulfate		17 J ✓	U ✓	0.72	4.0
Endrin		7.4 JN ✓	p ✓	0.75	4.0
Endrin ketone		19 J ✓	p ✓	0.74	4.0
gamma-BHC (Lindane)		2.1	U ✓	0.35	2.1
Heptachlor		4.3 J ✓	p ✓	0.39	2.1
Heptachlor epoxide		2.1	U ✓	0.37	2.1
Methoxychlor		33 JN ✓	p ✓	4.5	21
Toxaphene		100	U ✓	11	100
alpha-Chlordane		2.1	U ✓	0.34	2.1
gamma-Chlordane		4.5 J ✓	U ✓	0.65	2.1
Surrogate		%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl		435	*	25 - 159	
Tetrachloro-m-xylene		87		24 - 154	

Handwritten notes:  
KP  
8/21/09  
Jan  
8/14/09

Analytical Data

Job Number: 220-9438-1  
Sdg Number: 220-9438

Client: GEI Consultants, Inc.

Client Sample ID: WWMW-03 (2-5)

Lab Sample ID: 220-9438-5  
Client Matrix: Solid

% Moisture: 12.9

Date Sampled: 06/23/2009 1530  
Date Received: 06/25/2009 1700

8081A Organochlorine Pesticides (GC)

Method: 8081A  
Preparation: 3550B  
Dilution: 1.0  
Date Analyzed: 07/08/2009 1927  
Date Prepared: 06/26/2009 0742

Analysis Batch: 220-29136  
Prep Batch: 220-28527

Instrument ID: GC8  
Initial Weight/Volume: 30.16 g  
Final Weight/Volume: 10 mL  
Injection Volume: 1.0 uL  
Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Endrin aldehyde		11 J	Ø	0.46	3.8

RP  
8/21/09

Jan  
8/24/09



# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1

Sdg Number: 220-9438

Client Sample ID: WWMW-03 (2-5)

Lab Sample ID: 220-9438-5

Client Matrix: Solid

% Moisture: 12.9

Date Sampled: 06/23/2009 1530

Date Received: 06/25/2009 1700

## 8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch:	220-29050	Instrument ID:	GC7
Preparation:	3550B	Prep Batch:	220-28527	Initial Weight/Volume:	30.16 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	07/14/2009 2322			Injection Volume:	1.0 uL
Date Prepared:	06/26/2009 0742			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		3.8	U J ✓	0.68	3.8
4,4'-DDE		3.8	U	0.77	3.8
4,4'-DDT		9.9	JN ✓	0.93	3.8
Aldrin		1.9	U	0.21	1.9
alpha-BHC		1.9	U	0.28	1.9
beta-BHC		1.9	U J ✓	0.43	1.9
delta-BHC		1.9	U	0.42	1.9
Dieldrin		5.7	J ✓	0.65	3.8
Endosulfan I		8.4	J ✓	0.33	1.9
Endosulfan II		10	J ✓	0.71	3.8
Endosulfan sulfate		9.3	JN ✓	0.68	3.8
Endrin		4.6	JN ✓	0.70	3.8
Endrin ketone		15	J ✓	0.69	3.8
gamma-BHC (Lindane)		1.9	U	0.33	1.9
Heptachlor		1.9	U	0.36	1.9
Heptachlor epoxide		1.9	U ✓	0.34	1.9
Methoxychlor		17	J ✓	4.2	19
Toxaphene		95	U	10	95
alpha-Chlordane		1.9	U	0.31	1.9
gamma-Chlordane		3.1	J ✓	0.61	1.9

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	425	*	25 - 159
Tetrachloro-m-xylene	98		24 - 154

KP  
8/21/09

Jan  
8/24/09

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1  
Sdg Number: 220-9438

Client Sample ID: **WWSB-11 (1-2)**

Lab Sample ID: 220-9438-7  
Client Matrix: Solid

% Moisture: 13.1

Date Sampled: 06/25/2009 1315  
Date Received: 06/25/2009 1700

## 8081A Organochlorine Pesticides (GC)

Method: 8081A  
Preparation: 3550B  
Dilution: 1.0  
Date Analyzed: 07/08/2009 1952  
Date Prepared: 06/26/2009 0742

Analysis Batch: 220-29136  
Prep Batch: 220-28527

Instrument ID: GC8  
Initial Weight/Volume: 30.16 g  
Final Weight/Volume: 10 mL  
Injection Volume: 1.0 uL  
Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Endrin aldehyde		3.6 <b>3.8 U</b> ✓	<b>Jp</b> ✓	0.47	3.8

JP  
8/21/09

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1  
Sdg Number: 220-9438

Client Sample ID: **WWW-07 (4-5)**

Lab Sample ID: 220-9438-1

Date Sampled: 06/22/2009 0945

Client Matrix: Solid

% Moisture: 18.6

Date Received: 06/23/2009 1700

## 8081A Organochlorine Pesticides (GC)

Method: 8081A

Analysis Batch: 220-29136

Instrument ID: GC8

Preparation: 3550B

Prep Batch: 220-28416

Initial Weight/Volume: 30.21 g

Dilution: 1.0

Final Weight/Volume: 10 mL

Date Analyzed: 07/08/2009 2159

Injection Volume: 1.0 uL

Date Prepared: 06/24/2009 0921

Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Endrin aldehyde		23 <b>J</b>		0.50	4.0

KP  
8/21/09

JAM  
8/14/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1  
Sdg Number: 220-9438

Client Sample ID: **WWSB-11 (1-2)**

Lab Sample ID: 220-9438-7  
Client Matrix: Solid

% Moisture: 13.1

Date Sampled: 06/25/2009 1315  
Date Received: 06/25/2009 1700

### 8081A Organochlorine Pesticides (GC)

Method: 8081A	Analysis Batch: 220-29050	Instrument ID: GC7
Preparation: 3550B	Prep Batch: 220-28527	Initial Weight/Volume: 30.16 g
Dilution: 1.0		Final Weight/Volume: 10 mL
Date Analyzed: 07/14/2009 2342		Injection Volume: 1.0 µL
Date Prepared: 06/26/2009 0742		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		3.8	U J ✓	0.68	3.8
4,4'-DDE		3.8	U	0.77	3.8
4,4'-DDT		15 JN	P ✓	0.93	3.8
Aldrin		1.9	U	0.21	1.9
alpha-BHC		1.9	U	0.28	1.9
beta-BHC		1.9	U J ✓	0.43	1.9
delta-BHC		1.9	U	0.42	1.9
Dieldrin		3.8	U J ✓	0.65	3.8
Endosulfan I		1.9	U	0.33	1.9
Endosulfan II		3.8	U J ✓	0.71	3.8
Endosulfan sulfate		5.1 JN	P ✓	0.68	3.8
Endrin		4.6 J	P ✓	0.71	3.8
Endrin ketone		11 JN	P ✓	0.69	3.8
gamma-BHC (Lindane)		1.9	U	0.33	1.9
Heptachlor		1.9	U	0.37	1.9
Heptachlor epoxide		1.9	U	0.34	1.9
Methoxychlor		19	U	4.2	19
Toxaphene		95	U	10	95
alpha-Chlordane		1.9	U	0.31	1.9
gamma-Chlordane		1.9	U	0.61	1.9
Surrogate		%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl		361	P *	25 - 159	
Tetrachloro-m-xylene		87		24 - 154	

KP  
8/24/09  
JAN  
8/12/09

Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1  
Sdg Number: 220-9438

Client Sample ID: WWSB-10 (2-3)

Lab Sample ID: 220-9438-11  
Client Matrix: Solid

% Moisture: 12.7

Date Sampled: 06/26/2009 1520  
Date Received: 06/26/2009 2025

8081A Organochlorine Pesticides (GC)

Method: 8081A  
Preparation: 3550B  
Dilution: 1.0  
Date Analyzed: 07/15/2009 1752  
Date Prepared: 07/14/2009 1206

Analysis Batch: 220-29123  
Prep Batch: 220-28975  
Run Type: RE

Instrument ID: GC8  
Initial Weight/Volume: 30.21 g  
Final Weight/Volume: 10 mL  
Injection Volume: 1.0 uL  
Result Type: SECONDARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Endrin aldehyde		12 <b>J</b>	<b>HP</b>	0.46	3.8
Surrogate		%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl		119		25 - 159	
DCB Decachlorobiphenyl		200	*	25 - 159	
Tetrachloro-m-xylene		150		24 - 154	
Tetrachloro-m-xylene		101		24 - 154	

*HP*  
*8/21/09*

Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1  
Sdg Number: 220-9438

Client Sample ID: WWSB-10 (2-3)

Lab Sample ID: 220-9438-11  
Client Matrix: Solid

% Moisture: 12.7

Date Sampled: 06/26/2009 1520  
Date Received: 06/26/2009 2025

8081A Organochlorine Pesticides (GC)

Method: 8081A  
Preparation: 3550B  
Dilution: 1.0  
Date Analyzed: 07/17/2009 0028  
Date Prepared: 07/14/2009 1206

Analysis Batch: 220-29110  
Prep Batch: 220-28975  
Run Type: RE

Instrument ID: GC8  
Initial Weight/Volume: 30.21 g  
Final Weight/Volume: 10 mL  
Injection Volume: 1.0 uL  
Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Heptachlor		1.9 <i>J</i>	<del>JH</del>	0.36	1.9
Heptachlor epoxide		1.9 <i>UJ</i>	<del>UH</del>	0.34	1.9

*JP*  
*8/24/09*

*Jam*  
*8/24/09*



# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1  
Sdg Number: 220-9438

Client Sample ID: WWSB-10 (2-3)

Lab Sample ID: 220-9438-11  
Client Matrix: Solid

% Moisture: 12.7

Date Sampled: 06/26/2009 1520  
Date Received: 06/26/2009 2025

## 8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch: 220-29110	Instrument ID:	GC8
Preparation:	3550B	Prep Batch: 220-28975	Initial Weight/Volume:	30.21 g
Dilution:	1.0	Run Type: RE	Final Weight/Volume:	10 mL
Date Analyzed:	07/17/2009 0028		Injection Volume:	1.0 uL
Date Prepared:	07/14/2009 1206		Result Type:	SECONDARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		<del>1.3</del> 3.8 UJ ✓	<del>JHp</del>	0.68	3.8
4,4'-DDE		3.8 UJ ✓	UH	0.76	3.8
4,4'-DDT		3.8 UJ ✓	UH	0.92	3.8
Aldrin		1.9 UJ ✓	UH	0.21	1.9
alpha-BHC		1.9 UJ ✓	UH	0.28	1.9
beta-BHC		2.3 JN ✓	Hp	0.43	1.9
delta-BHC		7.3 J ✓	H	0.42	1.9
Dieldrin		3.9 J ✓	H	0.65	3.8
Endosulfan I		1.9 UJ ✓	UH	0.33	1.9
Endosulfan II		<del>3.7</del> 3.8 UJ ✓	<del>JHp</del>	0.71	3.8
Endosulfan sulfate		3.8 UJ ✓	UH	0.68	3.8
Endrin		3.8 UJ ✓	UH	0.70	3.8
Endrin ketone		3.8 UJ ✓	UH	0.69	3.8
gamma-BHC (Lindane)		8.7 J ✓	H	0.33	1.9
Methoxychlor		21 J ✓	Hp	4.2	19
Toxaphene		94 UJ ✓	UH	10	94
alpha-Chlordane		1.9 UJ ✓	UH	0.31	1.9
gamma-Chlordane		3.9 JN ✓	Hp	0.60	1.9
Surrogate		%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl		154	p	25 - 159	
DCB Decachlorobiphenyl		309	*	25 - 159	
Tetrachloro-m-xylene		177	*	24 - 154	
Tetrachloro-m-xylene		58	p	24 - 154	

*Handwritten:* KP  
8/21/09

*Handwritten:* Jem  
8/12/09

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1  
Sdg Number: 220-9438

Client Sample ID: **WWSB-10 (2-3)**

Lab Sample ID: 220-9438-11  
Client Matrix: Solid

% Moisture: 12.7

Date Sampled: 06/26/2009 1520  
Date Received: 06/26/2009 2025

## 8081A Organochlorine Pesticides (GC)

Method: 8081A  
Preparation: 3550B  
Dilution: 1.0  
Date Analyzed: 07/21/2009 2057  
Date Prepared: 06/29/2009 0943

Analysis Batch: 220-29273  
Prep Batch: 220-28573

Instrument ID: GC7  
Initial Weight/Volume: 30.21 g  
Final Weight/Volume: 10 mL  
Injection Volume: 1.0 uL  
Result Type: PRIMARY

*do not report*

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		3.8	U	0.68	3.8
4,4'-DDE		2.6 <i>3.8U</i> ✓	J-P	0.76	3.8
4,4'-DDT		5.6 <i>JN</i> ✓	P	0.92	3.8
Aldrin		1.9	U	0.21	1.9
alpha-BHC		1.9	U	0.28	1.9
beta-BHC		5.0 <i>JN</i> ✓	P	0.43	1.9
delta-BHC		4.8 <i>JN</i> ✓	P	0.42	1.9
Dieldrin		5.5 <i>JN</i> ✓		0.65	3.8
Endosulfan I		8.8 <i>JN</i> ✓	P	0.33	1.9
Endosulfan II		8.4 <i>JN</i> ✓	P	0.71	3.8
Endosulfan sulfate		13 <i>JN</i> ✓		0.68	3.8
Endrin		9.1 <i>JN</i> ✓		0.70	3.8
Endrin ketone		9.8 <i>JN</i> ✓	P	0.69	3.8
gamma-BHC (Lindane)		5.1 <i>JN</i> ✓	P	0.33	1.9
Methoxychlor		31 <i>JN</i> ✓	P	4.2	19
Toxaphene		94	U	10	94
alpha-Chlordane		1.9	U	0.31	1.9
gamma-Chlordane		3.8 <i>JN</i> ✓	P	0.60	1.9
Surrogate		%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl		551	*	25 - 159	
Tetrachloro-m-xylene		83	P	24 - 154	

*CP*  
*8/4/09*

*Jan*  
*8/14/09*

Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1  
Sdg Number: 220-9438

Client Sample ID: WWSB-10 (2-3)

Lab Sample ID: 220-9438-11  
Client Matrix: Solid

% Moisture: 12.7

Date Sampled: 06/26/2009 1520  
Date Received: 06/26/2009 2025

8081A Organochlorine Pesticides (GC)

Method: 8081A  
Preparation: 3550B  
Dilution: 1.0  
Date Analyzed: 07/08/2009 2018  
Date Prepared: 06/29/2009 0943

Analysis Batch: 220-29136  
Prep Batch: 220-28573

Instrument ID: GC8  
Initial Weight/Volume: 30.21 g  
Final Weight/Volume: 10 mL  
Injection Volume: 1.0 uL  
Result Type: PRIMARY

*do not report*

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Endrin aldehyde		25 <i>JN</i>	p-	0.46	3.8



# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1

Sdg Number: 220-9438

Client Sample ID: **WWSB-9 (2-4)**

Lab Sample ID: 220-9438-12

Client Matrix: Solid

% Moisture: 15.2

Date Sampled: 06/26/2009 1415

Date Received: 06/26/2009 2025

## 8081A Organochlorine Pesticides (GC)

Method: 8081A  
Preparation: 3550B  
Dilution: 1.0  
Date Analyzed: 07/08/2009 2134  
Date Prepared: 06/29/2009 0943

Analysis Batch: 220-29136  
Prep Batch: 220-28573

Instrument ID: GC8  
Initial Weight/Volume: 30.03 g  
Final Weight/Volume: 10 mL  
Injection Volume: 1.0 uL  
Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Endrin aldehyde		24 <b>J</b> ✓	<del>P</del>	0.48	3.9

*RP*  
*8/21/09*

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1  
Sdg Number: 220-9438

Client Sample ID: WWSB-9 (2-4)

Lab Sample ID: 220-9438-12  
Client Matrix: Solid

% Moisture: 15.2

Date Sampled: 06/26/2009 1415  
Date Received: 06/26/2009 2025

## 8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch: 220-29273	Instrument ID:	GC7
Preparation:	3550B	Prep Batch: 220-28573	Initial Weight/Volume:	30.03 g
Dilution:	1.0		Final Weight/Volume:	10 mL
Date Analyzed:	07/21/2009 2117		Injection Volume:	1.0 uL
Date Prepared:	06/29/2009 0943		Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		3.9	U	0.70	3.9
4,4'-DDE		3.9	U	0.79	3.9
4,4'-DDT		10 <i>J</i> ✓	<del>p</del>	0.95	3.9
Aldrin		2.0	U	0.21	2.0
alpha-BHC		<del>0.69</del> <i>2.0U</i> ✓	<del>Jp</del>	0.29	2.0
beta-BHC		<i>1.4</i> <i>2.0U</i> ✓	<del>Jp</del>	0.44	2.0
delta-BHC		2.0	U	0.43	2.0
Dieldrin		2.2	<i>J</i> ✓	0.67	3.9
Endosulfan I		2.7 <i>JN</i> ✓	<del>p</del>	0.34	2.0
Endosulfan II		3.9	U	0.73	3.9
Endosulfan sulfate		3.9	U	0.70	3.9
Endrin		9.9	U	0.73	3.9
Endrin ketone		74	U	0.71	3.9
gamma-BHC (Lindane)		<del>1.1</del> <i>2.0U</i> ✓	<del>Jp</del>	0.34	2.0
Heptachlor		2.0	U	0.38	2.0
Heptachlor epoxide		7.0 <i>J</i> ✓	<del>p</del>	0.35	2.0
Methoxychlor		20	U	4.3	20
Toxaphene		98	U	11	98
alpha-Chlordane		2.0	U	0.32	2.0
gamma-Chlordane		2.0	U	0.62	2.0
Surrogate		%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl		262	p *	25 - 159	
Tetrachloro-m-xylene		104		24 - 154	

*KP*  
*8/21/09*

*mem*  
*8/2/09*

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1

Sdg Number: 220-9438

Client Sample ID: **WMMW-07 (4-5)**

Lab Sample ID: 220-9438-1

Date Sampled: 06/22/2009 0945

Client Matrix: Solid

% Moisture: 18.6

Date Received: 06/23/2009 1700

### 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 220-29201	Instrument ID: GC9
Preparation:	3550B	Prep Batch: 220-28416	Initial Weight/Volume: 30.21 g
Dilution:	1.0		Final Weight/Volume: 10 mL
Date Analyzed:	07/20/2009 1707		Injection Volume: 1.0 uL
Date Prepared:	06/24/2009 0921		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		21	U	1.6	21
PCB-1221		21	U	1.6	21
PCB-1232		21	U	1.6	21
PCB-1242		21	U	1.6	21
PCB-1248		21	U	1.6	21
PCB-1254		21	U	1.8	21
PCB-1260		21	U	1.8	21

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	67		24 - 150
DCB Decachlorobiphenyl	117		24 - 150

KP  
8/21/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1

Sdg Number: 220-9438

Client Sample ID: **WWMW-03 (2-5)**

Lab Sample ID: 220-9438-5

Date Sampled: 06/23/2009 1530

Client Matrix: Solid

% Moisture: 12.9

Date Received: 06/25/2009 1700

### 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 220-28802	Instrument ID: GC9
Preparation:	3550B	Prep Batch: 220-28527	Initial Weight/Volume: 30.16 g
Dilution:	1.0		Final Weight/Volume: 10 mL
Date Analyzed:	07/06/2009 1819		Injection Volume: 1.0 uL
Date Prepared:	06/26/2009 0742		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		19	U	1.5	19
PCB-1221		19	U	1.5	19
PCB-1232		19	U	1.5	19
PCB-1242		19	U	1.5	19
PCB-1248		19	U	1.5	19
PCB-1254		19	U	1.6	19
PCB-1260		23	JN ✓ <del>P</del>	1.6	19
Surrogate		%Rec	Qualifier	Acceptance Limits	
Tetrachloro-m-xylene		130		24 - 150	
DCB Decachlorobiphenyl		166	*	24 - 150	

KP  
 8/21/09  
 Jan 8/14/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1

Sdg Number: 220-9438

Client Sample ID: WWSB-11 (1-2)

Lab Sample ID: 220-9438-7

Date Sampled: 06/25/2009 1315

Client Matrix: Solid

% Moisture: 13.1

Date Received: 06/25/2009 1700

### 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch:	220-28802	Instrument ID:	GC9
Preparation:	3550B	Prep Batch:	220-28527	Initial Weight/Volume:	30.16 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	07/06/2009 1838			Injection Volume:	1.0 uL
Date Prepared:	06/26/2009 0742			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		19	U	1.5	19
PCB-1221		19	U	1.5	19
PCB-1232		19	U	1.5	19
PCB-1242		19	U	1.5	19
PCB-1248		19	U	1.5	19
PCB-1254		19	U	1.6	19
PCB-1260		19	U	1.6	19

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	82		24 - 150
DCB Decachlorobiphenyl	181	*	24 - 150

KP  
8/21/09

JAM  
8/12/09

**Analytical Data**

Client: GEI Consultants, Inc.

Job Number: 220-9438-1  
Sdg Number: 220-9438

Client Sample ID: **WWSB-10 (2-3)**

Lab Sample ID: 220-9438-11  
Client Matrix: Solid

% Moisture: 12.7

Date Sampled: 06/26/2009 1520  
Date Received: 06/26/2009 2025

**8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Method:	8082	Analysis Batch:	220-29305	Instrument ID:	GC9
Preparation:	3550B	Prep Batch:	220-28573	Initial Weight/Volume:	30.21 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	07/06/2009 1857			Injection Volume:	1.0 uL
Date Prepared:	06/29/2009 0943			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		<del>19</del> <b>R</b>	<del>U</del>	1.5	19
PCB-1221		19	U	1.5	19
PCB-1232		19	U	1.5	19
PCB-1242		19	U	1.5	19
PCB-1248		19	U	1.5	19
PCB-1254		19	U	1.6	19
PCB-1260		19	U	1.6	19
Surrogate		%Rec	Qualifier	Acceptance Limits	
Tetrachloro-m-xylene		223	*	24 - 150	
DCB Decachlorobiphenyl		656	*	24 - 150	

*KP*  
*8/10/09*  
*Jan*  
*8/12/09*



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1

Sdg Number: 220-9438

**Client Sample ID:** WWSB-9 (2-4)

Lab Sample ID: 220-9438-12

Date Sampled: 06/26/2009 1415

Client Matrix: Solid

% Moisture: 15.2

Date Received: 06/26/2009 2025

### 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 220-29305	Instrument ID: GC9
Preparation:	3550B	Prep Batch: 220-28573	Initial Weight/Volume: 30.03 g
Dilution:	2.0		Final Weight/Volume: 10 mL
Date Analyzed:	07/20/2009 1726		Injection Volume: 1.0 uL
Date Prepared:	06/29/2009 0943		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		40	U	3.1	40
PCB-1221		40	U	3.1	40
PCB-1232		40	U	3.1	40
PCB-1242		40	U	3.1	40
PCB-1248		40	U	3.1	40
PCB-1254		40	U	3.4	40
PCB-1260		40	U	3.4	40
PCB-1268		540		3.4	40

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	88		24 - 150
DCB Decachlorobiphenyl	227	*	24 - 150

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Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1  
Sdg Number: 220-9438

General Chemistry

Client Sample ID: WWMW-07 (4-5)

Lab Sample ID: 220-9438-1  
Client Matrix: Solid

% Moisture: 18.6

Date Sampled: 06/22/2009 0945  
Date Received: 06/23/2009 1700

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	241	U	ug/Kg	24.5	241	1.0	D4282_02
Analysis Batch: 220-28552		Date Analyzed: 06/26/2009 1648		DryWt Corrected: Y			
Prep Batch: 220-28555		Date Prepared: 06/26/2009 1130					

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	18.6		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-28475		Date Analyzed: 06/24/2009 1613		DryWt Corrected: N			
Percent Solids	81.4		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-28475		Date Analyzed: 06/24/2009 1613		DryWt Corrected: N			

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**Analytical Data**

Client: GEI Consultants, Inc.

Job Number: 220-9438-1  
Sdg Number: 220-9438

**General Chemistry**

Client Sample ID: **WMMW-07 (48.5-49.5)**

Lab Sample ID: 220-9438-3  
Client Matrix: Solid

% Moisture: 24.5

Date Sampled: 06/23/2009 1015  
Date Received: 06/23/2009 1700

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	264	U	ug/Kg	26.8	264	1.0	D4282_02
				Date Analyzed: 06/26/2009 1649		DryWt Corrected: Y	
				Date Prepared: 06/26/2009 1130			

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	24.5		%	0.10	0.10	1.0	Moisture
				Date Analyzed: 06/24/2009 1613		DryWt Corrected: N	
Percent Solids	75.5		%	0.10	0.10	1.0	Moisture
				Date Analyzed: 06/24/2009 1613		DryWt Corrected: N	

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**Analytical Data**

Client: GEI Consultants, Inc.

Job Number: 220-9438-1  
Sdg Number: 220-9438

**General Chemistry**

Client Sample ID: **WWMW-07 (59-60)**

Lab Sample ID: 220-9438-4  
Client Matrix: Solid

% Moisture: 16.1

Date Sampled: 06/23/2009 1200  
Date Received: 06/23/2009 1700

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	233	U	ug/Kg	23.7	233	1.0	D4282_02
				Analysis Batch: 220-28552		Date Analyzed: 06/26/2009 1651	
				Prep Batch: 220-28555		Date Prepared: 06/26/2009 1130	
DryWt Corrected: Y							

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	16.1		%	0.10	0.10	1.0	Moisture
				Analysis Batch: 220-28475		Date Analyzed: 06/24/2009 1613	
Percent Solids	83.9		%	0.10	0.10	1.0	Moisture
				Analysis Batch: 220-28475		Date Analyzed: 06/24/2009 1613	
DryWt Corrected: N							

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Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1  
Sdg Number: 220-9438

General Chemistry

Client Sample ID: WWMW-03 (2-5)

Lab Sample ID: 220-9438-5  
Client Matrix: Solid

Date Sampled: 06/23/2009 1530  
Date Received: 06/25/2009 1700

% Moisture: 12.9

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	<del>45.9</del> 2290	+	ug/Kg	23.3	229	1.0	D4282_02
Analysis Batch: 220-28810		Date Analyzed: 07/06/2009 1821		DryWt Corrected: Y			
Prep Batch: 220-28804		Date Prepared: 07/06/2009 1320					

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	12.9		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-28550		Date Analyzed: 06/26/2009 1511		DryWt Corrected: N			
Percent Solids	87.1		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-28550		Date Analyzed: 06/26/2009 1511		DryWt Corrected: N			

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1  
Sdg Number: 220-9438

### General Chemistry

Client Sample ID: **WWW-03 (28-30)**

Lab Sample ID: 220-9438-6

Client Matrix: Solid

Date Sampled: 06/24/2009 1045

Date Received: 06/25/2009 1700

% Moisture: 20.0

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	-50.0 250.0	+	ug/Kg	25.4	250	1.0	D4282_02
Analysis Batch: 220-28810		Date Analyzed: 07/06/2009 1821		DryWt Corrected: Y			
Prep Batch: 220-28804		Date Prepared: 07/06/2009 1320					

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	20.0		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-28550		Date Analyzed: 06/26/2009 1511		DryWt Corrected: N			
Percent Solids	80.0		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-28550		Date Analyzed: 06/26/2009 1511		DryWt Corrected: N			

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1

Sdg Number: 220-9438

### General Chemistry

Client Sample ID: WWSB-11 (1-2)

Lab Sample ID: 220-9438-7

Client Matrix: Solid

% Moisture: 13.1

Date Sampled: 06/25/2009 1315

Date Received: 06/25/2009 1700

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	<del>45.6</del> 2280	J	ug/Kg	23.2	228	1.0	D4282_02
	Analysis Batch: 220-28810		Date Analyzed: 07/06/2009 1822		DryWt Corrected: Y		
	Prep Batch: 220-28804		Date Prepared: 07/06/2009 1320				

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.1		%	0.10	0.10	1.0	Moisture
	Analysis Batch: 220-28550		Date Analyzed: 06/26/2009 1511		DryWt Corrected: N		
Percent Solids	86.9		%	0.10	0.10	1.0	Moisture
	Analysis Batch: 220-28550		Date Analyzed: 06/26/2009 1511		DryWt Corrected: N		

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**Analytical Data**

Client: GEI Consultants, Inc.

Job Number: 220-9438-1  
Sdg Number: 220-9438

**General Chemistry**

Client Sample ID: **WMMW-03 (60-63)**

Lab Sample ID: 220-9438-9  
Client Matrix: Solid

% Moisture: 19.9

Date Sampled: 06/26/2009 1200  
Date Received: 06/26/2009 2025

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	248	U	ug/Kg	25.2	248	1.0	D4282_02
				Date Analyzed: 07/06/2009 1823		DryWt Corrected: Y	
				Date Prepared: 07/06/2009 1320			

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	19.9		%	0.10	0.10	1.0	Moisture
				Date Analyzed: 06/29/2009 1523		DryWt Corrected: N	
Percent Solids	80.1		%	0.10	0.10	1.0	Moisture
				Date Analyzed: 06/29/2009 1523		DryWt Corrected: N	

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**Analytical Data**

Client: GEI Consultants, Inc.

Job Number: 220-9438-1  
Sdg Number: 220-9438

**General Chemistry**

Client Sample ID: WWMW-XX

Lab Sample ID: 220-9438-10

Client Matrix: Solid

% Moisture: 5.0

Date Sampled: 06/26/2009 1215

Date Received: 06/26/2009 2025

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	210	U	ug/Kg	21.4	210	1.0	D4282_02
Analysis Batch: 220-28810				Date Analyzed: 07/06/2009 1823		DryWt Corrected: Y	
Prep Batch: 220-28804				Date Prepared: 07/06/2009 1320			

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	5.0		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-28598				Date Analyzed: 06/29/2009 1523		DryWt Corrected: N	
Percent Solids	95.0		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-28598				Date Analyzed: 06/29/2009 1523		DryWt Corrected: N	

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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1  
Sdg Number: 220-9438

## General Chemistry

Client Sample ID: **WWSB-10 (2-3)**

Lab Sample ID: 220-9438-11

Client Matrix: Solid

% Moisture: 12.7

Date Sampled: 06/26/2009 1520

Date Received: 06/26/2009 2025

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	359		ug/Kg	22.8	225	1.0	D4282_02
	Analysis Batch: 220-28810		Date Analyzed: 07/06/2009 1825				DryWt Corrected: Y
	Prep Batch: 220-28804		Date Prepared: 07/06/2009 1320				

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	12.7		%	0.10	0.10	1.0	Moisture
	Analysis Batch: 220-28598		Date Analyzed: 06/29/2009 1523				DryWt Corrected: N
Percent Solids	87.3		%	0.10	0.10	1.0	Moisture
	Analysis Batch: 220-28598		Date Analyzed: 06/29/2009 1523				DryWt Corrected: N

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1  
Sdg Number: 220-9438

### General Chemistry

Client Sample ID: **WWSB-9 (2-4)**

Lab Sample ID: 220-9438-12

Client Matrix: Solid

% Moisture: 15.2

Date Sampled: 06/26/2009 1415

Date Received: 06/26/2009 2025

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	<del>46.7</del> 2.330	J	ug/Kg	23.7	233	1.0	D4282_02
	Analysis Batch: 220-28810	Date Analyzed: 07/06/2009 1827					DryWt Corrected: Y
	Prep Batch: 220-28804	Date Prepared: 07/06/2009 1320					

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	15.2		%	0.10	0.10	1.0	Moisture
	Analysis Batch: 220-28598	Date Analyzed: 06/29/2009 1523					DryWt Corrected: N
Percent Solids	84.8		%	0.10	0.10	1.0	Moisture
	Analysis Batch: 220-28598	Date Analyzed: 06/29/2009 1523					DryWt Corrected: N

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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9438-1  
Sdg Number: 220-9438

## General Chemistry

Client Sample ID: FB-062609

Lab Sample ID: 220-9438-13FB

Client Matrix: Water

Date Sampled: 06/26/2009 1600

Date Received: 06/26/2009 2025

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	10.0	U	ug/L	1.7	10.0	1.0	D4282_02

Analysis Batch: 220-28891      Date Analyzed: 07/08/2009 1654  
Prep Batch: 220-28888      Date Prepared: 07/08/2009 1210

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TestAmerica Connecticut

Client Sample ID: WMMW-07 (4-5)

GC Semivolatiles

Lot-Sample #...: A9F300118-001 Work Order #...: LFT9P1AC  
 Date Sampled...: 06/22/09 09:45 Date Received...: 06/30/09  
 Prep Date...: 07/01/09 Analysis Date...: 07/06/09  
 Prep Batch #...: 9182034  
 Dilution Factor: 1 Initial Wgt/Vol: 50.12 g  
 % Moisture...: 17 Method...: SW846 8151A

Matrix.....: SO

Final Wgt/Vol...: 100 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-D	ND	96	ug/kg	43
2,4,5-TP	ND	24	ug/kg	2.6
2,4,5-T	ND	24	ug/kg	3.9
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
2,4-Dichlorophenylacetic acid	84	(19 - 122)		

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

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TestAmerica Connecticut

Client Sample ID: WMMW-03 (2-5)

GC Semivolatiles

Lot-Sample #...: A9F300118-002 Work Order #...: LFT9X1AC  
Date Sampled...: 06/23/09 15:30 Date Received...: 06/30/09  
Prep Date.....: 07/01/09 Analysis Date...: 07/06/09  
Prep Batch #...: 9182034  
Dilution Factor: 1 Initial Wgt/Vol: 50.1 g  
% Moisture.....: 18 Method.....: SW846 8151A

Matrix.....: SO

Final Wgt/Vol...: 100 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-D	ND	98	ug/kg	44
2,4,5-TP	ND	25	ug/kg	2.7
2,4,5-T	ND	25	ug/kg	3.9
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
2,4-Dichlorophenylacetic acid	81	(19 - 122)		

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

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TestAmerica Connecticut

Client Sample ID: WWSB-11 (1-2)

GC Semivolatiles

Lot-Sample #...: A9F300118-003  
Date Sampled...: 06/25/09 13:15  
Prep Date.....: 07/01/09  
Prep Batch #...: 9182034  
Dilution Factor: 1  
% Moisture.....: 7.9

Work Order #...: LFT911AC  
Date Received...: 06/30/09  
Analysis Date...: 07/06/09  
Initial Wgt/Vol: 50.07 g  
Method.....: SW846 8151A

Matrix.....: SO

Final Wgt/Vol...: 100 mL

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
2,4-D	ND	87	ug/kg	39
2,4,5-TP	ND	22	ug/kg	2.4
2,4,5-T	ND	22	ug/kg	3.5
<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>		
2,4-Dichlorophenylacetic acid	83	(19 - 122)		

**NOTE (S) :**

Results and reporting limits have been adjusted for dry weight.

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TestAmerica Connecticut

Client Sample ID: WWSB-10 (2-3)

GC Semivolatiles

Lot-Sample #...: A9F300118-004    Work Order #...: LFT941AC    Matrix.....: SO  
Date Sampled...: 06/26/09 15:20    Date Received...: 06/30/09  
Prep Date.....: 07/01/09    Analysis Date...: 07/06/09  
Prep Batch #...: 9182034  
Dilution Factor: 1    Initial Wgt/Vol: 50.15 g    Final Wgt/Vol...: 100 mL  
% Moisture.....: 9.5    Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
2,4-D	ND	88	ug/kg	40
2,4,5-TP	ND	22	ug/kg	2.4
2,4,5-T	ND	22	ug/kg	3.5
	PERCENT	RECOVERY		
SURROGATE	RECOVERY	LIMITS		
2,4-Dichlorophenylacetic acid	85	(19 - 122)		

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

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TestAmerica Connecticut

Client Sample ID: WWSB-9 (2-4)

GC Semivolatiles

Lot-Sample #...: A9F300118-005    Work Order #...: LFVAF1AC    Matrix.....: SO  
Date Sampled...: 06/26/09 14:15    Date Received...: 06/30/09  
Prep Date.....: 07/01/09    Analysis Date...: 07/06/09  
Prep Batch #...: 9182034  
Dilution Factor: 1    Initial Wgt/Vol: 50 g    Final Wgt/Vol...: 100 mL  
% Moisture.....: 26    Method.....: SW846 8151A

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
2,4-D	ND	110	ug/kg	49
2,4,5-TP	ND	27	ug/kg	3.0
2,4,5-T	ND	27	ug/kg	4.3
	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>		
<u>SURROGATE</u> 2,4-Dichlorophenylacetic acid	79	(19 - 122)		

**NOTE (S) :**

Results and reporting limits have been adjusted for dry weight.

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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9499-1

Sdg Number: 220-9499

Client Sample ID: **WWSB-20 (3-5)**

Lab Sample ID: 220-9499-1

Date Sampled: 06/29/2009 1540

Client Matrix: Solid

% Moisture: 12.1

Date Received: 06/30/2009 1730

## 8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-28917	Instrument ID:	MSO
Preparation:	5030B		Lab File ID:	O1620.D
Dilution:	1.0		Initial Weight/Volume:	5 g
Date Analyzed:	07/09/2009 1836		Final Weight/Volume:	5 mL
Date Prepared:	07/09/2009 1836			

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	✓ 230	<del>13</del>	J-B ✓ UJ	2.5	23
Benzene		5.7	U	0.65	5.7
Bromodichloromethane		5.7	U	0.34	5.7
Bromoform		5.7	U	0.69	5.7
Bromomethane		5.7	U ✓	2.4	5.7
Methyl Ethyl Ketone		11	U ✓	1.8	11
Carbon disulfide		5.7	U	0.47	5.7
Carbon tetrachloride		5.7	U	1.1	5.7
Chlorobenzene		5.7	U	0.67	5.7
Chloroethane		5.7	U UJ ✓	1.1	5.7
Chloroform		5.7	U	0.39	5.7
Chloromethane		5.7	U	0.89	5.7
Dibromochloromethane		5.7	U	0.40	5.7
1,1-Dichloroethane		5.7	U	0.34	5.7
1,2-Dichloroethane		5.7	U	0.66	5.7
1,1-Dichloroethene		5.7	U	0.66	5.7
1,2-Dichloropropane		5.7	U	0.76	5.7
cis-1,3-Dichloropropene		5.7	U	0.64	5.7
trans-1,3-Dichloropropene		5.7	U	0.31	5.7
Ethylbenzene	✓	5.7	U	0.80	5.7
2-Hexanone	✓	11	U	1.4	11
Methylene Chloride	230	<del>8.8</del>	J-B ✓	1.2	23
methyl isobutyl ketone		5.7	U	0.63	5.7
Styrene		5.7	U	0.17	5.7
1,1,2,2-Tetrachloroethane		5.7	U	0.59	5.7
Tetrachloroethene		5.7	U	0.92	5.7
Toluene		0.16	J J ✓	0.084	5.7
1,1,1-Trichloroethane		5.7	U	0.60	5.7
1,1,2-Trichloroethane		5.7	U	0.42	5.7
Trichloroethene		5.7	U	0.92	5.7
Vinyl chloride		5.7	U	0.26	5.7
Xylenes, Total		5.7	U	0.55	5.7
cis-1,2-Dichloroethene		5.7	U	0.42	5.7
trans-1,2-Dichloroethene		5.7	U	0.44	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86		59 - 132
4-Bromofluorobenzene	74		34 - 124
Dibromofluoromethane	78		59 - 123
Toluene-d8 (Surr)	77		50 - 118

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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9499-1

Sdg Number: 220-9499

Client Sample ID: WWSB-22 (3-4)

Lab Sample ID: 220-9499-2

Date Sampled: 06/29/2009 1500

Client Matrix: Solid

% Moisture: 9.6

Date Received: 06/30/2009 1730

## 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 220-28917 Instrument ID: MSO  
 Preparation: 5030B Lab File ID: O1621.D  
 Dilution: 1.0 Initial Weight/Volume: 5 g  
 Date Analyzed: 07/09/2009 1901 Final Weight/Volume: 5 mL  
 Date Prepared: 07/09/2009 1901

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	220	6.6	J-B UJ	2.5	22
Benzene		5.5	U	0.63	5.5
Bromodichloromethane		5.5	U	0.33	5.5
Bromoform		5.5	U	0.67	5.5
Bromomethane		5.5	U	2.3	5.5
Methyl Ethyl Ketone		11	U	1.8	11
Carbon disulfide		5.5	U	0.45	5.5
Carbon tetrachloride		5.5	U	1.1	5.5
Chlorobenzene		5.5	U	0.65	5.5
Chloroethane		5.5	U UJ	1.1	5.5
Chloroform		5.5	U	0.38	5.5
Chloromethane		5.5	U	0.86	5.5
Dibromochloromethane		5.5	U	0.39	5.5
1,1-Dichloroethane		5.5	U	0.33	5.5
1,2-Dichloroethane		5.5	U	0.64	5.5
1,1-Dichloroethene		5.5	U	0.64	5.5
1,2-Dichloropropane		5.5	U	0.74	5.5
cis-1,3-Dichloropropene		5.5	U	0.62	5.5
trans-1,3-Dichloropropene		5.5	U	0.30	5.5
Ethylbenzene		5.5	U	0.77	5.5
2-Hexanone		11	U	1.3	11
Methylene Chloride	220	0.2	J-B	1.2	22
methyl isobutyl ketone		5.5	U	0.61	5.5
Styrene		5.5	U	0.17	5.5
1,1,2,2-Tetrachloroethane		5.5	U	0.58	5.5
Tetrachloroethene		5.5	U	0.90	5.5
Toluene		0.58	J J	0.082	5.5
1,1,1-Trichloroethane		5.5	U	0.59	5.5
1,1,2-Trichloroethane		5.5	U	0.41	5.5
Trichloroethene		5.5	U	0.90	5.5
Vinyl chloride		5.5	U	0.25	5.5
Xylenes, Total		0.86	J J	0.54	5.5
cis-1,2-Dichloroethene		5.5	U	0.41	5.5
trans-1,2-Dichloroethene		0.71	J J	0.43	5.5

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	81		59 - 132
4-Bromofluorobenzene	55		34 - 124
Dibromofluoromethane	72		59 - 123
Toluene-d8 (Surr)	65		50 - 118

KP 8/18/09

EMM 8/18/09 07/30/2009



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9499-1

Sdg Number: 220-9499

**Client Sample ID: TB-063009**

Lab Sample ID: 220-9499-3TB

Date Sampled: 06/30/2009 0830

Client Matrix: Water

Date Received: 06/30/2009 1730

### 8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-28894	Instrument ID: MSN
Preparation:	5030B		Lab File ID: N3731.D
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	07/08/2009 1522		Final Weight/Volume: 5 mL
Date Prepared:	07/08/2009 1522		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84		65 - 136
4-Bromofluorobenzene	85		51 - 142
Dibromofluoromethane	82		68 - 132
Toluene-d8 (Surr)	80		63 - 127

ICP 8/18/09

EMM  
8/18/09  
07/30/2009

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9499-1

Sdg Number: 220-9499

Client Sample ID: WWSB-21 (1-2)

Lab Sample ID: 220-9499-4

Date Sampled: 07/01/2009 1600

Client Matrix: Solid

% Moisture: 12.3

Date Received: 07/02/2009 2000

## 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 220-28949 Instrument ID: MSO  
 Preparation: 5030B Lab File ID: O1660.D  
 Dilution: 1.0 Initial Weight/Volume: 5 g  
 Date Analyzed: 07/10/2009 2124 Final Weight/Volume: 5 mL  
 Date Prepared: 07/10/2009 2124

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	230	<del>11</del>	<del>J*</del>	2.6	23
Benzene		5.7	U	0.65	5.7
Bromodichloromethane		5.7	U	0.34	5.7
Bromoform		5.7	U	0.70	5.7
Bromomethane		5.7	U	2.4	5.7
Methyl Ethyl Ketone		11	U	1.8	11
Carbon disulfide		5.7	U	0.47	5.7
Carbon tetrachloride		5.7	U	1.1	5.7
Chlorobenzene		5.7	U	0.67	5.7
Chloroethane		5.7	U	1.1	5.7
Chloroform		5.7	U	0.39	5.7
Chloromethane		5.7	U	0.89	5.7
Dibromochloromethane		5.7	U	0.40	5.7
1,1-Dichloroethane		5.7	U	0.34	5.7
1,2-Dichloroethane		5.7	U	0.66	5.7
1,1-Dichloroethene		5.7	U	0.66	5.7
1,2-Dichloropropane		5.7	U	0.76	5.7
cis-1,3-Dichloropropene		5.7	U	0.64	5.7
trans-1,3-Dichloropropene		5.7	U	0.31	5.7
Ethylbenzene		5.7	U	0.80	5.7
2-Hexanone		11	U	1.4	11
Methylene Chloride	230	<del>10</del>	<del>J-B</del>	1.2	23
methyl isobutyl ketone		5.7	U	0.63	5.7
Styrene		5.7	U	0.17	5.7
1,1,2,2-Tetrachloroethane		5.7	U	0.59	5.7
Tetrachloroethene		5.7	U	0.92	5.7
Toluene		5.7	U	0.084	5.7
1,1,1-Trichloroethane		5.7	U	0.60	5.7
1,1,2-Trichloroethane		5.7	U	0.42	5.7
Trichloroethene		5.7	U	0.92	5.7
Vinyl chloride		5.7	U	0.26	5.7
Xylenes, Total		5.7	U	0.55	5.7
cis-1,2-Dichloroethene		5.7	U	0.42	5.7
trans-1,2-Dichloroethene		5.7	U	0.44	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	74		59 - 132
4-Bromofluorobenzene	43		34 - 124
Dibromofluoromethane	66		59 - 123
Toluene-d8 (Surr)	58		50 - 118

KP 8/18/09

EMM 8/18/09

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9499-1  
Sdg Number: 220-9499

Client Sample ID: WWSB-22 (13-15)

Lab Sample ID: 220-9499-5  
Client Matrix: Solid

% Moisture: 14.7

Date Sampled: 07/01/2009 1015  
Date Received: 07/02/2009 2000

## 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 220-28949 Instrument ID: MSO  
Preparation: 5030B Lab File ID: O1661.D  
Dilution: 1.0 Initial Weight/Volume: 5 g  
Date Analyzed: 07/10/2009 2149 Final Weight/Volume: 5 mL  
Date Prepared: 07/10/2009 2149

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		<del>28</del>	* UJ ✓	2.6	23
Benzene	28U ✓	5.9	U	0.67	5.9
Bromodichloromethane		5.9	U	0.35	5.9
Bromoform		5.9	U	0.72	5.9
Bromomethane		5.9	U ✓	2.4	5.9
Methyl Ethyl Ketone		12	U ✓	1.9	12
Carbon disulfide		1.1	J ✓	0.48	5.9
Carbon tetrachloride		5.9	U	1.1	5.9
Chlorobenzene		5.9	U	0.69	5.9
Chloroethane		5.9	U	1.1	5.9
Chloroform		5.9	U	0.40	5.9
Chloromethane		5.9	U	0.91	5.9
Dibromochloromethane		5.9	U	0.41	5.9
1,1-Dichloroethane		5.9	U	0.35	5.9
1,2-Dichloroethane		5.9	U	0.68	5.9
1,1-Dichloroethene		5.9	U	0.68	5.9
1,2-Dichloropropane		5.9	U	0.79	5.9
cis-1,3-Dichloropropene		5.9	U	0.66	5.9
trans-1,3-Dichloropropene		5.9	U	0.32	5.9
Ethylbenzene		5.9	U	0.82	5.9
2-Hexanone		12	U	1.4	12
Methylene Chloride	23U ✓	<del>11</del>	J B	1.3	23
methyl isobutyl ketone		5.9	U	0.64	5.9
Styrene		5.9	U	0.18	5.9
1,1,2,2-Tetrachloroethane		5.9	U	0.61	5.9
Tetrachloroethene		5.9	U	0.95	5.9
Toluene		5.9	U	0.087	5.9
1,1,1-Trichloroethane		5.9	U	0.62	5.9
1,1,2-Trichloroethane		5.9	U	0.43	5.9
Trichloroethene		5.9	U	0.95	5.9
Vinyl chloride		5.9	U	0.27	5.9
Xylenes, Total		5.9	U	0.57	5.9
cis-1,2-Dichloroethene		5.9	U	0.43	5.9
trans-1,2-Dichloroethene		5.9	U	0.46	5.9

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		59 - 132
4-Bromofluorobenzene	114		34 - 124
Dibromofluoromethane	93		59 - 123
Toluene-d8 (Surr)	91		50 - 118

KP  
8/15/09

EMM  
8/27/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9499-1  
Sdg Number: 220-9499

**Client Sample ID: WWSB-FB-070209**

Lab Sample ID: 220-9499-7  
Client Matrix: Water

Date Sampled: 07/01/2009 1040  
Date Received: 07/02/2009 2000

### 8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-28894	Instrument ID: MSN
Preparation:	5030B		Lab File ID: N3732.D
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	07/08/2009 1546		Final Weight/Volume: 5 mL
Date Prepared:	07/08/2009 1546		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	21	B ✓	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U ✓	0.72	5.0
1,1-Dichloroethene	5.0	U ✓	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U ✓	1.1	10
Methylene Chloride	1.2	J B ✓	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U ✓	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88		65 - 136
4-Bromofluorobenzene	86		51 - 142
Dibromofluoromethane	84		68 - 132
Toluene-d8 (Surr)	81		63 - 127

KP  
 8/18/09  
 EMW  
 8/8/09  
 07/30/2009



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9499-1

Sdg Number: 220-9499

**Client Sample ID: WWTB-072009**

Lab Sample ID: 220-9499-8TB

Date Sampled: 07/01/2009 1100

Client Matrix: Water

Date Received: 07/02/2009 2000

### 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B	Analysis Batch: 220-28894	Instrument ID: MSN	
Preparation: 5030B		Lab File ID: N3733.D	
Dilution: 1.0		Initial Weight/Volume: 5 mL	
Date Analyzed: 07/08/2009 1611		Final Weight/Volume: 5 mL	
Date Prepared: 07/08/2009 1611			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87		65 - 136
4-Bromofluorobenzene	83		51 - 142
Dibromofluoromethane	82		68 - 132
Toluene-d8 (Surr)	82		63 - 127

KP 8/18/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9499-1  
Sdg Number: 220-9499

### General Chemistry

Client Sample ID: **WWSB-20 (3-5)**

Lab Sample ID: 220-9499-1  
Client Matrix: Solid

% Moisture: 12.1

Date Sampled: 06/29/2009 1540  
Date Received: 06/30/2009 1730

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	<del>45.4</del> 2.270	J ✓	ug/Kg	23.1	227	1.0	D4282_02 DryWt Corrected: Y
	Analysis Batch: 220-28810	Date Analyzed: 07/06/2009 1827					
	Prep Batch: 220-28804	Date Prepared: 07/06/2009 1320					
Ammonia	1.5	J ✓	mg/Kg	1.1	2.3	1.0	SM 4500 NH3 DryWt Corrected: Y
	Analysis Batch: 220-29145	Date Analyzed: 07/17/2009 1514					
	Prep Batch: 220-29138	Date Prepared: 07/16/2009 1620					
Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	12.1		%	0.10	0.10	1.0	Moisture DryWt Corrected: N
	Analysis Batch: 220-28685	Date Analyzed: 07/01/2009 1623					
Percent Solids	87.9		%	0.10	0.10	1.0	Moisture DryWt Corrected: N
	Analysis Batch: 220-28685	Date Analyzed: 07/01/2009 1623					

CP 8/18/09  
JP  
8/18/09

Jmm  
8/12/09

**Analytical Data**

Client: GEI Consultants, Inc.

Job Number: 220-9499-1  
Sdg Number: 220-9499

**General Chemistry**

Client Sample ID: **WWSB-22 (3-4)**

Lab Sample ID: 220-9499-2  
Client Matrix: Solid

% Moisture: 9.6

Date Sampled: 06/29/2009 1500  
Date Received: 06/30/2009 1730

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	<del>43.9</del> 22.0	J ✓	ug/Kg	22.3	220	1.0	D4282_02 DryWt Corrected: Y
	Analysis Batch: 220-28810	Date Analyzed: 07/06/2009	1828				
	Prep Batch: 220-28804	Date Prepared: 07/06/2009	1320				
Ammonia	1.7	J ✓	mg/Kg	1.1	2.2	1.0	SM 4500 NH3 DryWt Corrected: Y
	Analysis Batch: 220-29145	Date Analyzed: 07/17/2009	1514				
	Prep Batch: 220-29138	Date Prepared: 07/16/2009	1620				
Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	9.6		%	0.10	0.10	1.0	Moisture DryWt Corrected: N
	Analysis Batch: 220-28685	Date Analyzed: 07/01/2009	1623				
Percent Solids	90.4		%	0.10	0.10	1.0	Moisture DryWt Corrected: N
	Analysis Batch: 220-28685	Date Analyzed: 07/01/2009	1623				

*KP 8/18/09*

*Jan 8/14/09*

**Analytical Data**

Client: GEI Consultants, Inc.

Job Number: 220-9499-1  
Sdg Number: 220-9499

**General Chemistry**

Client Sample ID: **WWSB-21 (1-2)**

Lab Sample ID: 220-9499-4  
Client Matrix: Solid

% Moisture: 12.3

Date Sampled: 07/01/2009 1600  
Date Received: 07/02/2009 2000

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	45.6	J ✓	ug/Kg	23.2	228	1.0	D4282_02 DryWt Corrected: Y
	Analysis Batch: 220-29006	Date Analyzed: 07/14/2009	1555				
	Prep Batch: 220-29001	Date Prepared: 07/14/2009	1100				
Ammonia	1.4	J ✓	mg/Kg	1.1	2.3	1.0	SM 4500 NH3 DryWt Corrected: Y
	Analysis Batch: 220-29145	Date Analyzed: 07/17/2009	1514				
	Prep Batch: 220-29138	Date Prepared: 07/16/2009	1620				
Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	12.3		%	0.10	0.10	1.0	Moisture DryWt Corrected: N
	Analysis Batch: 220-28773	Date Analyzed: 07/06/2009	1507				
Percent Solids	87.7		%	0.10	0.10	1.0	Moisture DryWt Corrected: N
	Analysis Batch: 220-28773	Date Analyzed: 07/06/2009	1507				

*JP 8/18/09*

*JPm  
8/1/09*



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9499-1

Sdg Number: 220-9499

### General Chemistry

**Client Sample ID: WWSB-22 (13-15)**

Lab Sample ID: 220-9499-5

Client Matrix: Solid

% Moisture: 14.7

Date Sampled: 07/01/2009 1015

Date Received: 07/02/2009 2000

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	234	U	ug/Kg	23.8	234	1.0	D4282_02 DryWt Corrected: Y
Analysis Batch: 220-29006		Date Analyzed: 07/14/2009 1558					
Prep Batch: 220-29001		Date Prepared: 07/14/2009 1100					
Ammonia	7.5		mg/Kg	1.1	2.3	1.0	SM 4500 NH3 DryWt Corrected: Y
Analysis Batch: 220-29145		Date Analyzed: 07/17/2009 1521					
Prep Batch: 220-29138		Date Prepared: 07/16/2009 1620					
Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	14.7		%	0.10	0.10	1.0	Moisture DryWt Corrected: N
Analysis Batch: 220-28969		Date Analyzed: 07/13/2009 1527					
Percent Solids	85.3		%	0.10	0.10	1.0	Moisture DryWt Corrected: N
Analysis Batch: 220-28969		Date Analyzed: 07/13/2009 1527					

*KP 8/18/09*

*Jan 8/1/09*

Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9499-1  
Sdg Number: 220-9499

General Chemistry

Client Sample ID: WWSB-FB-070209

Lab Sample ID: 220-9499-7

Client Matrix: Water

Date Sampled: 07/01/2009 1040

Date Received: 07/02/2009 2000

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	10.0	U	ug/L	1.7	10.0	1.0	D4282_02
	Analysis Batch: 220-28891	Date Analyzed: 07/08/2009 1655					
	Prep Batch: 220-28888	Date Prepared: 07/08/2009 1210					
Ammonia	0.10	U	mg/L	0.033	0.10	1.0	SM 4500 NH3
	Analysis Batch: 220-29145	Date Analyzed: 07/17/2009 1514					
	Prep Batch: 220-29137	Date Prepared: 07/16/2009 1620					

*YP 8/18/09*

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9499-1

Sdg Number: 220-9499

**Client Sample ID: WWSB-20 (3-5)**

Lab Sample ID: 220-9499-1

Date Sampled: 06/29/2009 1540

Client Matrix: Solid

% Moisture: 12.1

Date Received: 06/30/2009 1730

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-28838	Instrument ID: MSA
Preparation:	3541	Prep Batch: 220-28675	Lab File ID: A6021.D
Dilution:	2.0		Initial Weight/Volume: 15.00 g
Date Analyzed:	07/07/2009 1351		Final Weight/Volume: 1 mL
Date Prepared:	07/01/2009 1222		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		610	U	36	610
Acenaphthylene		610	U	30	610
Anthracene		610	U	24	610
Benzo[a]anthracene		610	U	22	610
Benzo[a]pyrene		610	U	17	610
Benzo[b]fluoranthene		610	U	16	610
Benzo[g,h,i]perylene		610	U	40	610
Benzo[k]fluoranthene		610	U	55	610
Bis(2-chloroethoxy)methane		610	U	28	610
Bis(2-chloroethyl)ether		610	U	32	610
Bis(2-ethylhexyl) phthalate		8900		59	610
Butyl benzyl phthalate		51	J J ✓	34	610
Carbazole		610	U	34	610
Chrysene		610	U	45	610
Di-n-butyl phthalate		610	U	89	610
Di-n-octyl phthalate		610	U	35	610
4-Bromophenyl phenyl ether		610	U	40	610
4-Chloroaniline		610	U	100	610
2-Chloronaphthalene		610	U	26	610
4-Chlorophenyl phenyl ether		610	U	45	610
Dibenz(a,h)anthracene		610	U	48	610
Dibenzofuran		610	U	43	610
Diethyl phthalate		610	U	62	610
Dimethyl phthalate		610	U	35	610
1,2-Dichlorobenzene		610	U	36	610
1,3-Dichlorobenzene		610	U	31	610
1,4-Dichlorobenzene		610	U	36	610
3,3'-Dichlorobenzidine		1500	U	130	1500
2,4-Dinitrotoluene		610	U	49	610
2,6-Dinitrotoluene		610	U	18	610
Fluoranthene		49	J J ✓	30	610
Fluorene		610	U	37	610
Hexachlorobenzene		610	U	43	610
Hexachlorobutadiene		610	U	47	610
Hexachlorocyclopentadiene		1500	U	290	1500
Hexachloroethane		610	U	35	610
Indeno[1,2,3-cd]pyrene		610	U	40	610
Isophorone		610	U	34	610
2-Methylnaphthalene		610	U	18	610
Naphthalene		610	U	32	610
2-Nitroaniline		3900	U	37	3900
3-Nitroaniline		3900	U	20	3900
Nitrobenzene		610	U	39	610
N-Nitrosodi-n-propylamine		610	U	41	610
N-Nitrosodiphenylamine		610	U	35	610
Phenanthrene		610	U	30	610

KP 8/18/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9499-1

Sdg Number: 220-9499

**Client Sample ID: WWSB-20 (3-5)**

Lab Sample ID: 220-9499-1

Date Sampled: 06/29/2009 1540

Client Matrix: Solid

% Moisture: 12.1

Date Received: 06/30/2009 1730

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-28838	Instrument ID: MSA
Preparation:	3541	Prep Batch: 220-28675	Lab File ID: A6021.D
Dilution:	2.0		Initial Weight/Volume: 15.00 g
Date Analyzed:	07/07/2009 1351		Final Weight/Volume: 1 mL
Date Prepared:	07/01/2009 1222		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		54	J <span style="color: red;">J</span> ✓	29	610
1,2,4-Trichlorobenzene		610	U	40	610
4-Chloro-3-methylphenol		610	U	25	610
2-Chlorophenol		610	U	36	610
2-Methylphenol		610	U	37	610
4-Methylphenol		610	U	40	610
2,4-Dichlorophenol		610	U	33	610
2,4-Dimethylphenol		610	U	30	610
2,4-Dinitrophenol		3900	U	180	3900
4,6-Dinitro-2-methylphenol		3900	U	260	3900
2-Nitrophenol		610	U	39	610
4-Nitrophenol		3900	U	46	3900
Pentachlorophenol		3900	U	370	3900
Phenol		610	U	41	610
2,4,5-Trichlorophenol		3900	U	31	3900
2,4,6-Trichlorophenol		610	U	17	610
Benzyl alcohol		610	U	58	610
4-Nitroaniline		610	U	47	610
2,2'-oxybis[1-chloropropane]		610	U	32	610

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	68		41 - 120
2-Fluorophenol	72		34 - 120
2,4,6-Tribromophenol	70		37 - 120
Nitrobenzene-d5	68		38 - 120
Phenol-d5	69		36 - 120
Terphenyl-d14	82		32 - 125

KP 6/19/09

EMM  
8/8/09  
07/30/2009



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9499-1

Sdg Number: 220-9499

**Client Sample ID: WWSB-22 (3-4)**

Lab Sample ID: 220-9499-2

Date Sampled: 06/29/2009 1500

Client Matrix: Solid

% Moisture: 9.6

Date Received: 06/30/2009 1730

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-28838	Instrument ID: MSA
Preparation:	3541	Prep Batch: 220-28675	Lab File ID: A6025.D
Dilution:	2.0		Initial Weight/Volume: 15.03 g
Date Analyzed:	07/07/2009 1537		Final Weight/Volume: 1 mL
Date Prepared:	07/01/2009 1222		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		300	J J ✓	35	600
Acenaphthylene		780		29	600
Anthracene		1900		23	600
Benzo[a]anthracene		5700		21	600
Benzo[a]pyrene		7300	B ✓	16	600
Benzo[b]fluoranthene		6000	B ✓	16	600
Benzo[g,h,i]perylene		5200		39	600
Benzo[k]fluoranthene		2300		53	600
Bis(2-chloroethoxy)methane		600	U	28	600
Bis(2-chloroethyl)ether		600	U	31	600
Bis(2-ethylhexyl) phthalate		4700		58	600
Butyl benzyl phthalate		600	U	33	600
Carbazole		770		33	600
Chrysene		5900		44	600
Di-n-butyl phthalate		600	U	87	600
Di-n-octyl phthalate		600	U	34	600
4-Bromophenyl phenyl ether		600	U	38	600
4-Chloroaniline		600	U	97	600
2-Chloronaphthalene		600	U	25	600
4-Chlorophenyl phenyl ether		600	U	44	600
Dibenz(a,h)anthracene		1700		47	600
Dibenzofuran		560	J J ✓	42	600
Diethyl phthalate		600	U	60	600
Dimethyl phthalate		600	U	34	600
1,2-Dichlorobenzene		600	U	35	600
1,3-Dichlorobenzene		600	U	30	600
1,4-Dichlorobenzene		600	U	35	600
3,3'-Dichlorobenzidine		1500	U	120	1500
2,4-Dinitrotoluene		600	U	47	600
2,6-Dinitrotoluene		600	U	17	600
Fluoranthene		9400		30	600
Fluorene		570	J J ✓	36	600
Hexachlorobenzene		600	U	41	600
Hexachlorobutadiene		600	U	46	600
Hexachlorocyclopentadiene		1500	U	280	1500
Hexachloroethane		600	U	34	600
Indeno[1,2,3-cd]pyrene		6000		39	600
Isophorone		600	U	33	600
2-Methylnaphthalene		460	J J ✓	17	600
Naphthalene		1100		31	600
2-Nitroaniline		3800	U	36	3800
3-Nitroaniline		3800	U	19	3800
Nitrobenzene		600	U	38	600
N-Nitrosodi-n-propylamine		600	U	40	600
N-Nitrosodiphenylamine		600	U	34	600
Phenanthrene		7500		29	600

KP 8/18/09

EMT  
8/18/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9499-1

Sdg Number: 220-9499

**Client Sample ID: WWSB-22 (3-4)**

Lab Sample ID: 220-9499-2

Date Sampled: 06/29/2009 1500

Client Matrix: Solid

% Moisture: 9.6

Date Received: 06/30/2009 1730

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-28838	Instrument ID: MSA
Preparation:	3541	Prep Batch: 220-28675	Lab File ID: A6025.D
Dilution:	2.0		Initial Weight/Volume: 15.03 g
Date Analyzed:	07/07/2009 1537		Final Weight/Volume: 1 mL
Date Prepared:	07/01/2009 1222		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		9200		28	600
1,2,4-Trichlorobenzene		600	U	39	600
4-Chloro-3-methylphenol		600	U	25	600
2-Chlorophenol		600	U	35	600
2-Methylphenol		600	U	36	600
4-Methylphenol		600	U	39	600
2,4-Dichlorophenol		600	U	32	600
2,4-Dimethylphenol		600	U	29	600
2,4-Dinitrophenol		3800	U	180	3800
4,6-Dinitro-2-methylphenol		3800	U	260	3800
2-Nitrophenol		600	U	38	600
4-Nitrophenol		3800	U	45	3800
Pentachlorophenol		3800	U	360	3800
Phenol		43	J ✓	40	600
2,4,5-Trichlorophenol		3800	U	30	3800
2,4,6-Trichlorophenol		600	U	16	600
Benzyl alcohol		600	U	56	600
4-Nitroaniline		600	U	46	600
2,2'-oxybis[1-chloropropane]		600	U	31	600

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	76		41 - 120
2-Fluorophenol	72		34 - 120
2,4,6-Tribromophenol	77		37 - 120
Nitrobenzene-d5	71		38 - 120
Phenol-d5	73		36 - 120
Terphenyl-d14	80		32 - 125

KP/8/18/09

EMM  
8/21/09  
07/30/2009

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9499-1

Sdg Number: 220-9499

**Client Sample ID: WWSB-21 (1-2)**

Lab Sample ID: 220-9499-4

Date Sampled: 07/01/2009 1600

Client Matrix: Solid

% Moisture: 12.3

Date Received: 07/02/2009 2000

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-28867	Instrument ID: MSA
Preparation:	3541	Prep Batch: 220-28787	Lab File ID: A6064.D
Dilution:	1.0		Initial Weight/Volume: 15.07 g
Date Analyzed:	07/08/2009 1800		Final Weight/Volume: 1 mL
Date Prepared:	07/07/2009 0822		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		62	J J ✓	18	310
Acenaphthylene		700		15	310
Anthracene		330		12	310
Benzo[a]anthracene		670		11	310
Benzo[a]pyrene		930		8.3	310
Benzo[b]fluoranthene		920		8.2	310
Benzo[g,h,i]perylene		930		20	310
Benzo[k]fluoranthene		300	J J ✓	27	310
Bis(2-chloroethoxy)methane		310	U	14	310
Bis(2-chloroethyl)ether		310	U	16	310
Bis(2-ethylhexyl) phthalate		3700	J J ✓	30	310
Butyl benzyl phthalate		310	U	17	310
Carbazole		79	J J ✓	17	310
Chrysene		810		23	310
Di-n-butyl phthalate		310	U	45	310
Di-n-octyl phthalate		310	U	17	310
4-Bromophenyl phenyl ether		310	U	20	310
4-Chloroaniline		310	U	50	310
2-Chloronaphthalene		310	U	13	310
4-Chlorophenyl phenyl ether		310	U	23	310
Dibenz(a,h)anthracene		310		24	310
Dibenzofuran		31	J J ✓	22	310
Diethyl phthalate		310	U	31	310
Dimethyl phthalate		310	U	18	310
1,2-Dichlorobenzene		310	U	18	310
1,3-Dichlorobenzene		310	U	15	310
1,4-Dichlorobenzene		310	U	18	310
3,3'-Dichlorobenzidine		760	U	63	760
2,4-Dinitrotoluene		310	U	24	310
2,6-Dinitrotoluene		310	U	9.0	310
Fluoranthene		860		15	310
Fluorene		73	J J ✓	18	310
Hexachlorobenzene		310	U	21	310
Hexachlorobutadiene		310	U	24	310
Hexachlorocyclopentadiene		760	U U J ✓	140	760
Hexachloroethane		310	U	17	310
Indeno[1,2,3-cd]pyrene		950		20	310
Isophorone		310	U	17	310
2-Methylnaphthalene		43	J J ✓	8.7	310
Naphthalene		68	J J ✓	16	310
2-Nitroaniline		1900	U	19	1900
3-Nitroaniline		1900	U	9.8	1900
Nitrobenzene		310	U	20	310
N-Nitrosodi-n-propylamine		310	U	21	310
N-Nitrosodiphenylamine		310	U	17	310
Phenanthrene		510		15	310

KP  
6/18/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9499-1

Sdg Number: 220-9499

**Client Sample ID: WWSB-21 (1-2)**

Lab Sample ID: 220-9499-4

Date Sampled: 07/01/2009 1600

Client Matrix: Solid

% Moisture: 12.3

Date Received: 07/02/2009 2000

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-28867	Instrument ID: MSA
Preparation:	3541	Prep Batch: 220-28787	Lab File ID: A6064.D
Dilution:	1.0		Initial Weight/Volume: 15.07 g
Date Analyzed:	07/08/2009 1800		Final Weight/Volume: 1 mL
Date Prepared:	07/07/2009 0822		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		1200		14	310
1,2,4-Trichlorobenzene		310	U	20	310
4-Chloro-3-methylphenol		310	U	13	310
2-Chlorophenol		310	U	18	310
2-Methylphenol		310	U	18	310
4-Methylphenol		310	U	20	310
2,4-Dichlorophenol		310	U	16	310
2,4-Dimethylphenol		310	U	15	310
2,4-Dinitrophenol		1900	U JJ ✓	92	1900
4,6-Dinitro-2-methylphenol		1900	U	130	1900
2-Nitrophenol		310	U	19	310
4-Nitrophenol		1900	U	23	1900
Pentachlorophenol		1900	U	190	1900
Phenol		310	U	20	310
2,4,5-Trichlorophenol		1900	U	15	1900
2,4,6-Trichlorophenol		310	U	8.4	310
Benzyl alcohol		310	U	29	310
4-Nitroaniline		310	U	24	310
2,2'-oxybis[1-chloropropane]		310	U	16	310

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	73		41 - 120
2-Fluorophenol	73		34 - 120
2,4,6-Tribromophenol	60		37 - 120
Nitrobenzene-d5	73		38 - 120
Phenol-d5	74		36 - 120
Terphenyl-d14	76		32 - 125

K P  
8/18/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9499-1

Sdg Number: 220-9499

**Client Sample ID:** WWSB-22 (13-15)

Lab Sample ID: 220-9499-5

Date Sampled: 07/01/2009 1015

Client Matrix: Solid

% Moisture: 14.7

Date Received: 07/02/2009 2000

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29049	Instrument ID: MSC
Preparation:	3541	Prep Batch: 220-28973	Lab File ID: C12245.D
Dilution:	1.0		Initial Weight/Volume: 15.44 g
Date Analyzed:	07/15/2009 1437		Final Weight/Volume: 1 mL
Date Prepared:	07/14/2009 0807		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		310	U	18	310
Acenaphthylene		310	U	15	310
Anthracene		310	U	12	310
Benzo[a]anthracene		310	U	11	310
Benzo[a]pyrene		310	U	8.3	310
Benzo[b]fluoranthene		310	U	8.2	310
Benzo[g,h,i]perylene		310	U	20	310
Benzo[k]fluoranthene		310	U	28	310
Bis(2-chloroethoxy)methane		310	U	14	310
Bis(2-chloroethyl)ether		310	U	16	310
Bis(2-ethylhexyl) phthalate		110	J JV ✓	30	310
Butyl benzyl phthalate		310	U	17	310
Carbazole		310	U	17	310
Chrysene		310	U	23	310
Di-n-butyl phthalate		310	U	45	310
Di-n-octyl phthalate		310	U	17	310
4-Bromophenyl phenyl ether		310	U	20	310
4-Chloroaniline		310	U	50	310
2-Chloronaphthalene		310	U	13	310
4-Chlorophenyl phenyl ether		310	U	23	310
Dibenz(a,h)anthracene		310	U	24	310
Dibenzofuran		310	U	22	310
Diethyl phthalate		310	U	31	310
Dimethyl phthalate		310	U	18	310
1,2-Dichlorobenzene		310	U	18	310
1,3-Dichlorobenzene		310	U	15	310
1,4-Dichlorobenzene		310	U	18	310
3,3'-Dichlorobenzidine		760	U	63	760
2,4-Dinitrotoluene		310	U	24	310
2,6-Dinitrotoluene		310	U	9.0	310
Fluoranthene		310	U	15	310
Fluorene		310	U	18	310
Hexachlorobenzene		310	U	21	310
Hexachlorobutadiene		310	U	24	310
Hexachlorocyclopentadiene		760	U	140	760
Hexachloroethane		310	U	18	310
Indeno[1,2,3-cd]pyrene		310	U	20	310
Isophorone		310	U	17	310
2-Methylnaphthalene		310	U	8.8	310
Naphthalene		310	U	16	310
2-Nitroaniline		1900	U	19	1900
3-Nitroaniline		1900	U	9.8	1900
Nitrobenzene		310	U	20	310
N-Nitrosodi-n-propylamine		310	U	21	310
N-Nitrosodiphenylamine		310	U	17	310
Phenanthrene		310	U	15	310

CP  
8/18/09

EMJ  
8/21/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9499-1

Sdg Number: 220-9499

**Client Sample ID: WWSB-22 (13-15)**

Lab Sample ID: 220-9499-5

Date Sampled: 07/01/2009 1015

Client Matrix: Solid

% Moisture: 14.7

Date Received: 07/02/2009 2000

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29049	Instrument ID: MSC
Preparation:	3541	Prep Batch: 220-28973	Lab File ID: C12245.D
Dilution:	1.0		Initial Weight/Volume: 15.44 g
Date Analyzed:	07/15/2009 1437		Final Weight/Volume: 1 mL
Date Prepared:	07/14/2009 0807		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		310	U	14	310
1,2,4-Trichlorobenzene		310	U	20	310
4-Chloro-3-methylphenol		310	U	13	310
2-Chlorophenol		310	U	18	310
2-Methylphenol		310	U	18	310
4-Methylphenol		310	U	20	310
2,4-Dichlorophenol		310	U	16	310
2,4-Dimethylphenol		310	U	15	310
2,4-Dinitrophenol		1900	U	92	1900
4,6-Dinitro-2-methylphenol		1900	U	130	1900
2-Nitrophenol		310	U	19	310
4-Nitrophenol		1900	U	23	1900
Pentachlorophenol		1900	U	190	1900
Phenol		310	U	20	310
2,4,5-Trichlorophenol		1900	U	15	1900
2,4,6-Trichlorophenol		310	U	8.4	310
Benzyl alcohol		310	U	29	310
4-Nitroaniline		310	U	24	310
2,2'-oxybis[1-chloropropane]		310	U	16	310

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	72		41 - 120
2-Fluorophenol	72		34 - 120
2,4,6-Tribromophenol	76		37 - 120
Nitrobenzene-d5	70		38 - 120
Phenol-d5	71		36 - 120
Terphenyl-d14	80		32 - 125

KP 8/18/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9499-1

Sdg Number: 220-9499

**Client Sample ID: WWSB-FB-070209**

Lab Sample ID: 220-9499-7

Date Sampled: 07/01/2009 1040

Client Matrix: Water

Date Received: 07/02/2009 2000

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-28856	Instrument ID: MSC
Preparation:	3510C	Prep Batch: 220-28757	Lab File ID: C12145.D
Dilution:	1.0		Initial Weight/Volume: 840 mL
Date Analyzed:	07/08/2009 0224		Final Weight/Volume: 1.0 mL
Date Prepared:	07/06/2009 1309		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	4.8	U	0.37	4.8
Acenaphthylene	4.8	U	0.40	4.8
Anthracene	4.8	U	0.35	4.8
Benzo[a]anthracene	4.8	U	0.36	4.8
Benzo[a]pyrene	4.8	U	0.42	4.8
Benzo[b]fluoranthene	4.8	U	0.43	4.8
Benzo[g,h,i]perylene	4.8	U	0.43	4.8
Benzo[k]fluoranthene	4.8	U	0.48	4.8
Bis(2-chloroethoxy)methane	4.8	U	0.37	4.8
Bis(2-chloroethyl)ether	4.8	U	0.35	4.8
Bis(2-ethylhexyl) phthalate	4.8	U	0.64	4.8
Butyl benzyl phthalate	4.8	U	0.42	4.8
Carbazole	4.8	U	0.39	4.8
Chrysene	4.8	U	0.30	4.8
Di-n-butyl phthalate	0.48	J B J ✓	0.42	4.8
Di-n-octyl phthalate	4.8	U	0.45	4.8
4-Bromophenyl phenyl ether	4.8	U	0.52	4.8
4-Chloroaniline	4.8	U	0.35	4.8
2-Chloronaphthalene	4.8	U	0.46	4.8
4-Chlorophenyl phenyl ether	4.8	U	0.42	4.8
Dibenz(a,h)anthracene	4.8	U	0.45	4.8
Dibenzofuran	4.8	U	0.51	4.8
Diethyl phthalate	4.8	U	0.51	4.8
Dimethyl phthalate	4.8	U	0.45	4.8
1,2-Dichlorobenzene	4.8	U	0.37	4.8
1,3-Dichlorobenzene	4.8	U	0.30	4.8
1,4-Dichlorobenzene	4.8	U	0.37	4.8
3,3'-Dichlorobenzidine	4.8	U	0.43	4.8
2,4-Dinitrotoluene	4.8	U	0.48	4.8
2,6-Dinitrotoluene	4.8	U	0.31	4.8
Fluoranthene	4.8	U	0.37	4.8
Fluorene	4.8	U	0.31	4.8
Hexachlorobenzene	4.8	U	0.39	4.8
Hexachlorobutadiene	4.8	U	0.24	4.8
Hexachlorocyclopentadiene	4.8	U	0.42	4.8
Hexachloroethane	4.8	U	0.44	4.8
Indeno[1,2,3-cd]pyrene	4.8	U	0.33	4.8
Isophorone	4.8	U	0.37	4.8
2-Methylnaphthalene	4.8	U	0.32	4.8
Naphthalene	4.8	U	0.36	4.8
2-Nitroaniline	4.8	U	0.40	4.8
3-Nitroaniline	4.8	U	0.27	4.8
Nitrobenzene	4.8	U	0.33	4.8
N-Nitrosodi-n-propylamine	4.8	U	0.39	4.8
N-Nitrosodiphenylamine	4.8	U	0.39	4.8
Phenanthrene	4.8	U	0.33	4.8

KCP  
8/18/09

EM  
8/18/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9499-1

Sdg Number: 220-9499

**Client Sample ID: WWSB-FB-070209**

Lab Sample ID: 220-9499-7

Date Sampled: 07/01/2009 1040

Client Matrix: Water

Date Received: 07/02/2009 2000

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-28856	Instrument ID: MSC
Preparation: 3510C	Prep Batch: 220-28757	Lab File ID: C12145.D
Dilution: 1.0		Initial Weight/Volume: 840 mL
Date Analyzed: 07/08/2009 0224		Final Weight/Volume: 1.0 mL
Date Prepared: 07/06/2009 1309		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	4.8	U	0.39	4.8
1,2,4-Trichlorobenzene	4.8	U	0.43	4.8
4-Chloro-3-methylphenol	6.0	U	0.40	6.0
2-Chlorophenol	4.8	U	0.27	4.8
2-Methylphenol	4.8	U	0.29	4.8
4-Methylphenol	4.8	U	0.35	4.8
2,4-Dichlorophenol	4.8	U	0.39	4.8
2,4-Dimethylphenol	4.8	U	0.39	4.8
2,4-Dinitrophenol	30	U	0.51	30
4,6-Dinitro-2-methylphenol	30	U	2.2	30
2-Nitrophenol	4.8	U	0.32	4.8
4-Nitrophenol	12	U	1.7	12
Pentachlorophenol	30	U	0.37	30
Phenol	4.8	U	0.23	4.8
2,4,5-Trichlorophenol	12	U	0.33	12
2,4,6-Trichlorophenol	4.8	U	0.44	4.8
Benzyl alcohol	4.8	U	0.49	4.8
4-Nitroaniline	4.8	U	0.24	4.8
2,2'-oxybis[1-chloropropane]	4.8	U	0.30	4.8

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	59		39 - 120
2-Fluorophenol	38		13 - 120
2,4,6-Tribromophenol	69		36 - 120
Nitrobenzene-d5	59		40 - 120
Phenol-d5	24		10 - 120
Terphenyl-d14	83		10 - 120

*KP*  
*8/18/09*

*EM*  
*8/2/09*



REC'D 8/17/09

### Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9499-1  
Sdg Number: 220-9499

Client Sample ID: **WWSB-20 (3-5)**

Lab Sample ID: 220-9499-1  
Client Matrix: Solid

% Moisture: 12.1

Date Sampled: 06/29/2009 1540  
Date Received: 06/30/2009 1730

#### 6010B Metals (ICP)

Method: 6010B  
Preparation: 3050B  
Dilution: 1.0  
Date Analyzed: 07/06/2009 1306  
Date Prepared: 07/01/2009 1029

Analysis Batch: 220-28783  
Prep Batch: 220-28668

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 2.08 g  
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.075	J ✓	0.068	1.4
Aluminum		9750		2.7	68.4
Arsenic		6.2 J ✓		1.8	5.7
Barium		366 J ✓		0.068	1.4
Beryllium		0.39	J ✓	0.068	1.4
Calcium		40600		13.7	68.4
Cadmium		1.4	U	0.27	1.4
Cobalt		3.0 J ✓		0.14	1.4
Chromium		13.7 J ✓		0.14	1.4
Copper		7.7 J ✓		0.52	1.6
Iron		7780		4.1	34.2
Potassium		1040		13.7	68.4
Magnesium		14800		2.5	68.4
Manganese		387		0.068	2.1
Sodium		1110 J ✓		13.7	68.4
Nickel		11.4		0.27	1.4
Lead		762 J ✓		0.85	4.1
Antimony		4.5	U J ✓	1.4	4.5
Selenium		<del>10.3</del> 4.10 J ✓	U J ✓	3.4	10.3
Thallium		2.5	J ✓	0.96	4.1
Vanadium		18.8		0.27	1.4
Zinc		142 J ✓		1.4	6.8

*MWB*

#### 7471A Mercury (CVAA)

Method: 7471A  
Preparation: 7471A  
Dilution: 1.0  
Date Analyzed: 07/22/2009 1400  
Date Prepared: 07/22/2009 1014

Analysis Batch: 220-29287  
Prep Batch: 220-29250

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 0.60 g  
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.098 J ✓		0.0046	0.057

*KP 8/18/09*

*mm 8/11/09*

**Analytical Data**

Client: GEI Consultants, Inc.

Job Number: 220-9499-1  
Sdg Number: 220-9499

Client Sample ID: **WWSB-22 (3-4)**

Lab Sample ID: 220-9499-2  
Client Matrix: Solid

% Moisture: 9.6

Date Sampled: 06/29/2009 1500  
Date Received: 06/30/2009 1730

**6010B Metals (ICP)**

Method:	6010B	Analysis Batch: 220-28783	Instrument ID:	ICAP3
Preparation:	3050B	Prep Batch: 220-28668	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	2.08 g
Date Analyzed:	07/06/2009 1309		Final Weight/Volume:	250 mL
Date Prepared:	07/01/2009 1029			

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.28	J ✓	0.066	1.3
Aluminum		7350		2.7	66.5
Arsenic		8.5	J J ✓	1.8	5.6
Barium		158	J ✓	0.066	1.3
Beryllium		0.49	J ✓	0.066	1.3
Calcium		4130		13.3	66.5
Cadmium		0.56	J ✓	0.27	1.3
Cobalt		18.7	J ✓	0.13	1.3
Chromium		16.2	J ✓	0.13	1.3
Copper		54.7	J ✓	0.51	1.6
Iron		20600		4.0	33.2
Potassium		1340		13.3	66.5
Magnesium		3030		2.4	66.5
Manganese		458		0.066	2.0
Sodium		213	J ✓	13.3	66.5
Nickel		19.3	J ✓	0.27	1.3
Lead		190	J ✓	0.82	4.0
Antimony		4.4	U J ✓	1.4	4.4
Selenium		<del>10</del> R ✓	<del>U J U</del> ✓	3.3	10
Thallium		<del>2.1</del> 4.0 J ✓	J ✓	0.93	4.0
Vanadium		23.2		0.27	1.3
Zinc		270	J ✓	1.3	6.6

*KP 8/18/09*

**7471A Mercury (CVAA)**

Method:	7471A	Analysis Batch: 220-29287	Instrument ID:	MERC1
Preparation:	7471A	Prep Batch: 220-29250	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	0.61 g
Date Analyzed:	07/22/2009 1401		Final Weight/Volume:	50 mL
Date Prepared:	07/22/2009 1014			

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.24	J ✓	0.0044	0.054

*KP 8/18/09*

*Jan 8/14/09*

**Analytical Data**

Client: GEI Consultants, Inc.

Job Number: 220-9499-1  
Sdg Number: 220-9499

Client Sample ID: **WWSB-21 (1-2)**

Lab Sample ID: 220-9499-4  
Client Matrix: Solid

% Moisture: 12.3

Date Sampled: 07/01/2009 1600  
Date Received: 07/02/2009 2000

**6010B Metals (ICP)**

Method:	6010B	Analysis Batch: 220-29100	Instrument ID:	ICAP3
Preparation:	3050B	Prep Batch: 220-28929	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	2.07 g
Date Analyzed:	07/16/2009 1243		Final Weight/Volume:	250 mL
Date Prepared:	07/10/2009 1050			

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		1.4	U J ✓	0.069	1.4
Aluminum		6980		2.8	68.9
Arsenic		12.4	J ✓	1.9	5.8
Barium		160	J ✓	0.069	1.4
Beryllium		0.41	J ✓	0.069	1.4
Calcium		46200		13.8	68.9
Cadmium		0.64	J ✓	0.28	1.4
Cobalt		24.6	J ✓	0.14	1.4
Chromium		16.0	J ✓	0.14	1.4
Copper		27.5	J ✓	0.52	1.7
Iron		18600		4.1	34.4
Potassium		1220		13.8	68.9
Magnesium		5780		2.5	68.9
Manganese		375		0.069	2.1
Sodium		833	J ✓	13.8	68.9
Nickel		15.7		0.28	1.4
Lead		839	J ✓	0.85	4.1
Antimony		4.5	U J ✓	1.4	4.5
Selenium		<del>10.3</del>	R ✓	3.4	10.3
Thallium		2.8	J ✓	0.96	4.1
Vanadium		22.1		0.28	1.4
Zinc		262	J ✓	1.4	6.9

*KP 8/18/09*

**7471A Mercury (CVAA)**

Method:	7471A	Analysis Batch: 220-29287	Instrument ID:	MERC1
Preparation:	7471A	Prep Batch: 220-29250	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	0.62 g
Date Analyzed:	07/22/2009 1403		Final Weight/Volume:	50 mL
Date Prepared:	07/22/2009 1014			

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.53	J ✓	0.0044	0.055

*KP 8/18/09*

*Jan 8/2/09*



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9499-1

Sdg Number: 220-9499

Client Sample ID: **WWSB-22 (13-15)**

Lab Sample ID: 220-9499-5

Date Sampled: 07/01/2009 1015

Client Matrix: Solid

% Moisture: 14.7

Date Received: 07/02/2009 2000

### 6010B Metals (ICP)

Method: 6010B  
Preparation: 3050B  
Dilution: 1.0  
Date Analyzed: 07/16/2009 1423  
Date Prepared: 07/13/2009 1406

Analysis Batch: 220-29100  
Prep Batch: 220-28958

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 2.05 g  
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		1.4	UJ ✓	0.072	1.4
Aluminum		10900		2.9	71.5
Arsenic		6.0	U	1.9	6.0
Barium		94.2 J ✓	J ✓	0.072	1.4
Beryllium		0.90		0.072	1.4
Calcium		2220		14.3	71.5
Cadmium		1.4	UJ ✓	0.29	1.4
Cobalt		10.6 J ✓		0.14	1.4
Chromium		30.6 J ✓		0.14	1.4
Copper		24.4 J ✓		0.54	1.7
Iron		29500		4.3	35.8
Potassium		2910		14.3	71.5
Magnesium		5830		2.6	71.5
Manganese		715		0.072	2.1
Sodium		92.3 J ✓		14.3	71.5
Nickel		18.9 J ✓		0.29	1.4
Lead		6.2 J ✓		0.89	4.3
Antimony		4.7	UJ ✓	1.5	4.7
Selenium		<del>10.7</del> R ✓	<del>UJ ✓</del>	3.6	10.7
Thallium		4.3	UJ ✓	1.0	4.3
Vanadium		52.3		0.29	1.4
Zinc		63.4 J ✓		1.4	7.2

KP 8/18/09

### 7471A Mercury (CVAA)

Method: 7471A  
Preparation: 7471A  
Dilution: 1.0  
Date Analyzed: 07/15/2009 1115  
Date Prepared: 07/14/2009 1054

Analysis Batch: 220-29038  
Prep Batch: 220-28982

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 0.62 g  
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.057	UJ ✓	0.0045	0.057

KP 8/19/09

Jan 8/20/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9499-1  
Sdg Number: 220-9499

Client Sample ID: **WWSB-FB-070209**

Lab Sample ID: 220-9499-7  
Client Matrix: Water

Date Sampled: 07/01/2009 1040  
Date Received: 07/02/2009 2000

### 6010B Metals (ICP)

Method: 6010B  
Preparation: 3010A  
Dilution: 1.0  
Date Analyzed: 07/09/2009 1322  
Date Prepared: 07/06/2009 1025

Analysis Batch: 220-28906  
Prep Batch: 220-28739

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 100 mL  
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	0.25	5.0
Aluminum	250	U	10.0	250
Arsenic	15.0	U	4.0	15.0
Barium	5.0	U	0.25	5.0
Beryllium	5.0	U	0.25	5.0
Calcium	250	U	50.0	250
Cadmium	5.0	U	1.0	5.0
Cobalt	5.0	U	0.50	5.0
Chromium	0.61	J ✓	0.50	5.0
Copper	10.0	U	1.5	10.0
Iron	125	U	15.0	125
Potassium	250	U	50.0	250
Magnesium	250	U	5.0	250
Manganese	8.0	U	0.25	8.0
Sodium	<del>250</del> R ✓	<del>U</del>	50.0	250
Nickel	5.0	U	1.0	5.0
Lead	15.0	U	2.5	15.0
Antimony	15.0	U	5.0	15.0
Selenium	38.0	U	12.5	38.0
Thallium	15.0	U	3.5	15.0
Vanadium	5.0	U	1.0	5.0
Zinc	25.0	U	5.0	25.0

KPS 8/18/09

### 7470A Mercury (CVAA)

Method: 7470A  
Preparation: 7470A  
Dilution: 1.0  
Date Analyzed: 07/24/2009 1502  
Date Prepared: 07/23/2009 1138

Analysis Batch: 220-29387  
Prep Batch: 220-29320

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 25 mL  
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.060	0.20

KPS 8/18/09

Jan 8/14/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9499-1  
Sdg Number: 220-9499

Client Sample ID: **WWSB-20 (3-5)**

Lab Sample ID: 220-9499-1  
Client Matrix: Solid

% Moisture: 12.1

Date Sampled: 06/29/2009 1540  
Date Received: 06/30/2009 1730

### 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082	Analysis Batch: 220-28802	Instrument ID: GC9
Preparation: 3550B	Prep Batch: 220-28680	Initial Weight/Volume: 30.03 g
Dilution: 1.0		Final Weight/Volume: 10.0 mL
Date Analyzed: 07/06/2009 2051		Injection Volume: 1.0 uL
Date Prepared: 07/01/2009 1341		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		19	U	1.5	19
PCB-1221		19	U	1.5	19
PCB-1232		19	U	1.5	19
PCB-1242		19	U	1.5	19
PCB-1248		19	U	1.5	19
PCB-1254		19	U	1.6	19
PCB-1260		19	U	1.6	19

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	61		24 - 150
DCB Decachlorobiphenyl	52		24 - 150

KLP 8/18/09

JAM 8/12/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9499-1  
Sdg Number: 220-9499

**Client Sample ID: WWSB-22 (3-4)**

Lab Sample ID: 220-9499-2  
Client Matrix: Solid

% Moisture: 9.6

Date Sampled: 06/29/2009 1500  
Date Received: 06/30/2009 1730

### 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 220-28802	Instrument ID: GC9
Preparation:	3550B	Prep Batch: 220-28680	Initial Weight/Volume: 30.09 g
Dilution:	1.0		Final Weight/Volume: 10.0 mL
Date Analyzed:	07/06/2009 2110		Injection Volume: 1.0 uL
Date Prepared:	07/01/2009 1341		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		19	U	1.5	19
PCB-1221		19	U	1.5	19
PCB-1232		19	U	1.5	19
PCB-1242		19	U	1.5	19
PCB-1248		19	U	1.5	19
PCB-1254		19	U	1.6	19
PCB-1260		19	U	1.6	19

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	61		24 - 150
DCB Decachlorobiphenyl	153	*	24 - 150

KP/8/158/09

Jan  
8/12/09

Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9499-1  
Sdg Number: 220-9499

Client Sample ID: WWSB-21 (1-2)

Lab Sample ID: 220-9499-4  
Client Matrix: Solid

% Moisture: 12.3

Date Sampled: 07/01/2009 1600  
Date Received: 07/02/2009 2000

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 220-28884	Instrument ID:	GC9
Preparation:	3550B	Prep Batch: 220-28789	Initial Weight/Volume:	30.27 g
Dilution:	1.0		Final Weight/Volume:	10 mL
Date Analyzed:	07/08/2009 1705		Injection Volume:	1.0 uL
Date Prepared:	07/07/2009 0841		Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		19	U	1.5	19
PCB-1221		19	U	1.5	19
PCB-1232		19	U	1.5	19
PCB-1242		19	U	1.5	19
PCB-1248		19	U	1.5	19
PCB-1254		19	U	1.6	19
PCB-1260		12	Jp ✓	1.6	19

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	37		24 - 150
DCB Decachlorobiphenyl	52		24 - 150

KP 8/18/09

Jam 8/2/09



**Analytical Data**

Client: GEI Consultants, Inc.

Job Number: 220-9499-1  
Sdg Number: 220-9499

Client Sample ID: **WWSB-20 (3-5)**

Lab Sample ID: 220-9499-1  
Client Matrix: Solid

% Moisture: 12.1

Date Sampled: 06/29/2009 1540  
Date Received: 06/30/2009 1730

**8081A Organochlorine Pesticides (GC)**

Method:	8081A	Analysis Batch: 220-28909	Instrument ID:	GC8
Preparation:	3550B	Prep Batch: 220-28680	Initial Weight/Volume:	30.03 g
Dilution:	1.0		Final Weight/Volume:	10.0 mL
Date Analyzed:	07/08/2009 0006		Injection Volume:	1.0 uL
Date Prepared:	07/01/2009 1341		Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		3.8	U ✓	0.68	3.8
4,4'-DDE		3.8	U ✓	0.76	3.8
4,4'-DDT		3.8	U J ✓	0.92	3.8
Aldrin		1.9	U J ✓	0.21	1.9
alpha-BHC		1.9	U ✓	0.28	1.9
beta-BHC		1.9	U J ✓	0.43	1.9
delta-BHC		1.9	U ✓	0.41	1.9
Dieldrin		3.8	U ✓	0.65	3.8
Endosulfan I		1.9	U J ✓	0.33	1.9
Endosulfan II		3.8	U J ✓	0.71	3.8
Endosulfan sulfate		3.8	U ✓	0.68	3.8
Endrin		3.8	U ✓	0.70	3.8
Endrin aldehyde		3.8	U J ✓	0.46	3.8
Endrin ketone		3.8	U ✓	0.69	3.8
gamma-BHC (Lindane)		1.9	U J ✓	0.33	1.9
Heptachlor		1.9	U ✓	0.36	1.9
Heptachlor epoxide		1.9	U ✓	0.34	1.9
Methoxychlor		19	U ✓	4.2	19
Toxaphene		94	U ✓	10	94
alpha-Chlordane		1.9	U J ✓	0.31	1.9
gamma-Chlordane		1.9	U ✓	0.60	1.9

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	64		25 - 159
Tetrachloro-m-xylene	54		24 - 154

*KP 8/18/09*

*Jam 8/2/09*

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9499-1  
Sdg Number: 220-9499

Client Sample ID: **WWSB-22 (3-4)**

Lab Sample ID: 220-9499-2  
Client Matrix: Solid

% Moisture: 9.6

Date Sampled: 06/29/2009 1500  
Date Received: 06/30/2009 1730

## 8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch: 220-28909	Instrument ID:	GC8
Preparation:	3550B	Prep Batch: 220-28680	Initial Weight/Volume:	30.09 g
Dilution:	1.0		Final Weight/Volume:	10.0 mL
Date Analyzed:	07/08/2009 0031		Injection Volume:	1.0 uL
Date Prepared:	07/01/2009 1341		Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		<del>3.5</del> 3.6U ✓	Jp ✓	0.66	3.6
4,4'-DDE		3.6	U ✓	0.74	3.6
4,4'-DDT		4.7 J ✓	p ✓	0.89	3.6
Aldrin		<del>0.53</del> 1.9UJ ✓	Jp ✓	0.20	1.9
alpha-BHC		1.9	U ✓	0.27	1.9
beta-BHC		<del>0.40</del> 1.9UJ ✓	Jp ✓	0.41	1.9
delta-BHC		1.9	U ✓	0.40	1.9
Dieldrin		3.6	U ✓	0.63	3.6
Endosulfan I		1.9	UJ ✓	0.32	1.9
Endosulfan II		3.5	J ✓	0.69	3.6
Endosulfan sulfate		<del>4.7</del> 3.6U ✓	Jp ✓	0.66	3.6
Endrin		3.6	U ✓	0.68	3.6
Endrin aldehyde		9.3 J ✓		0.45	3.6
Endrin ketone		3.6	U ✓	0.67	3.6
gamma-BHC (Lindane)		<del>4.3</del> 1.9UJ ✓	Jp ✓	0.32	1.9
Heptachlor		<del>4.1</del> 1.9U ✓	Jp ✓	0.35	1.9
Heptachlor epoxide		<del>4.1</del> 1.9U ✓	Jp ✓	0.33	1.9
Methoxychlor		<del>4.2</del> 1.9U ✓	Jp ✓	4.0	19
Toxaphene		92	U ✓	10	92
alpha-Chlordane		1.9	UJ ✓	0.30	1.9
gamma-Chlordane		<del>4.6</del> 1.9U ✓	Jp ✓	0.58	1.9
Surrogate		%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl		152	p	25 - 159	
Tetrachloro-m-xylene		85		24 - 154	

*KP 8/18/09*

*Jam 8/1/09*

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9499-1  
Sdg Number: 220-9499

Client Sample ID: **WWSB-21 (1-2)**

Lab Sample ID: 220-9499-4  
Client Matrix: Solid

% Moisture: 12.3

Date Sampled: 07/01/2009 1600  
Date Received: 07/02/2009 2000

### 8081A Organochlorine Pesticides (GC)

Method: 8081A	Analysis Batch: 220-29226	Instrument ID: GC8
Preparation: 3550B	Prep Batch: 220-28789	Initial Weight/Volume: 30.27 g
Dilution: 1.0		Final Weight/Volume: 10 mL
Date Analyzed: 07/20/2009 1427		Injection Volume: 1.0 uL
Date Prepared: 07/07/2009 0841		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		3.7	U	0.67	3.7
4,4'-DDE		3.7	U J ✓	0.76	3.7
4,4'-DDT		3.7	U J ✓	0.92	3.7
Aldrin		<del>1.2</del> 1.9 U J ✓	J-p ✓	0.20	1.9
alpha-BHC		<del>1.2</del> 1.9 U J ✓	J-p ✓	0.28	1.9
beta-BHC		<del>0.73</del> 1.9 U J ✓	J-p ✓	0.42	1.9
delta-BHC		<del>1.4</del> 1.9 U J ✓	J-p ✓	0.41	1.9
Dieldrin		2.0	J ✓	0.65	3.7
Endosulfan I		1.9	U J ✓	0.33	1.9
Endosulfan II		6.4 J N ✓	p ✓	0.70	3.7
Endosulfan sulfate		3.7	U J ✓	0.67	3.7
Endrin		3.7	U J ✓	0.70	3.7
Endrin ketone		3.7	U J ✓	0.69	3.7
gamma-BHC (Lindane)		<del>1.2</del> 1.9 U J ✓	J-p ✓	0.32	1.9
Heptachlor		1.5	J ✓	0.36	1.9
Heptachlor epoxide		<del>0.79</del> 1.9 U J ✓	J-p ✓	0.34	1.9
Methoxychlor		<del>15</del> 19 U J ✓	J-p ✓	4.1	19
Toxaphene		94	U	10	94
alpha-Chlordane		1.9	U J ✓	0.31	1.9
gamma-Chlordane		2.1 J ✓	p ✓	0.60	1.9
Surrogate		%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl		132		25 - 159	
Tetrachloro-m-xylene		100	p	24 - 154	

*KP*  
*8/18/09*

*Jam*  
*8/12/09*

Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9499-1  
Sdg Number: 220-9499

Client Sample ID: WWSB-21 (1-2)

Lab Sample ID: 220-9499-4  
Client Matrix: Solid

% Moisture: 12.3

Date Sampled: 07/01/2009 1600  
Date Received: 07/02/2009 2000

8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch: 220-29230	Instrument ID:	GC7
Preparation:	3550B	Prep Batch: 220-28789	Initial Weight/Volume:	30.27 g
Dilution:	1.0		Final Weight/Volume:	10 mL
Date Analyzed:	07/09/2009 1441		Injection Volume:	1.0 uL
Date Prepared:	07/07/2009 0841		Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Endrin aldehyde		8.2 J ✓		0.46	3.7

KP 8/18/09

Jan 8/12/09



TestAmerica Connecticut

Client Sample ID: WWSB-20 (3-5)

GC Semivolatiles

Lot-Sample #...: A9G070130-001 Work Order #...: LF4Q11AC Matrix.....: SO  
Date Sampled...: 06/29/09 15:40 Date Received...: 07/07/09  
Prep Date.....: 07/08/09 Analysis Date...: 07/09/09  
Prep Batch #...: 9189023  
Dilution Factor: 1 Initial Wgt/Vol: 50.02 g Final Wgt/Vol...: 100 mL  
% Moisture.....: 9.9 Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-D	ND <i>UJ</i> ✓	89	ug/kg	40
2,4,5-TP (Silvex)	ND	22	ug/kg	2.4
2,4,5-T	ND <i>UJ</i> ✓	22	ug/kg	3.6
	PERCENT RECOVERY	RECOVERY LIMITS		
SURROGATE				
2,4-Dichlorophenylacetic acid	81	(19 - 122)		

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

*KP 8/18/09*

*EMM 8/10/09*

TestAmerica Connecticut

Client Sample ID: WWSB-22 (3-4)

GC Semivolatiles

Lot-Sample #...: A9G070130-002    Work Order #...: LF4Q31AC    Matrix.....: SO  
Date Sampled...: 06/29/09 15:00    Date Received...: 07/07/09  
Prep Date.....: 07/08/09    Analysis Date...: 07/09/09  
Prep Batch #...: 9189023  
Dilution Factor: 1    Initial Wgt/Vol: 50.03 g    Final Wgt/Vol...: 100 mL  
% Moisture.....: 12    Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
2,4-D	ND <i>UJ</i> ✓	91	ug/kg	41
2,4,5-TP (Silvex)	ND	23	ug/kg	2.5
2,4,5-T	ND <i>UJ</i> ✓	23	ug/kg	3.7
SURROGATE		PERCENT	RECOVERY	
2,4-Dichlorophenylacetic acid		RECOVERY	LIMITS	
		85	(19 - 122)	

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

*FP 8/18/09*

*Emm 8/10/09*

TestAmerica Connecticut

Client Sample ID: WWSB-21 (1-2)

GC Semivolatiles

Lot-Sample #...: A9G070130-003 Work Order #...: LF4Q51AC Matrix.....: SO  
Date Sampled...: 07/01/09 16:00 Date Received...: 07/07/09  
Prep Date.....: 07/08/09 Analysis Date...: 07/09/09  
Prep Batch #...: 9189023  
Dilution Factor: 1 Initial Wgt/Vol: 50.05 g Final Wgt/Vol...: 100 mL  
% Moisture.....: 19 Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-D	ND <i>UJ</i> ✓	99	ug/kg	45
2,4,5-TP (Silvex)	ND	25	ug/kg	2.7
2,4,5-T	ND <i>UJ</i> ✓	25	ug/kg	4.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4-Dichlorophenylacetic acid	72	(19 - 122)

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

*KP 8/18/09*

*ETM  
8/10/09*





# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

Client Sample ID: WWSB-01 (1-5)

Lab Sample ID: 220-9593-1

Date Sampled: 07/10/2009 1000

Client Matrix: Solid

% Moisture: 13.7

Date Received: 07/10/2009 1940

## 8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch:	220-29296	Instrument ID:	MSO
Preparation:	5030B			Lab File ID:	O1871.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Date Analyzed:	07/20/2009 2116			Final Weight/Volume:	5 mL
Date Prepared:	07/20/2009 2116				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	23U	<del>5.6</del>	<del>J-B*</del> UJ ✓	2.6	23
Benzene		5.8	U	0.66	5.8
Bromodichloromethane		5.8	U	0.35	5.8
Bromoform		5.8	U	0.71	5.8
Bromomethane		5.8	U	2.4	5.8
Methyl Ethyl Ketone		12	U	1.8	12
Carbon disulfide		5.8	U	0.48	5.8
Carbon tetrachloride		5.8	U	1.1	5.8
Chlorobenzene		5.8	U	0.68	5.8
Chloroethane		5.8	U UJ ✓	1.1	5.8
Chloroform		5.8	U	0.39	5.8
Chloromethane		5.8	U	0.90	5.8
Dibromochloromethane		5.8	U	0.41	5.8
1,1-Dichloroethane		5.8	U	0.35	5.8
1,2-Dichloroethane		5.8	U	0.67	5.8
1,1-Dichloroethene		5.8	U	0.67	5.8
1,2-Dichloropropane		5.8	U	0.78	5.8
cis-1,3-Dichloropropene		5.8	U	0.65	5.8
trans-1,3-Dichloropropene		5.8	U	0.31	5.8
Ethylbenzene		5.8	U	0.81	5.8
2-Hexanone		12	U	1.4	12
Methylene Chloride	23U	<del>12</del>	<del>J-B*</del> UJ ✓	1.3	23
methyl isobutyl ketone		5.8	U	0.64	5.8
Styrene		5.8	U	0.17	5.8
1,1,2,2-Tetrachloroethane		5.8	U	0.60	5.8
Tetrachloroethene		5.8	U	0.94	5.8
Toluene		5.8	U	0.086	5.8
1,1,1-Trichloroethane		5.8	U	0.61	5.8
1,1,2-Trichloroethane		5.8	U	0.43	5.8
Trichloroethene		5.8	U	0.94	5.8
Vinyl chloride		5.8	U	0.27	5.8
Xylenes, Total		5.8	U	0.56	5.8
cis-1,2-Dichloroethene		5.8	U	0.43	5.8
trans-1,2-Dichloroethene		5.8	U	0.45	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		59 - 132
4-Bromofluorobenzene	115		34 - 124
Dibromofluoromethane	88		59 - 123
Toluene-d8 (Surr)	93		50 - 118

9/28/09  
  
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 9/8/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

Client Sample ID: **WWSB-01 (14-15)**

Lab Sample ID: 220-9593-2

Date Sampled: 07/10/2009 1030

Client Matrix: Solid

% Moisture: 9.9

Date Received: 07/10/2009 1940

### 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B	Analysis Batch: 220-29125	Instrument ID: MSO
Preparation: 5030B		Lab File ID: O1820.D
Dilution: 1.0		Initial Weight/Volume: 5 g
Date Analyzed: 07/17/2009 0332		Final Weight/Volume: 5 mL
Date Prepared: 07/17/2009 0332		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		64	J ✓	2.5	22
Benzene		5.5	U	0.63	5.5
Bromodichloromethane		5.5	U	0.33	5.5
Bromoform		5.5	U	0.68	5.5
Bromomethane		5.5	U	2.3	5.5
Methyl Ethyl Ketone		11	U ✓	1.8	11
Carbon disulfide		1.6	J ✓	0.45	5.5
Carbon tetrachloride		5.5	U	1.1	5.5
Chlorobenzene		5.5	U	0.65	5.5
Chloroethane		5.5	U J ✓	1.1	5.5
Chloroform		5.5	U	0.38	5.5
Chloromethane		5.5	U	0.87	5.5
Dibromochloromethane		5.5	U	0.39	5.5
1,1-Dichloroethane		5.5	U	0.33	5.5
1,2-Dichloroethane		5.5	U	0.64	5.5
1,1-Dichloroethene		5.5	U	0.64	5.5
1,2-Dichloropropane		5.5	U	0.74	5.5
cis-1,3-Dichloropropene		5.5	U	0.62	5.5
trans-1,3-Dichloropropene		5.5	U	0.30	5.5
Ethylbenzene		5.5	U	0.78	5.5
2-Hexanone		11	U	1.3	11
Methylene Chloride	220	<del>9.6</del>	<del>J*B-UJ</del> ✓	1.2	22
methyl isobutyl ketone		5.5	U	0.61	5.5
Styrene		5.5	U	0.17	5.5
1,1,2,2-Tetrachloroethane		30	J ✓	0.58	5.5
Tetrachloroethene		5.5	U	0.90	5.5
Toluene		5.5	U	0.082	5.5
1,1,1-Trichloroethane		5.5	U	0.59	5.5
1,1,2-Trichloroethane		5.5	U	0.41	5.5
Trichloroethene		5.5	U	0.90	5.5
Vinyl chloride		5.5	U	0.26	5.5
Xylenes, Total		1.0	J J ✓	0.54	5.5
cis-1,2-Dichloroethene		5.5	U	0.41	5.5
trans-1,2-Dichloroethene		5.5	U	0.43	5.5
<hr/>					
Surrogate	%Rec	Qualifier	Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	93		59 - 132		
4-Bromofluorobenzene	162	*	34 - 124		
Dibromofluoromethane	73		59 - 123		
Toluene-d8 (Surr)	75		50 - 118		

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

**Client Sample ID: WWSW-02 (2-5)**

Lab Sample ID: 220-9593-3

Date Sampled: 07/10/2009 1245

Client Matrix: Solid

% Moisture: 14.0

Date Received: 07/10/2009 1940

### 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B	Analysis Batch: 220-29125	Instrument ID: MSO
Preparation: 5030B		Lab File ID: O1821.D
Dilution: 1.0		Initial Weight/Volume: 5 g
Date Analyzed: 07/17/2009 0357		Final Weight/Volume: 5 mL
Date Prepared: 07/17/2009 0357		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		5.0	J ✓	2.6	23
Benzene		5.8	U	0.66	5.8
Bromodichloromethane		5.8	U	0.35	5.8
Bromoform		5.8	U	0.71	5.8
Bromomethane		5.8	U ✓	2.4	5.8
Methyl Ethyl Ketone		12	U ✓	1.8	12
Carbon disulfide		5.8	U	0.48	5.8
Carbon tetrachloride		5.8	U	1.1	5.8
Chlorobenzene		5.8	U	0.69	5.8
Chloroethane		5.8	U UJ ✓	1.1	5.8
Chloroform		5.8	U	0.40	5.8
Chloromethane		5.8	U	0.91	5.8
Dibromochloromethane		5.8	U	0.41	5.8
1,1-Dichloroethane		5.8	U	0.35	5.8
1,2-Dichloroethane		5.8	U	0.67	5.8
1,1-Dichloroethene		5.8	U	0.67	5.8
1,2-Dichloropropane		5.8	U	0.78	5.8
cis-1,3-Dichloropropene		5.8	U	0.65	5.8
trans-1,3-Dichloropropene		5.8	U	0.31	5.8
Ethylbenzene		5.8	U	0.81	5.8
2-Hexanone		12	U	1.4	12
Methylene Chloride	230	<del>7.2</del>	J B* UJ ✓	1.3	23
methyl isobutyl ketone		5.8	U	0.64	5.8
Styrene		5.8	U	0.17	5.8
1,1,2,2-Tetrachloroethane		5.8	U	0.60	5.8
Tetrachloroethene		5.8	U	0.94	5.8
Toluene		5.8	U	0.086	5.8
1,1,1-Trichloroethane		5.8	U	0.62	5.8
1,1,2-Trichloroethane		5.8	U	0.43	5.8
Trichloroethene		5.8	U	0.94	5.8
Vinyl chloride		5.8	U	0.27	5.8
Xylenes, Total		5.8	U	0.57	5.8
cis-1,2-Dichloroethene		5.8	U	0.43	5.8
trans-1,2-Dichloroethene		5.8	U	0.45	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	70		59 - 132
4-Bromofluorobenzene	63		34 - 124
Dibromofluoromethane	73		59 - 123
Toluene-d8 (Surr)	62		50 - 118

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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

Client Sample ID: WWSW-XX (1-2)

Lab Sample ID: 220-9593-4

Date Sampled: 07/10/2009 1300

Client Matrix: Solid

% Moisture: 15.2

Date Received: 07/10/2009 1940

## 8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-29240	Instrument ID:	MSO
Preparation:	5030B		Lab File ID:	O1855.D
Dilution:	1.0		Initial Weight/Volume:	5 g
Date Analyzed:	07/20/2009 0530		Final Weight/Volume:	5 mL
Date Prepared:	07/20/2009 0530			

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	24V	<del>4.1</del>	<del>J*B-UJ</del>	2.6	24
Benzene		5.9	U	0.67	5.9
Bromodichloromethane		5.9	U	0.35	5.9
Bromoform		5.9	U	0.72	5.9
Bromomethane		5.9	U	2.5	5.9
Methyl Ethyl Ketone		12	U ✓	1.9	12
Carbon disulfide		5.9	U	0.48	5.9
Carbon tetrachloride		5.9	U	1.1	5.9
Chlorobenzene		5.9	U	0.70	5.9
Chloroethane		5.9	U	1.2	5.9
Chloroform		5.9	U	0.40	5.9
Chloromethane		5.9	U	0.92	5.9
Dibromochloromethane		5.9	U	0.41	5.9
1,1-Dichloroethane		5.9	U	0.35	5.9
1,2-Dichloroethane		5.9	U	0.68	5.9
1,1-Dichloroethene		5.9	U	0.68	5.9
1,2-Dichloropropane		5.9	U	0.79	5.9
cis-1,3-Dichloropropene		5.9	U	0.66	5.9
trans-1,3-Dichloropropene		5.9	U	0.32	5.9
Ethylbenzene		5.9	U	0.83	5.9
2-Hexanone		12	U	1.4	12
Methylene Chloride	24V	<del>3.4</del>	<del>J*B</del>	1.3	24
methyl isobutyl ketone		5.9	U	0.65	5.9
Styrene		5.9	U	0.18	5.9
1,1,2,2-Tetrachloroethane		5.9	U	0.61	5.9
Tetrachloroethene		5.9	U	0.95	5.9
Toluene		5.9	U	0.087	5.9
1,1,1-Trichloroethane		5.9	U	0.62	5.9
1,1,2-Trichloroethane		5.9	U	0.44	5.9
Trichloroethene		5.9	U	0.95	5.9
Vinyl chloride		5.9	U	0.27	5.9
Xylenes, Total		5.9	U	0.57	5.9
cis-1,2-Dichloroethene		5.9	U	0.44	5.9
trans-1,2-Dichloroethene		5.9	U	0.46	5.9

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	64		59 - 132
4-Bromofluorobenzene	52		34 - 124
Dibromofluoromethane	65		59 - 123
Toluene-d8 (Surr)	57		50 - 118

9/28/09  
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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

**Client Sample ID: TB-070909**

Lab Sample ID: 220-9593-5TB

Date Sampled: 07/09/2009 1330

Client Matrix: Water

Date Received: 07/10/2009 1940

### 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B	Analysis Batch: 220-29142	Instrument ID: MSL	
Preparation: 5030B		Lab File ID: L6094.D	
Dilution: 1.0		Initial Weight/Volume: 5 mL	
Date Analyzed: 07/16/2009 2017		Final Weight/Volume: 5 mL	
Date Prepared: 07/16/2009 2017			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U ✓	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U ✓	1.1	10
Methylene Chloride	1.6	JB I ✓	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		65 - 136
4-Bromofluorobenzene	90		51 - 142
Dibromofluoromethane	94		68 - 132
Toluene-d8 (Surr)	90		63 - 127

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

**Client Sample ID: FB-070909**

Lab Sample ID: 220-9593-6FB

Date Sampled: 07/09/2009 1300

Client Matrix: Water

Date Received: 07/10/2009 1940

### 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B	Analysis Batch: 220-29142	Instrument ID: MSL	
Preparation: 5030B		Lab File ID: L6093.D	
Dilution: 1.0		Initial Weight/Volume: 5 mL	
Date Analyzed: 07/16/2009 1954		Final Weight/Volume: 5 mL	
Date Prepared: 07/16/2009 1954			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U*	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		65 - 136
4-Bromofluorobenzene	101		51 - 142
Dibromofluoromethane	102		68 - 132
Toluene-d8 (Surr)	100		63 - 127

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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

Client Sample ID: **WWMW-02 (15-17)**

Lab Sample ID: 220-9593-7

Date Sampled: 07/10/2009 1440

Client Matrix: Solid

% Moisture: 15.5

Date Received: 07/10/2009 1940

## 8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-29240	Instrument ID:	MSO
Preparation:	5030B		Lab File ID:	O1856.D
Dilution:	1.0		Initial Weight/Volume:	5 g
Date Analyzed:	07/20/2009 0554		Final Weight/Volume:	5 mL
Date Prepared:	07/20/2009 0554			

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	24U	<del>24</del>	<del>J*B</del> UJ ✓	2.6	24
Benzene		5.9	U	0.67	5.9
Bromodichloromethane		5.9	U	0.35	5.9
Bromoform		5.9	U	0.72	5.9
Bromomethane		5.9	U	2.5	5.9
Methyl Ethyl Ketone		12	U ✓	1.9	12
Carbon disulfide		1.4	J ✓	0.49	5.9
Carbon tetrachloride		5.9	U	1.1	5.9
Chlorobenzene		5.9	U	0.70	5.9
Chloroethane		5.9	U	1.2	5.9
Chloroform		5.9	U	0.40	5.9
Chloromethane		5.9	U	0.92	5.9
Dibromochloromethane		5.9	U	0.41	5.9
1,1-Dichloroethane		5.9	U	0.35	5.9
1,2-Dichloroethane		5.9	U	0.69	5.9
1,1-Dichloroethene		5.9	U	0.69	5.9
1,2-Dichloropropane		5.9	U	0.79	5.9
cis-1,3-Dichloropropene		5.9	U	0.66	5.9
trans-1,3-Dichloropropene		5.9	U	0.32	5.9
Ethylbenzene		5.9	U	0.83	5.9
2-Hexanone		12	U	1.4	12
Methylene Chloride	24U	<del>6.7</del>	<del>J*B</del> ✓	1.3	24
methyl isobutyl ketone		5.9	U	0.65	5.9
Styrene		5.9	U	0.18	5.9
1,1,2,2-Tetrachloroethane		5.9	U	0.62	5.9
Tetrachloroethene		5.9	U	0.96	5.9
Toluene		0.33	J ✓	0.088	5.9
1,1,1-Trichloroethane		5.9	U	0.63	5.9
1,1,2-Trichloroethane		5.9	U	0.44	5.9
Trichloroethene		5.9	U	0.96	5.9
Vinyl chloride		5.9	U	0.27	5.9
Xylenes, Total		5.9	U	0.57	5.9
cis-1,2-Dichloroethene		5.9	U	0.44	5.9
trans-1,2-Dichloroethene		5.9	U	0.46	5.9

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	73		59 - 132
4-Bromofluorobenzene	287	*	34 - 124
Dibromofluoromethane	74		59 - 123
Toluene-d8 (Surr)	75		50 - 118

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

**Client Sample ID: WWSB-01 (1-5)**

Lab Sample ID: 220-9593-1

Date Sampled: 07/10/2009 1000

Client Matrix: Solid

% Moisture: 13.7

Date Received: 07/10/2009 1940

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29052	Instrument ID: MSZ
Preparation:	3541	Prep Batch: 220-28950	Lab File ID: Z11737.D
Dilution:	1.0		Initial Weight/Volume: 15.16 g
Date Analyzed:	07/14/2009 1952		Final Weight/Volume: 1 mL
Date Prepared:	07/13/2009 0810		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		310	U	18	310
Acenaphthylene		310	U	15	310
Anthracene		310	U	12	310
Benzo[a]anthracene		310	U	11	310
Benzo[a]pyrene		310	U	8.4	310
Benzo[b]fluoranthene		310	U	8.3	310
Benzo[g,h,i]perylene		310	U	20	310
Benzo[k]fluoranthene		310	U	28	310
Bis(2-chloroethoxy)methane		310	U	14	310
Bis(2-chloroethyl)ether		310	U	16	310
Bis(2-ethylhexyl) phthalate		480	B-J ✓	30	310
Butyl benzyl phthalate		120	J	17	310
Carbazole		310	U	17	310
Chrysene		310	U	23	310
Di-n-butyl phthalate		310	U	45	310
Di-n-octyl phthalate		310	U	18	310
4-Bromophenyl phenyl ether		310	U	20	310
4-Chloroaniline		310	U	50	310
2-Chloronaphthalene		310	U	13	310
4-Chlorophenyl phenyl ether		310	U	23	310
Dibenz(a,h)anthracene		310	U	24	310
Dibenzofuran		310	U	22	310
Diethyl phthalate		310	U	31	310
Dimethyl phthalate		310	U	18	310
1,2-Dichlorobenzene		310	U	18	310
1,3-Dichlorobenzene		310	U	15	310
1,4-Dichlorobenzene		310	U	18	310
3,3'-Dichlorobenzidine		770	U	64	770
2,4-Dinitrotoluene		310	U	25	310
2,6-Dinitrotoluene		310	U	9.1	310
Fluoranthene		310	U	15	310
Fluorene		310	U	19	310
Hexachlorobenzene		310	U	21	310
Hexachlorobutadiene		310	U	24	310
Hexachlorocyclopentadiene		770	U	150	770
Hexachloroethane		310	U	18	310
Indeno[1,2,3-cd]pyrene		310	U	20	310
Isophorone		310	U	17	310
2-Methylnaphthalene		310	U	8.8	310
Naphthalene		310	U	16	310
2-Nitroaniline		1900	U	19	1900
3-Nitroaniline		1900	U	9.9	1900
Nitrobenzene		310	U	20	310
N-Nitrosodi-n-propylamine		310	U	21	310
N-Nitrosodiphenylamine		310	U	17	310
Phenanthrene		310	U	15	310

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

Client Sample ID: **WWSB-01 (1-5)**

Lab Sample ID: 220-9593-1

Date Sampled: 07/10/2009 1000

Client Matrix: Solid

% Moisture: 13.7

Date Received: 07/10/2009 1940

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29052	Instrument ID: MSZ
Preparation:	3541	Prep Batch: 220-28950	Lab File ID: Z11737.D
Dilution:	1.0		Initial Weight/Volume: 15.16 g
Date Analyzed:	07/14/2009 1952		Final Weight/Volume: 1 mL
Date Prepared:	07/13/2009 0810		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		310	U	15	310
1,2,4-Trichlorobenzene		310	U	20	310
4-Chloro-3-methylphenol		310	U	13	310
2-Chlorophenol		310	U	18	310
2-Methylphenol		310	U	19	310
4-Methylphenol		310	U	20	310
2,4-Dichlorophenol		310	U	17	310
2,4-Dimethylphenol		310	U	15	310
2,4-Dinitrophenol		1900	U	93	1900
4,6-Dinitro-2-methylphenol		1900	U	130	1900
2-Nitrophenol		310	U	19	310
4-Nitrophenol		1900	U	23	1900
Pentachlorophenol		1900	U	190	1900
Phenol		310	U	21	310
2,4,5-Trichlorophenol		1900	U	16	1900
2,4,6-Trichlorophenol		310	U	8.5	310
Benzyl alcohol		310	U	29	310
4-Nitroaniline		310	U	24	310
2,2'-oxybis[1-chloropropane]		310	U	16	310

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	78		41 - 120
2-Fluorophenol	73		34 - 120
2,4,6-Tribromophenol	75		37 - 120
Nitrobenzene-d5	79		38 - 120
Phenol-d5	75		36 - 120
Terphenyl-d14	94		32 - 125

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

Client Sample ID: **WWSB-01 (14-15)**

Lab Sample ID: 220-9593-2

Date Sampled: 07/10/2009 1030

Client Matrix: Solid

% Moisture: 9.9

Date Received: 07/10/2009 1940

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29622	Instrument ID: MSA
Preparation:	3541	Prep Batch: 220-29484	Lab File ID: A6434.D
Dilution:	1.0		Initial Weight/Volume: 15.06 g
Date Analyzed:	07/30/2009 2143		Final Weight/Volume: 1.0 mL
Date Prepared:	07/29/2009 0812		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		690	H	18	300
Acenaphthylene		300	UH	15	300
Anthracene		1100	H	12	300
Benzo[a]anthracene		340	H	11	300
Benzo[a]pyrene		140	JH	8.1	300
Benzo[b]fluoranthene		69	JH	8.0	300
Benzo[g,h,i]perylene		310	H	19	300
Benzo[k]fluoranthene		300	UH	27	300
Bis(2-chloroethoxy)methane		300	UH	14	300
Bis(2-chloroethyl)ether		300	UH	15	300
Bis(2-ethylhexyl) phthalate		630	H	29	300
Butyl benzyl phthalate		300	UH	17	300
Carbazole		300	UH	17	300
Chrysene		450	H	22	300
Di-n-butyl phthalate		300	UH	43	300
Di-n-octyl phthalate		300	UH	17	300
4-Bromophenyl phenyl ether		300	UH	19	300
4-Chloroaniline		300	UH	49	300
2-Chloronaphthalene		300	UH	13	300
4-Chlorophenyl phenyl ether		300	UH	22	300
Dibenz(a,h)anthracene		210	JH	23	300
Dibenzofuran		300	UH	21	300
Diethyl phthalate		300	UH	30	300
Dimethyl phthalate		300	UH	17	300
1,2-Dichlorobenzene		300	UH	18	300
1,3-Dichlorobenzene		300	UH	15	300
1,4-Dichlorobenzene		300	UH	18	300
3,3'-Dichlorobenzidine		740	UH	61	740
2,4-Dinitrotoluene		300	UH	24	300
2,6-Dinitrotoluene		300	UH	8.7	300
Fluoranthene		290	JH	15	300
Fluorene		800	H	18	300
Hexachlorobenzene		300	UH	21	300
Hexachlorobutadiene		300	UH	23	300
Hexachlorocyclopentadiene		740	UH	140	740
Hexachloroethane		300	UH	17	300
Indeno[1,2,3-cd]pyrene		250	JH	19	300
Isophorone		300	UH	16	300
2-Methylnaphthalene		300	UH	8.5	300
Naphthalene		300	UH	15	300
2-Nitroaniline		1900	UH	18	1900
3-Nitroaniline		1900	UH	9.5	1900
Nitrobenzene		300	UH	19	300
N-Nitrosodi-n-propylamine		300	UH	20	300
N-Nitrosodiphenylamine		300	UH	17	300
Phenanthrene		2800	H	15	300

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

**Client Sample ID: WWSB-01 (14-15)**

Lab Sample ID: 220-9593-2

Date Sampled: 07/10/2009 1030

Client Matrix: Solid

% Moisture: 9.9

Date Received: 07/10/2009 1940

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29622	Instrument ID: MSA
Preparation: 3541	Prep Batch: 220-29484	Lab File ID: A6434.D
Dilution: 1.0		Initial Weight/Volume: 15.06 g
Date Analyzed: 07/30/2009 2143		Final Weight/Volume: 1.0 mL
Date Prepared: 07/29/2009 0812		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		1000	H <i>J</i> ✓	14	300
1,2,4-Trichlorobenzene		300	U H <i>UJ</i> ✓	20	300
4-Chloro-3-methylphenol		300	U H <i>UJ</i> ✓	12	300
2-Chlorophenol		300	U H <i>UJ</i> ✓	17	300
2-Methylphenol		300	U H <i>UJ</i> ✓	18	300
4-Methylphenol		300	U H <i>UJ</i> ✓	20	300
2,4-Dichlorophenol		300	U H <i>UJ</i> ✓	16	300
2,4-Dimethylphenol		300	U H <i>UJ</i> ✓	14	300
2,4-Dinitrophenol		1900	U H <i>UJ</i> ✓	90	1900
4,6-Dinitro-2-methylphenol		1900	U H <i>UJ</i> ✓	130	1900
2-Nitrophenol		300	U H <i>UJ</i> ✓	19	300
4-Nitrophenol		1900	U H <i>UJ</i> ✓	23	1900
Pentachlorophenol		1900	U H <i>UJ</i> ✓	180	1900
Phenol		300	U H <i>UJ</i> ✓	20	300
2,4,5-Trichlorophenol		1900	U H <i>UJ</i> ✓	15	1900
2,4,6-Trichlorophenol		300	U H <i>UJ</i> ✓	8.2	300
Benzyl alcohol		300	U H <i>UJ</i> ✓	28	300
4-Nitroaniline		300	U H <i>UJ</i> ✓	23	300
2,2'-oxybis[1-chloropropane]		300	U H <i>UJ</i> ✓	15	300

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	67		41 - 120
2-Fluorophenol	52		34 - 120
2,4,6-Tribromophenol	44		37 - 120
Nitrobenzene-d5	72		38 - 120
Phenol-d5	59		36 - 120
Terphenyl-d14	58		32 - 125

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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1  
Sdg Number: 220-9545

Client Sample ID: WWSW-02 (2-5)

Lab Sample ID: 220-9593-3  
Client Matrix: Solid

% Moisture: 14.0

Date Sampled: 07/10/2009 1245  
Date Received: 07/10/2009 1940

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29308	Instrument ID:	MSZ
Preparation:	3541	Prep Batch: 220-28950	Lab File ID:	Z11873.D
Dilution:	2.0		Initial Weight/Volume:	15.35 g
Date Analyzed:	07/22/2009 2044		Final Weight/Volume:	1 mL
Date Prepared:	07/13/2009 0810		Injection Volume:	1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		250	J J ✓	36	610
Acenaphthylene		5900		30	610
Anthracene		2700		24	610
Benzo[a]anthracene		4400		22	610
Benzo[a]pyrene		6500		17	610
Benzo[b]fluoranthene		6200		16	610
Benzo[g,h,i]perylene		3200		40	610
Benzo[k]fluoranthene		2300		55	610
Bis(2-chloroethoxy)methane		610	U	28	610
Bis(2-chloroethyl)ether		610	U	32	610
Bis(2-ethylhexyl) phthalate	8700	<del>870</del>	B ✓	59	610
Butyl benzyl phthalate		610	U	34	610
Carbazole		370	J J ✓	34	610
Chrysene		5700		45	610
Di-n-butyl phthalate		610	U	89	610
Di-n-octyl phthalate		610	U	35	610
4-Bromophenyl phenyl ether		610	U	40	610
4-Chloroaniline		610	U	100	610
2-Chloronaphthalene		610	U	26	610
4-Chlorophenyl phenyl ether		610	U	45	610
Dibenz(a,h)anthracene		1400		48	610
Dibenzofuran		170	J J ✓	43	610
Diethyl phthalate		610	U	62	610
Dimethyl phthalate		610	U	35	610
1,2-Dichlorobenzene		610	U	36	610
1,3-Dichlorobenzene		610	U	31	610
1,4-Dichlorobenzene		610	U	36	610
3,3'-Dichlorobenzidine		1500	U	130	1500
2,4-Dinitrotoluene		610	U	49	610
2,6-Dinitrotoluene		610	U	18	610
Fluoranthene		5800	J J ✓	30	610
Fluorene		820		37	610
Hexachlorobenzene		610	U	43	610
Hexachlorobutadiene		610	U	47	610
Hexachlorocyclopentadiene		1500	U	290	1500
Hexachloroethane		610	U	35	610
Indeno[1,2,3-cd]pyrene		3200		40	610
Isophorone		610	U	34	610
2-Methylnaphthalene		360	J J ✓	18	610
Naphthalene		510	J J ✓	32	610
2-Nitroaniline		3900	U	37	3900
3-Nitroaniline		3900	U	20	3900
Nitrobenzene		610	U	39	610
N-Nitrosodi-n-propylamine		610	U	41	610
N-Nitrosodiphenylamine		610	U	35	610
Phenanthrene		4400	J J ✓	30	610

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

**Client Sample ID: WWSW-02 (2-5)**

Lab Sample ID: 220-9593-3

Date Sampled: 07/10/2009 1245

Client Matrix: Solid

% Moisture: 14.0

Date Received: 07/10/2009 1940

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29308	Instrument ID: MSZ
Preparation:	3541	Prep Batch: 220-28950	Lab File ID: Z11873.D
Dilution:	2.0		Initial Weight/Volume: 15.35 g
Date Analyzed:	07/22/2009 2044		Final Weight/Volume: 1 mL
Date Prepared:	07/13/2009 0810		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		7800		29	610
1,2,4-Trichlorobenzene		610	U	40	610
4-Chloro-3-methylphenol		610	U	25	610
2-Chlorophenol		610	U	36	610
2-Methylphenol		610	U	37	610
4-Methylphenol		610	U	40	610
2,4-Dichlorophenol		610	U	33	610
2,4-Dimethylphenol		610	U	30	610
2,4-Dinitrophenol		3900	U	180	3900
4,6-Dinitro-2-methylphenol		3900	U	260	3900
2-Nitrophenol		610	U	39	610
4-Nitrophenol		3900	U	46	3900
Pentachlorophenol		3900	U	370	3900
Phenol		610	U	41	610
2,4,5-Trichlorophenol		3900	U	31	3900
2,4,6-Trichlorophenol		610	U	17	610
Benzyl alcohol		610	U	58	610
4-Nitroaniline		610	U	47	610
2,2'-oxybis[1-chloropropane]		610	U	32	610

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	89		41 - 120
2-Fluorophenol	77		34 - 120
2,4,6-Tribromophenol	80		37 - 120
Nitrobenzene-d5	76		38 - 120
Phenol-d5	83		36 - 120
Terphenyl-d14	81		32 - 125

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

Client Sample ID: WWSW-XX (1-2)

Lab Sample ID: 220-9593-4

Date Sampled: 07/10/2009 1300

Client Matrix: Solid

% Moisture: 15.2

Date Received: 07/10/2009 1940

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29308	Instrument ID: MSZ
Preparation:	3541	Prep Batch: 220-28950	Lab File ID: Z11874.D
Dilution:	2.0		Initial Weight/Volume: 15.16 g
Date Analyzed:	07/22/2009 2110		Final Weight/Volume: 1 mL
Date Prepared:	07/13/2009 0810		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		290	J J ✓	37	630
Acenaphthylene		7200		31	630
Anthracene		2900		24	630
Benzo[a]anthracene		3700		22	630
Benzo[a]pyrene		8800		17	630
Benzo[b]fluoranthene		7300		17	630
Benzo[g,h,i]perylene		3200		41	630
Benzo[k]fluoranthene		2600		56	630
Bis(2-chloroethoxy)methane		630	U	29	630
Bis(2-chloroethyl)ether		630	U	33	630
Bis(2-ethylhexyl) phthalate	6300	400	J B ✓	61	630
Butyl benzyl phthalate		630	U	35	630
Carbazole		430	J J ✓	35	630
Chrysene		4700		46	630
Di-n-butyl phthalate		630	U	91	630
Di-n-octyl phthalate		630	U	36	630
4-Bromophenyl phenyl ether		630	U	41	630
4-Chloroaniline		630	U	100	630
2-Chloronaphthalene		630	U	27	630
4-Chlorophenyl phenyl ether		630	U	46	630
Dibenz(a,h)anthracene		1400		49	630
Dibenzofuran		120	J J ✓	44	630
Diethyl phthalate		630	U	63	630
Dimethyl phthalate		630	U	36	630
1,2-Dichlorobenzene		630	U	37	630
1,3-Dichlorobenzene		630	U	31	630
1,4-Dichlorobenzene		630	U	37	630
3,3'-Dichlorobenzidine		1600	U	130	1600
2,4-Dinitrotoluene		630	U	50	630
2,6-Dinitrotoluene		630	U	18	630
Fluoranthene		4000	J ✓	31	630
Fluorene		880		38	630
Hexachlorobenzene		630	U	44	630
Hexachlorobutadiene		630	U	49	630
Hexachlorocyclopentadiene		1600	U	300	1600
Hexachloroethane		630	U	36	630
Indeno[1,2,3-cd]pyrene		3400		41	630
Isophorone		630	U	35	630
2-Methylnaphthalene		270	J J ✓	18	630
Naphthalene		400	J J ✓	33	630
2-Nitroaniline		4000	U	38	4000
3-Nitroaniline		4000	U	20	4000
Nitrobenzene		630	U	40	630
N-Nitrosodi-n-propylamine		630	U	42	630
N-Nitrosodiphenylamine		630	U	35	630
Phenanthrene		2100	J ✓	31	630

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

Client Sample ID: **WWSW-XX (1-2)**

Lab Sample ID: 220-9593-4

Date Sampled: 07/10/2009 1300

Client Matrix: Solid

% Moisture: 15.2

Date Received: 07/10/2009 1940

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29308	Instrument ID: MSZ
Preparation: 3541	Prep Batch: 220-28950	Lab File ID: Z11874.D
Dilution: 2.0		Initial Weight/Volume: 15.16 g
Date Analyzed: 07/22/2009 2110		Final Weight/Volume: 1 mL
Date Prepared: 07/13/2009 0810		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		5900		30	630
1,2,4-Trichlorobenzene		630	U	41	630
4-Chloro-3-methylphenol		630	U	26	630
2-Chlorophenol		630	U	37	630
2-Methylphenol		630	U	38	630
4-Methylphenol		630	U	41	630
2,4-Dichlorophenol		630	U	34	630
2,4-Dimethylphenol		630	U	31	630
2,4-Dinitrophenol		4000	U	190	4000
4,6-Dinitro-2-methylphenol		4000	U	270	4000
2-Nitrophenol		630	U	40	630
4-Nitrophenol		4000	U	48	4000
Pentachlorophenol		4000	U	380	4000
Phenol		630	U	42	630
2,4,5-Trichlorophenol		4000	U	32	4000
2,4,6-Trichlorophenol		630	U	17	630
Benzyl alcohol		630	U	59	630
4-Nitroaniline		630	U	48	630
2,2'-oxybis[1-chloropropane]		630	U	33	630

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	86		41 - 120
2-Fluorophenol	79		34 - 120
2,4,6-Tribromophenol	85		37 - 120
Nitrobenzene-d5	82		38 - 120
Phenol-d5	83		36 - 120
Terphenyl-d14	73		32 - 125

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

**Client Sample ID: FB-070909**

Lab Sample ID: 220-9593-6FB

Date Sampled: 07/09/2009 1300

Client Matrix: Water

Date Received: 07/10/2009 1940

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29049	Instrument ID: MSC
Preparation:	3510C	Prep Batch: 220-28974	Lab File ID: C12253.D
Dilution:	1.0		Initial Weight/Volume: 1000 mL
Date Analyzed:	07/15/2009 1812		Final Weight/Volume: 1 mL
Date Prepared:	07/14/2009 0858		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	4.0	U	0.31	4.0
Acenaphthylene	4.0	U	0.34	4.0
Anthracene	4.0	U	0.29	4.0
Benzo[a]anthracene	4.0	U	0.30	4.0
Benzo[a]pyrene	4.0	U	0.35	4.0
Benzo[b]fluoranthene	4.0	U	0.36	4.0
Benzo[g,h,i]perylene	4.0	U	0.36	4.0
Benzo[k]fluoranthene	4.0	U	0.40	4.0
Bis(2-chloroethoxy)methane	4.0	U	0.31	4.0
Bis(2-chloroethyl)ether	4.0	U	0.29	4.0
Bis(2-ethylhexyl) phthalate	4.0	U	0.54	4.0
Butyl benzyl phthalate	4.0	U	0.35	4.0
Carbazole	4.0	U	0.33	4.0
Chrysene	4.0	U	0.25	4.0
Di-n-butyl phthalate	4.0	U	0.35	4.0
Di-n-octyl phthalate	4.0	U	0.38	4.0
4-Bromophenyl phenyl ether	4.0	U	0.44	4.0
4-Chloroaniline	4.0	U	0.29	4.0
2-Chloronaphthalene	4.0	U	0.39	4.0
4-Chlorophenyl phenyl ether	4.0	U	0.35	4.0
Dibenz(a,h)anthracene	4.0	U	0.38	4.0
Dibenzofuran	4.0	U	0.43	4.0
Diethyl phthalate	4.0	U	0.43	4.0
Dimethyl phthalate	4.0	U	0.38	4.0
1,2-Dichlorobenzene	4.0	U	0.31	4.0
1,3-Dichlorobenzene	4.0	U	0.25	4.0
1,4-Dichlorobenzene	4.0	U	0.31	4.0
3,3'-Dichlorobenzidine	4.0	U	0.36	4.0
2,4-Dinitrotoluene	4.0	U	0.40	4.0
2,6-Dinitrotoluene	4.0	U	0.26	4.0
Fluoranthene	4.0	U	0.31	4.0
Fluorene	4.0	U	0.26	4.0
Hexachlorobenzene	4.0	U	0.33	4.0
Hexachlorobutadiene	4.0	U	0.20	4.0
Hexachlorocyclopentadiene	4.0	U	0.35	4.0
Hexachloroethane	4.0	U	0.37	4.0
Indeno[1,2,3-cd]pyrene	4.0	U	0.28	4.0
Isophorone	4.0	U	0.31	4.0
2-Methylnaphthalene	4.0	U	0.27	4.0
Naphthalene	4.0	U	0.30	4.0
2-Nitroaniline	4.0	U	0.34	4.0
3-Nitroaniline	4.0	U	0.23	4.0
Nitrobenzene	4.0	U	0.28	4.0
N-Nitrosodi-n-propylamine	4.0	U	0.33	4.0
N-Nitrosodiphenylamine	4.0	U	0.33	4.0
Phenanthrene	4.0	U	0.28	4.0



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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

**Client Sample ID: FB-070909**

Lab Sample ID: 220-9593-6FB

Date Sampled: 07/09/2009 1300

Client Matrix: Water

Date Received: 07/10/2009 1940

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29049	Instrument ID: MSC
Preparation: 3510C	Prep Batch: 220-28974	Lab File ID: C12253.D
Dilution: 1.0		Initial Weight/Volume: 1000 mL
Date Analyzed: 07/15/2009 1812		Final Weight/Volume: 1 mL
Date Prepared: 07/14/2009 0858		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	4.0	U	0.33	4.0
1,2,4-Trichlorobenzene	4.0	U	0.36	4.0
4-Chloro-3-methylphenol	5.0	U	0.34	5.0
2-Chlorophenol	4.0	U	0.23	4.0
2-Methylphenol	4.0	U	0.24	4.0
4-Methylphenol	4.0	U	0.29	4.0
2,4-Dichlorophenol	4.0	U	0.33	4.0
2,4-Dimethylphenol	4.0	U	0.33	4.0
2,4-Dinitrophenol	25	U	0.43	25
4,6-Dinitro-2-methylphenol	25	U	1.9	25
2-Nitrophenol	4.0	U	0.27	4.0
4-Nitrophenol	10	U	1.4	10
Pentachlorophenol	25	U	0.31	25
Phenol	4.0	U	0.19	4.0
2,4,5-Trichlorophenol	10	U	0.28	10
2,4,6-Trichlorophenol	4.0	U	0.37	4.0
Benzyl alcohol	4.0	U	0.41	4.0
4-Nitroaniline	4.0	U	0.20	4.0
2,2'-oxybis[1-chloropropane]	4.0	U	0.25	4.0



Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	72		39 - 120
2-Fluorophenol	35		13 - 120
2,4,6-Tribromophenol	71		36 - 120
Nitrobenzene-d5	74		40 - 120
Phenol-d5	24		10 - 120
Terphenyl-d14	54		10 - 120

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

Client Sample ID: **WWMW-02 (15-17)**

Lab Sample ID: 220-9593-7

Date Sampled: 07/10/2009 1440

Client Matrix: Solid

% Moisture: 15.5

Date Received: 07/10/2009 1940

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29664	Instrument ID: MSC
Preparation: 3541	Prep Batch: 220-29484	Lab File ID: C12572.D
Dilution: 2.0		Initial Weight/Volume: 15.05 g
Date Analyzed: 07/31/2009 1945		Final Weight/Volume: 1.0 mL
Date Prepared: 07/29/2009 0812		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		890	H	38	640
Acenaphthylene		180	JH	31	640
Anthracene		270	JH	25	640
Benzo[a]anthracene		2000	H	23	640
Benzo[a]pyrene		760	H	17	640
Benzo[b]fluoranthene		840	H	17	640
Benzo[g,h,i]perylene		180	JH	42	640
Benzo[k]fluoranthene		290	JH	57	640
Bis(2-chloroethoxy)methane		640	UH	29	640
Bis(2-chloroethyl)ether		640	UH	33	640
Bis(2-ethylhexyl) phthalate		110	JH	62	640
Butyl benzyl phthalate		640	UH	36	640
Carbazole		640	UH	35	640
Chrysene		1700	H	47	640
Di-n-butyl phthalate		640	UH	92	640
Di-n-octyl phthalate		640	UH	36	640
4-Bromophenyl phenyl ether		640	UH	41	640
4-Chloroaniline		640	UH	100	640
2-Chloronaphthalene		640	UH	27	640
4-Chlorophenyl phenyl ether		640	UH	47	640
Dibenz(a,h)anthracene		210	JH	50	640
Dibenzofuran		640	UH	45	640
Diethyl phthalate		640	UH	64	640
Dimethyl phthalate		640	UH	37	640
1,2-Dichlorobenzene		640	UH	38	640
1,3-Dichlorobenzene		640	UH	32	640
1,4-Dichlorobenzene		640	UH	38	640
3,3'-Dichlorobenzidine		1600	UH	130	1600
2,4-Dinitrotoluene		640	UH	51	640
2,6-Dinitrotoluene		640	UH	19	640
Fluoranthene		9900	H	32	640
Fluorene		740	H	38	640
Hexachlorobenzene		640	UH	44	640
Hexachlorobutadiene		640	UH	49	640
Hexachlorocyclopentadiene		1600	UH	300	1600
Hexachloroethane		640	UH	36	640
Indeno[1,2,3-cd]pyrene		220	JH	41	640
Isophorone		640	UH	35	640
2-Methylnaphthalene		640	UH	18	640
Naphthalene		640	UH	33	640
2-Nitroaniline		4000	UH	39	4000
3-Nitroaniline		4000	UH	20	4000
Nitrobenzene		640	UH	41	640
N-Nitrosodi-n-propylamine		640	UH	43	640
N-Nitrosodiphenylamine		640	UH	36	640
Phenanthrene		50	JH	31	640

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

**Client Sample ID: WWMW-02 (15-17)**

Lab Sample ID: 220-9593-7

Date Sampled: 07/10/2009 1440

Client Matrix: Solid

% Moisture: 15.5

Date Received: 07/10/2009 1940

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29664	Instrument ID: MSC
Preparation: 3541	Prep Batch: 220-29484	Lab File ID: C12572.D
Dilution: 2.0		Initial Weight/Volume: 15.05 g
Date Analyzed: 07/31/2009 1945		Final Weight/Volume: 1.0 mL
Date Prepared: 07/29/2009 0812		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		6600	H <i>VJ</i> ✓	30	640
1,2,4-Trichlorobenzene		640	UH <i>VJ</i> ✓	42	640
4-Chloro-3-methylphenol		640	UH <i>VJ</i> ✓	26	640
2-Chlorophenol		640	UH <i>VJ</i> ✓	37	640
2-Methylphenol		640	UH <i>VJ</i> ✓	38	640
4-Methylphenol		640	UH <i>VJ</i> ✓	42	640
2,4-Dichlorophenol		640	UH <i>VJ</i> ✓	34	640
2,4-Dimethylphenol		640	UH <i>VJ</i> ✓	31	640
2,4-Dinitrophenol		4000	UH <i>VJ</i> ✓	190	4000
4,6-Dinitro-2-methylphenol		4000	UH <i>VJ</i> ✓	270	4000
2-Nitrophenol		640	UH <i>VJ</i> ✓	40	640
4-Nitrophenol		4000	UH <i>VJ</i> ✓	48	4000
Pentachlorophenol		4000	UH <i>VJ</i> ✓	390	4000
Phenol		640	UH <i>VJ</i> ✓	42	640
2,4,5-Trichlorophenol		4000	UH <i>VJ</i> ✓	32	4000
2,4,6-Trichlorophenol		640	UH <i>VJ</i> ✓	17	640
Benzyl alcohol		640	UH <i>VJ</i> ✓	60	640
4-Nitroaniline		640	UH <i>VJ</i> ✓	49	640
2,2'-oxybis[1-chloropropane]		640	UH <i>VJ</i> ✓	33	640

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	70		41 - 120
2-Fluorophenol	59		34 - 120
2,4,6-Tribromophenol	62		37 - 120
Nitrobenzene-d5	66		38 - 120
Phenol-d5	60		36 - 120
Terphenyl-d14	60		32 - 125

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*EMM*  
*9/8/09*



TestAmerica Connecticut

Client Sample ID: WWSB-01 (1-5)

GC Semivolatiles

Lot-Sample #...: A9G140187-001    Work Order #...: LGF461AC    Matrix.....: SO  
Date Sampled...: 07/10/09 10:00    Date Received...: 07/14/09  
Prep Date.....: 07/15/09    Analysis Date...: 07/17/09  
Prep Batch #...: 9196022  
Dilution Factor: 1    Initial Wgt/Vol: 50.02 g    Final Wgt/Vol...: 100 mL  
% Moisture.....: 14    Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
2,4-D	ND <i>UJV</i>	93	ug/kg	42
2,4,5-TP	ND	23	ug/kg	2.6
2,4,5-T	ND <i>UJV</i>	23	ug/kg	3.7
SURROGATE		PERCENT	RECOVERY	
2,4-Dichlorophenylacetic acid		RECOVERY	LIMITS	
		83	(19 - 122)	

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

*9/11/09*  
*EMM*  
*10/20/09*

TestAmerica Connecticut

Client Sample ID: WWSB-01 (1-5)

GC Semivolatiles

Lot-Sample #...: A9G140187-001    Work Order #...: LGF461AC    Matrix.....: SO  
 Date Sampled...: 07/10/09 10:00    Date Received...: 07/14/09  
 Prep Date.....: 07/15/09    Analysis Date...: 07/17/09  
 Prep Batch #...: 9196022  
 Dilution Factor: 1    Initial Wgt/Vol: 50.02 g    Final Wgt/Vol...: 100 mL  
 % Moisture.....: 14    Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
2,4-D	ND <i>UJ✓</i>	93	ug/kg	42
2,4,5-TP	ND	23	ug/kg	2.6
2,4,5-T	ND <i>UJ✓</i>	23	ug/kg	3.7
SURROGATE		PERCENT	RECOVERY	
2,4-Dichlorophenylacetic acid		RECOVERY	LIMITS	
		83	(19 - 122)	

**NOTE (S) :**

Results and reporting limits have been adjusted for dry weight.

*9/11/09  
 ERM  
 10/20/09*

TestAmerica Connecticut

Client Sample ID: WWSW-02 (2-5)

GC Semivolatiles

Lot-Sample #...: A9G140187-002    Work Order #...: LGF5E1AC    Matrix.....: SO  
 Date Sampled...: 07/10/09 12:45    Date Received...: 07/14/09  
 Prep Date.....: 07/15/09    Analysis Date...: 07/17/09  
 Prep Batch #...: 9196022  
 Dilution Factor: 1    Initial Wgt/Vol: 50.08 g    Final Wgt/Vol...: 100 mL  
 % Moisture.....: 18    Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
2,4-D	ND <i>VJ</i> ✓	97	ug/kg	44
2,4,5-TP	ND	24	ug/kg	2.7
2,4,5-T	ND <i>VJ</i> ✓	24	ug/kg	3.9
SURROGATE		PERCENT RECOVERY	RECOVERY LIMITS	
2,4-Dichlorophenylacetic acid	73	(19 - 122)		

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

*gs 11/4/09*  
*EMM*  
*10/26/09*



TestAmerica Connecticut

Client Sample ID: WWSW-XX (1-2)

GC Semivolatiles

Lot-Sample #...: A9G140187-003    Work Order #...: LGF5F1AC    Matrix.....: SO  
Date Sampled...: 07/10/09 13:00    Date Received...: 07/14/09  
Prep Date.....: 07/15/09    Analysis Date...: 07/17/09  
Prep Batch #...: 9196022  
Dilution Factor: 1    Initial Wgt/Vol: 50.1 g    Final Wgt/Vol...: 100 mL  
% Moisture.....: 17    Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
2,4-D	ND <i>UJ</i> ✓	97	ug/kg	44
2,4,5-TP	ND	24	ug/kg	2.7
2,4,5-T	ND <i>UJ</i> ✓	24	ug/kg	3.9
	PERCENT	RECOVERY		
SURROGATE	RECOVERY	LIMITS		
2,4-Dichlorophenylacetic acid	74	(19 - 122)		

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

*08/11/09*  
*ERM*  
*10/26/09*

TestAmerica Connecticut

Client Sample ID: FB-070909

GC Semivolatiles

Lot-Sample #...: A9G140187-004 Work Order #...: LGF5H1AA Matrix.....: WG  
Date Sampled...: 07/09/09 13:00 Date Received...: 07/14/09  
Prep Date.....: 07/15/09 Analysis Date...: 07/17/09  
Prep Batch #...: 9196021  
Dilution Factor: 1 Initial Wgt/Vol: 500 mL Final Wgt/Vol...: 100 mL  
Method.....: SW846 8151A

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>	<u>UNITS</u>	<u>MDL</u>
2,4,5-T	ND <i>UJ ✓</i>	1.0	ug/L	0.17
2,4-D	ND <i>UJ ✓</i>	4.0	ug/L	1.5
2,4,5-TP	ND	1.0	ug/L	0.16
<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>		
2,4-Dichlorophenylacetic acid	RECOVERY	LIMITS		
	80	(32 - 112)		

*07/14/09*  
*EMM*  
*10/20/09*





# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1  
Sdg Number: 220-9545

Client Sample ID: WWSB-19 (4-5)

Lab Sample ID: 220-9545-1  
Client Matrix: Solid

% Moisture: 16.8

Date Sampled: 07/06/2009 1200  
Date Received: 07/07/2009 1610

## 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 220-29058 Instrument ID: MSO  
Preparation: 5030B Lab File ID: O1747.D  
Dilution: 1.0 Initial Weight/Volume: 5 g  
Date Analyzed: 07/15/2009 0052 Final Weight/Volume: 5 mL  
Date Prepared: 07/15/2009 0052

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	240	<del>19</del>	<del>J+B</del> UJ ✓	2.7	24
Benzene		6.0	U	0.69	6.0
Bromodichloromethane		6.0	U	0.36	6.0
Bromoform		6.0	U	0.73	6.0
Bromomethane		6.0	U	2.5	6.0
Methyl Ethyl Ketone		12	U	1.9	12
Carbon disulfide		6.0	U	0.49	6.0
Carbon tetrachloride		6.0	U	1.1	6.0
Chlorobenzene		6.0	U	0.71	6.0
Chloroethane		6.0	U UJ ✓	1.2	6.0
Chloroform		6.0	U	0.41	6.0
Chloromethane		6.0	U	0.94	6.0
Dibromochloromethane		6.0	U	0.42	6.0
1,1-Dichloroethane		6.0	U	0.36	6.0
1,2-Dichloroethane		6.0	U	0.70	6.0
1,1-Dichloroethene		6.0	U	0.70	6.0
1,2-Dichloropropane		6.0	U	0.81	6.0
cis-1,3-Dichloropropene		6.0	U	0.67	6.0
trans-1,3-Dichloropropene		6.0	U	0.32	6.0
Ethylbenzene		6.0	U	0.84	6.0
2-Hexanone		12	U	1.4	12
Methylene Chloride	240	<del>8.8</del>	<del>J+B</del> ✓	1.3	24
methyl isobutyl ketone		6.0	U	0.66	6.0
Styrene		6.0	U	0.18	6.0
1,1,2,2-Tetrachloroethane		6.0	U	0.63	6.0
Tetrachloroethene		6.0	U	0.97	6.0
Toluene		6.0	U	0.089	6.0
1,1,1-Trichloroethane		6.0	U	0.64	6.0
1,1,2-Trichloroethane		6.0	U	0.44	6.0
Trichloroethene		6.0	U	0.97	6.0
Vinyl chloride		6.0	U	0.28	6.0
Xylenes, Total		6.0	U	0.58	6.0
cis-1,2-Dichloroethene		6.0	U	0.44	6.0
trans-1,2-Dichloroethene		6.0	U	0.47	6.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	75		59 - 132
4-Bromofluorobenzene	58		34 - 124
Dibromofluoromethane	69		59 - 123
Toluene-d8 (Surr)	69		50 - 118

EMM  
9/2/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1  
Sdg Number: 220-9545

**Client Sample ID: TB-070709**

Lab Sample ID: 220-9545-2  
Client Matrix: Water

Date Sampled: 07/07/2009 1115  
Date Received: 07/07/2009 1610

### 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B	Analysis Batch: 220-28990	Instrument ID: MSN
Preparation: 5030B		Lab File ID: N3817.D
Dilution: 1.0		Initial Weight/Volume: 5 mL
Date Analyzed: 07/10/2009 1629		Final Weight/Volume: 5 mL
Date Prepared: 07/10/2009 1629		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U ✓	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	<del>1.1</del> <i>1.1 JB 5.00</i>	<del>U</del> <i>JB J</i>	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U ✓	0.65	5.0
Trichloroethene	5.0	U ✓	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U ✓	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88		65 - 136
4-Bromofluorobenzene	82		51 - 142
Dibromofluoromethane	76		68 - 132
Toluene-d8 (Surr)	76		63 - 127

*Emm  
9/8/09*

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

Client Sample ID: WWSB-22

Lab Sample ID: 220-9545-3

Date Sampled: 07/08/2009 0930

Client Matrix: Water

Date Received: 07/09/2009 1600

### 8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-28990	Instrument ID: MSN
Preparation:	5030B		Lab File ID: N3820.D
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	07/10/2009 1742		Final Weight/Volume: 5 mL
Date Prepared:	07/10/2009 1742		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	43		0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U ✓	0.72	5.0
1,1-Dichloroethene	5.0	U ✓	0.83	5.0
1,2-Dichloropropane	5.0	U ✓	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U ✓	0.57	5.0
Ethylbenzene	1.0	J ✓	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U ✓	0.65	5.0
Trichloroethene	5.0	U ✓	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U ✓	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		65 - 136
4-Bromofluorobenzene	82		51 - 142
Dibromofluoromethane	86		68 - 132
Toluene-d8 (Surr)	77		63 - 127

9/25/09  
 X  
 Emm  
 9/8/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

Client Sample ID: WWSB-21

Lab Sample ID: 220-9545-4

Date Sampled: 07/08/2009 1450

Client Matrix: Water

Date Received: 07/09/2009 1600

### 8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-29102	Instrument ID: MSL
Preparation:	5030B		Lab File ID: L6029.D
Dilution:	4.0		Initial Weight/Volume: 5 mL
Date Analyzed:	07/14/2009 1920		Final Weight/Volume: 5 mL
Date Prepared:	07/14/2009 1920		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	40	U ✓	4.1	40
Benzene	330		3.0	20
Bromodichloromethane	20	U	1.9	20
Bromoform	20	U	1.8	20
Bromomethane	20	U	8.5	20
Methyl Ethyl Ketone	40	U	4.4	40
Carbon disulfide	20	U	3.6	20
Carbon tetrachloride	20	U	4.3	20
Chlorobenzene	20	U	2.9	20
Chloroethane	20	U	4.2	20
Chloroform	20	U	2.7	20
Chloromethane	20	U	4.4	20
Dibromochloromethane	20	U	2.2	20
1,1-Dichloroethane	20	U	4.1	20
1,2-Dichloroethane	20	U	2.9	20
1,1-Dichloroethene	20	U	3.3	20
1,2-Dichloropropane	20	U	2.8	20
cis-1,3-Dichloropropene	20	U	1.1	20
trans-1,3-Dichloropropene	20	U	2.3	20
Ethylbenzene	46		3.5	20
2-Hexanone	40	U	4.4	40
Methylene Chloride	200 <sup>*</sup> 4.4	J ✓	3.1	20
methyl isobutyl ketone	40	U ✓	1.5	40
Styrene	20	U	2.6	20
1,1,2,2-Tetrachloroethane	20	U	3.2	20
Tetrachloroethene	20	U ✓	3.2	20
Toluene	3.7	J ✓	2.9	20
1,1,1-Trichloroethane	20	U	2.8	20
1,1,2-Trichloroethane	20	U	2.6	20
Trichloroethene	2.9	J ✓	2.5	20
Vinyl chloride	20	U	4.0	20
Xylenes, Total	58		9.1	20
cis-1,2-Dichloroethene	20	U	4.0	20
trans-1,2-Dichloroethene	20	U	3.0	20
<hr/>				
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	88		65 - 136	
4-Bromofluorobenzene	90		51 - 142	
Dibromofluoromethane	92		68 - 132	
Toluene-d8 (Surr)	89		63 - 127	

8/25/09  
 EMT  
 9/8/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

Client Sample ID: **WWSB-XX**

Lab Sample ID: 220-9545-5

Date Sampled: 07/08/2009 1500

Client Matrix: Water

Date Received: 07/09/2009 1600

### 8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-29102	Instrument ID: MSL
Preparation:	5030B		Lab File ID: L6030.D
Dilution:	4.0		Initial Weight/Volume: 5 mL
Date Analyzed:	07/14/2009 1944		Final Weight/Volume: 5 mL
Date Prepared:	07/14/2009 1944		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	40	U ✓	4.1	40
Benzene	370		3.0	20
Bromodichloromethane	20	U	1.9	20
Bromoform	20	U	1.8	20
Bromomethane	20	U UJ ✓	8.5	20
Methyl Ethyl Ketone	40	U	4.4	40
Carbon disulfide	20	U	3.6	20
Carbon tetrachloride	20	U	4.3	20
Chlorobenzene	20	U	2.9	20
Chloroethane	20	U	4.2	20
Chloroform	20	U	2.7	20
Chloromethane	20	U	4.4	20
Dibromochloromethane	20	U	2.2	20
1,1-Dichloroethane	20	U	4.1	20
1,2-Dichloroethane	20	U	2.9	20
1,1-Dichloroethene	20	U	3.3	20
1,2-Dichloropropane	20	U	2.8	20
cis-1,3-Dichloropropene	20	U	1.1	20
trans-1,3-Dichloropropene	20	U	2.3	20
Ethylbenzene	50		3.5	20
2-Hexanone	40	U	4.4	40
Methylene Chloride	<del>5.1</del>	<del>U</del>	3.1	20
methyl isobutyl ketone	40	U	1.5	40
Styrene	20	U	2.6	20
1,1,2,2-Tetrachloroethane	20	U	3.2	20
Tetrachloroethene	20	U	3.2	20
Toluene	4.5	U J ✓	2.9	20
1,1,1-Trichloroethane	20	U	2.8	20
1,1,2-Trichloroethane	20	U	2.6	20
Trichloroethene	20	U	2.5	20
Vinyl chloride	20	U	4.0	20
Xylenes, Total	65		9.1	20
cis-1,2-Dichloroethene	20	U	4.0	20
trans-1,2-Dichloroethene	20	U	3.0	20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		65 - 136
4-Bromofluorobenzene	97		51 - 142
Dibromofluoromethane	103		68 - 132
Toluene-d8 (Surr)	98		63 - 127

9/25/09  
 EMM  
 9/18/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

**Client Sample ID: FB-070809**

Lab Sample ID: 220-9545-6

Date Sampled: 07/08/2009 1000

Client Matrix: Water

Date Received: 07/09/2009 1600

### 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B	Analysis Batch: 220-28990	Instrument ID: MSN
Preparation: 5030B		Lab File ID: N3818.D
Dilution: 1.0		Initial Weight/Volume: 5 mL
Date Analyzed: 07/10/2009 1653		Final Weight/Volume: 5 mL
Date Prepared: 07/10/2009 1653		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	7.4	J J ✓	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U J J ✓	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U ✓	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U ✓	0.65	5.0
Trichloroethene	5.0	U ✓	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U ✓	0.99	5.0
trans-1,2-Dichloroethene	5.0	U ✓	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88		65 - 136
4-Bromofluorobenzene	81		51 - 142
Dibromofluoromethane	82		68 - 132
Toluene-d8 (Surr)	74		63 - 127

9/25/09  
J

EMM  
9/8/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

**Client Sample ID: TB-070809**

Lab Sample ID: 220-9545-7TB

Date Sampled: 07/08/2009 1540

Client Matrix: Water

Date Received: 07/09/2009 1600

### 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B	Analysis Batch: 220-28990	Instrument ID: MSN	
Preparation: 5030B		Lab File ID: N3819.D	
Dilution: 1.0		Initial Weight/Volume: 5 mL	
Date Analyzed: 07/10/2009 1718		Final Weight/Volume: 5 mL	
Date Prepared: 07/10/2009 1718			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U*	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	1.1	JBJ	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U* ✓	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U ✓	0.99	5.0
trans-1,2-Dichloroethene	5.0	U* ✓	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		65 - 136
4-Bromofluorobenzene	82		51 - 142
Dibromofluoromethane	84		68 - 132
Toluene-d8 (Surr)	77		63 - 127

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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

Client Sample ID: WWSB-02 (2-5)

Lab Sample ID: 220-9545-9

Date Sampled: 07/08/2009 1005

Client Matrix: Solid

% Moisture: 16.1


Date Received: 07/09/2009 1600

## 8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-29058	Instrument ID:	MSO
Preparation:	5030B		Lab File ID:	O1748.D
Dilution:	1.0		Initial Weight/Volume:	5 g
Date Analyzed:	07/15/2009 0117		Final Weight/Volume:	5 mL
Date Prepared:	07/15/2009 0117			

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	38U	<del>38</del>	*B UJ	2.7	24
Benzene		1.4	J J	0.68	6.0
Bromodichloromethane		6.0	U	0.36	6.0
Bromoform		6.0	U	0.73	6.0
Bromomethane		6.0	U	2.5	6.0
Methyl Ethyl Ketone		12	U	1.9	12
Carbon disulfide		6.0	U	0.49	6.0
Carbon tetrachloride		6.0	U	1.1	6.0
Chlorobenzene		6.0	U	0.70	6.0
Chloroethane		6.0	U UJ ✓	1.2	6.0
Chloroform		6.0	U	0.41	6.0
Chloromethane		6.0	U	0.93	6.0
Dibromochloromethane		6.0	U	0.42	6.0
1,1-Dichloroethane		6.0	U	0.36	6.0
1,2-Dichloroethane		6.0	U	0.69	6.0
1,1-Dichloroethene		6.0	U	0.69	6.0
1,2-Dichloropropane		6.0	U	0.80	6.0
cis-1,3-Dichloropropene		6.0	U	0.67	6.0
trans-1,3-Dichloropropene		6.0	U	0.32	6.0
Ethylbenzene		6.0	U	0.83	6.0
2-Hexanone		12	U	1.4	12
Methylene Chloride	24U	<del>12</del>	J B ✓	1.3	24
methyl isobutyl ketone		6.0	U	0.66	6.0
Styrene		6.0	U	0.18	6.0
1,1,2,2-Tetrachloroethane		6.0	U	0.62	6.0
Tetrachloroethene		6.0	U	0.97	6.0
Toluene		1.2	J J ✓	0.088	6.0
1,1,1-Trichloroethane		6.0	U	0.63	6.0
1,1,2-Trichloroethane		6.0	U	0.44	6.0
Trichloroethene		6.0	U	0.97	6.0
Vinyl chloride		6.0	U	0.27	6.0
Xylenes, Total		6.0	U	0.58	6.0
cis-1,2-Dichloroethene		6.0	U	0.44	6.0
trans-1,2-Dichloroethene		6.0	U	0.46	6.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		59 - 132
4-Bromofluorobenzene	88		34 - 124
Dibromofluoromethane	92		59 - 123
Toluene-d8 (Surr)	85		50 - 118

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1  
Sdg Number: 220-9545

**Client Sample ID: WWSB-02 (10.5-11.5)**

Lab Sample ID: 220-9545-10  
Client Matrix: Solid

% Moisture: 15.9

Date Sampled: 07/08/2009 1110  
Date Received: 07/09/2009 1600

### 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B	Analysis Batch: 220-29104	Instrument ID: MSO	
Preparation: 5030B		Lab File ID: O1790.D	
Dilution: 5.0		Initial Weight/Volume: 5 g	
Date Analyzed: 07/16/2009 0524		Final Weight/Volume: 5 mL	
Date Prepared: 07/16/2009 0524			

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	1200.	<del>81</del>	<del>J* J UJ</del>	13	120
Benzene		12	J J ✓	3.4	30
Bromodichloromethane		30	U	1.8	30
Bromoform		30	U	3.6	30
Bromomethane		30	U	12	30
Methyl Ethyl Ketone		59	U* ✓	9.4	59
Carbon disulfide		30	U	2.4	30
Carbon tetrachloride		30	U	5.6	30
Chlorobenzene		30	U	3.5	30
Chloroethane		30	U J J ✓	5.8	30
Chloroform		30	U	2.0	30
Chloromethane		30	U	4.6	30
Dibromochloromethane		30	U	2.1	30
1,1-Dichloroethane		30	U	1.8	30
1,2-Dichloroethane		30	U	3.4	30
1,1-Dichloroethene		30	U	3.4	30
1,2-Dichloropropane		30	U	4.0	30
cis-1,3-Dichloropropene		30	U	3.3	30
trans-1,3-Dichloropropene		30	U	1.6	30
Ethylbenzene		110	J U ✓	4.2	30
2-Hexanone		59	U	7.1	59
Methylene Chloride	1200	<del>47</del>	<del>J B</del> ✓	6.5	120
methyl isobutyl ketone		30	U	3.3	30
Styrene		30	U	0.89	30
1,1,2,2-Tetrachloroethane		200	J ✓	3.1	30
Tetrachloroethene		30	U	4.8	30
Toluene		30	U	0.44	30
1,1,1-Trichloroethane		30	U	3.1	30
1,1,2-Trichloroethane		30	U	2.2	30
Trichloroethene		30	U	4.8	30
Vinyl chloride		30	U	1.4	30
Xylenes, Total		20	J J ✓	2.9	30
cis-1,2-Dichloroethene		30	U	2.2	30
trans-1,2-Dichloroethene		30	U	2.3	30

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		59 - 132
4-Bromofluorobenzene	328	*	34 - 124
Dibromofluoromethane	79		59 - 123
Toluene-d8 (Surr)	96		50 - 118

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

**Client Sample ID: WWSB-19 (4-5)**

Lab Sample ID: 220-9545-1

Date Sampled: 07/06/2009 1200

Client Matrix: Solid

% Moisture: 16.8

Date Received: 07/07/2009 1610

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-28922	Instrument ID: MSA
Preparation:	3541	Prep Batch: 220-28829	Lab File ID: A6088.D
Dilution:	2.0		Initial Weight/Volume: 15.45 g
Date Analyzed:	07/09/2009 1913		Final Weight/Volume: 1 mL
Date Prepared:	07/08/2009 0831		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		960		37	630
Acenaphthylene		1700		31	630
Anthracene		3100		25	630
Benzo[a]anthracene		4700		22	630
Benzo[a]pyrene		5400		17	630
Benzo[b]fluoranthene		4600		17	630
Benzo[g,h,i]perylene		3600		41	630
Benzo[k]fluoranthene		1400		57	630
Bis(2-chloroethoxy)methane		630	U	29	630
Bis(2-chloroethyl)ether		630	U	33	630
Bis(2-ethylhexyl) phthalate		120	J J	61	630
Butyl benzyl phthalate		630	U	35	630
Carbazole		950		35	630
Chrysene		5100		46	630
Di-n-butyl phthalate		630	U	92	630
Di-n-octyl phthalate		630	U	36	630
4-Bromophenyl phenyl ether		630	U	41	630
4-Chloroaniline		630	U	100	630
2-Chloronaphthalene		630	U	27	630
4-Chlorophenyl phenyl ether		630	U	46	630
Dibenz(a,h)anthracene		1200		49	630
Dibenzofuran		930		44	630
Diethyl phthalate		630	U	64	630
Dimethyl phthalate		630	U	36	630
1,2-Dichlorobenzene		630	U	37	630
1,3-Dichlorobenzene		630	U	32	630
1,4-Dichlorobenzene		630	U	37	630
3,3'-Dichlorobenzidine		1600	U	130	1600
2,4-Dinitrotoluene		630	U	50	630
2,6-Dinitrotoluene		630	U	18	630
Fluoranthene		9100		31	630
Fluorene		1500		38	630
Hexachlorobenzene		630	U	44	630
Hexachlorobutadiene		630	U	49	630
Hexachlorocyclopentadiene		1600	U	300	1600
Hexachloroethane		630	U	36	630
Indeno[1,2,3-cd]pyrene		3800		41	630
Isophorone		630	U	35	630
2-Methylnaphthalene		580	J J	18	630
Naphthalene		890		33	630
2-Nitroaniline		4000	U	38	4000
3-Nitroaniline		4000	U	20	4000
Nitrobenzene		630	U	40	630
N-Nitrosodi-n-propylamine		630	U	42	630
N-Nitrosodiphenylamine		630	U	35	630
Phenanthrene		9000		31	630

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

**Client Sample ID: WWSB-19 (4-5)**

Lab Sample ID: 220-9545-1

Date Sampled: 07/06/2009 1200

Client Matrix: Solid

% Moisture: 16.8

Date Received: 07/07/2009 1610

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-28922	Instrument ID: MSA
Preparation: 3541	Prep Batch: 220-28829	Lab File ID: A6088.D
Dilution: 2.0		Initial Weight/Volume: 15.45 g
Date Analyzed: 07/09/2009 1913		Final Weight/Volume: 1 mL
Date Prepared: 07/08/2009 0831		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		8900		30	630
1,2,4-Trichlorobenzene		630	U	41	630
4-Chloro-3-methylphenol		630	U	26	630
2-Chlorophenol		630	U	37	630
2-Methylphenol		630	U	38	630
4-Methylphenol		630	U	41	630
2,4-Dichlorophenol		630	U	34	630
2,4-Dimethylphenol		630	U	31	630
2,4-Dinitrophenol		4000	U	190	4000
4,6-Dinitro-2-methylphenol		4000	U	270	4000
2-Nitrophenol		630	U	40	630
4-Nitrophenol		4000	U	48	4000
Pentachlorophenol		4000	U	380	4000
Phenol		630	U	42	630
2,4,5-Trichlorophenol		4000	U	32	4000
2,4,6-Trichlorophenol		630	U	17	630
Benzyl alcohol		630	U	60	630
4-Nitroaniline		630	U	48	630
2,2'-oxybis[1-chloropropane]		630	U	33	630

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	85		41 - 120
2-Fluorophenol	75		34 - 120
2,4,6-Tribromophenol	64		37 - 120
Nitrobenzene-d5	80		38 - 120
Phenol-d5	85		36 - 120
Terphenyl-d14	81		32 - 125

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

Client Sample ID: **WWSB-22**

Lab Sample ID: 220-9545-3

Date Sampled: 07/08/2009 0930

Client Matrix: Water

Date Received: 07/09/2009 1600

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29052	Instrument ID: MSZ
Preparation:	3510C	Prep Batch: 220-28951	Lab File ID: Z11740.D
Dilution:	1.0		Initial Weight/Volume: 1000 mL
Date Analyzed:	07/14/2009 2110		Final Weight/Volume: 1 mL
Date Prepared:	07/13/2009 0903		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	3.1	J	0.31	4.0
Acenaphthylene	0.66	J	0.34	4.0
Anthracene	0.59	J	0.29	4.0
Benzo[a]anthracene	4.0	U	0.30	4.0
Benzo[a]pyrene	4.0	U	0.35	4.0
Benzo[b]fluoranthene	4.0	U	0.36	4.0
Benzo[g,h,i]perylene	5.5	U	0.36	4.0
Benzo[k]fluoranthene	4.0	U	0.40	4.0
Bis(2-chloroethoxy)methane	4.0	U	0.31	4.0
Bis(2-chloroethyl)ether	4.0	U	0.29	4.0
Bis(2-ethylhexyl) phthalate	2.8	J	0.54	4.0
Butyl benzyl phthalate	1.8	J	0.35	4.0
Carbazole	0.74	J	0.33	4.0
Chrysene	4.0	U	0.25	4.0
Di-n-butyl phthalate	0.82	J	0.35	4.0
Di-n-octyl phthalate	4.0	U	0.38	4.0
4-Bromophenyl phenyl ether	4.0	U	0.44	4.0
4-Chloroaniline	4.0	U	0.29	4.0
2-Chloronaphthalene	4.0	U	0.39	4.0
4-Chlorophenyl phenyl ether	4.0	U	0.35	4.0
Dibenz(a,h)anthracene	4.0	U	0.38	4.0
Dibenzofuran	4.0	U	0.43	4.0
Diethyl phthalate	1.1	J	0.43	4.0
Dimethyl phthalate	4.0	U	0.38	4.0
1,2-Dichlorobenzene	4.0	U	0.31	4.0
1,3-Dichlorobenzene	4.0	U	0.25	4.0
1,4-Dichlorobenzene	4.0	U	0.31	4.0
3,3'-Dichlorobenzidine	4.0	U	0.36	4.0
2,4-Dinitrotoluene	4.0	U	0.40	4.0
2,6-Dinitrotoluene	4.0	U	0.26	4.0
Fluoranthene	0.39	J	0.31	4.0
Fluorene	1.2	J	0.26	4.0
Hexachlorobenzene	4.0	U	0.33	4.0
Hexachlorobutadiene	4.0	U	0.20	4.0
Hexachlorocyclopentadiene	4.0	U	0.35	4.0
Hexachloroethane	4.0	U	0.37	4.0
Indeno[1,2,3-cd]pyrene	5.3	U	0.28	4.0
Isophorone	4.0	U	0.31	4.0
2-Methylnaphthalene	4.0	U	0.27	4.0
Naphthalene	4.0	U	0.30	4.0
2-Nitroaniline	4.0	U	0.34	4.0
3-Nitroaniline	4.0	U	0.23	4.0
Nitrobenzene	4.0	U	0.28	4.0
N-Nitrosodi-n-propylamine	4.0	U	0.33	4.0
N-Nitrosodiphenylamine	4.0	U	0.33	4.0
Phenanthrene	1.7	J	0.28	4.0

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

**Client Sample ID: WWSB-22**

Lab Sample ID: 220-9545-3

Date Sampled: 07/08/2009 0930

Client Matrix: Water

Date Received: 07/09/2009 1600

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29052	Instrument ID: MSZ
Preparation: 3510C	Prep Batch: 220-28951	Lab File ID: Z11740.D
Dilution: 1.0		Initial Weight/Volume: 1000 mL
Date Analyzed: 07/14/2009 2110		Final Weight/Volume: 1 mL
Date Prepared: 07/13/2009 0903		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	0.38	J <span style="color: red;">J</span>	0.33	4.0
1,2,4-Trichlorobenzene	4.0	U	0.36	4.0
4-Chloro-3-methylphenol	5.0	U	0.34	5.0
2-Chlorophenol	4.0	U	0.23	4.0
2-Methylphenol	4.0	U	0.24	4.0
4-Methylphenol	4.0	U	0.29	4.0
2,4-Dichlorophenol	4.0	U	0.33	4.0
2,4-Dimethylphenol	4.0	U	0.33	4.0
2,4-Dinitrophenol	25	U	0.43	25
4,6-Dinitro-2-methylphenol	25	U	1.9	25
2-Nitrophenol	4.0	U	0.27	4.0
4-Nitrophenol	10	U	1.4	10
Pentachlorophenol	25	U	0.31	25
Phenol	4.0	U	0.19	4.0
2,4,5-Trichlorophenol	10	U	0.28	10
2,4,6-Trichlorophenol	4.0	U	0.37	4.0
Benzyl alcohol	4.0	U	0.41	4.0
4-Nitroaniline	4.0	U	0.20	4.0
2,2'-oxybis[1-chloropropane]	4.0	U	0.25	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	68		39 - 120
2-Fluorophenol	35		13 - 120
2,4,6-Tribromophenol	87		36 - 120
Nitrobenzene-d5	68		40 - 120
Phenol-d5	24		10 - 120
Terphenyl-d14	50		10 - 120

✓  
8/25/09

EMM  
9/2/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

Client Sample ID: **WWSB-21**

Lab Sample ID: 220-9545-4

Date Sampled: 07/08/2009 1450

Client Matrix: Water

Date Received: 07/09/2009 1600

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29247	Instrument ID: MSC
Preparation: 3510C	Prep Batch: 220-28951	Lab File ID: C12352.D
Dilution: 10		Initial Weight/Volume: 1000 mL
Date Analyzed: 07/21/2009 1721		Final Weight/Volume: 1 mL
Date Prepared: 07/13/2009 0903		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	42		3.1	40
Acenaphthylene	40	U	3.4	40
Anthracene	3.3	J J ✓	2.9	40
Benzo[a]anthracene	40	U	3.0	40
Benzo[a]pyrene	40	U	3.5	40
Benzo[b]fluoranthene	40	U	3.6	40
Benzo[g,h,i]perylene	40	U	3.6	40
Benzo[k]fluoranthene	40	U	4.0	40
Bis(2-chloroethoxy)methane	40	U	3.1	40
Bis(2-chloroethyl)ether	40	U	2.9	40
Bis(2-ethylhexyl) phthalate	40	U	5.4	40
Butyl benzyl phthalate	40	U	3.5	40
Carbazole	6.0	J J ✓	3.3	40
Chrysene	40	U	2.5	40
Di-n-butyl phthalate	40	U	3.5	40
Di-n-octyl phthalate	40	U	3.8	40
4-Bromophenyl phenyl ether	40	U	4.4	40
4-Chloroaniline	40	U	2.9	40
2-Chloronaphthalene	40	U	3.9	40
4-Chlorophenyl phenyl ether	40	U	3.5	40
Dibenz(a,h)anthracene	40	U	3.8	40
Dibenzofuran	40	U	4.3	40
Diethyl phthalate	40	U	4.3	40
Dimethyl phthalate	40	U	3.8	40
1,2-Dichlorobenzene	40	U	3.1	40
1,3-Dichlorobenzene	40	U	2.5	40
1,4-Dichlorobenzene	40	U	3.1	40
3,3'-Dichlorobenzidine	40	U	3.6	40
2,4-Dinitrotoluene	40	U	4.0	40
2,6-Dinitrotoluene	40	U	2.6	40
Fluoranthene	40	U	3.1	40
Fluorene	8.1	J J ✓	2.6	40
Hexachlorobenzene	40	U	3.3	40
Hexachlorobutadiene	40	U	2.0	40
Hexachlorocyclopentadiene	40	U	3.5	40
Hexachloroethane	40	U	3.7	40
Indeno[1,2,3-cd]pyrene	40	U	2.8	40
Isophorone	40	U	3.1	40
2-Methylnaphthalene	35	J J ✓	2.7	40
Naphthalene	440	J J ✓	3.0	40
2-Nitroaniline	40	U	3.4	40
3-Nitroaniline	40	U	2.3	40
Nitrobenzene	40	U	2.8	40
N-Nitrosodi-n-propylamine	40	U	3.3	40
N-Nitrosodiphenylamine	40	U	3.3	40
Phenanthrene	15	J J ✓	2.8	40

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

**Client Sample ID: WWSB-21**

Lab Sample ID: 220-9545-4

Date Sampled: 07/08/2009 1450

Client Matrix: Water

Date Received: 07/09/2009 1600

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29247	Instrument ID: MSC
Preparation:	3510C	Prep Batch: 220-28951	Lab File ID: C12352.D
Dilution:	10		Initial Weight/Volume: 1000 mL
Date Analyzed:	07/21/2009 1721		Final Weight/Volume: 1 mL
Date Prepared:	07/13/2009 0903		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	40	U	3.3	40
1,2,4-Trichlorobenzene	40	U	3.6	40
4-Chloro-3-methylphenol	50	U	3.4	50
2-Chlorophenol	40	U	2.3	40
2-Methylphenol	40	U	2.4	40
4-Methylphenol	40	U	2.9	40
2,4-Dichlorophenol	40	U	3.3	40
2,4-Dimethylphenol	40	U	3.3	40
2,4-Dinitrophenol	250	U	4.3	250
4,6-Dinitro-2-methylphenol	250	U	19	250
2-Nitrophenol	40	U	2.7	40
4-Nitrophenol	100	U	14	100
Pentachlorophenol	250	U	3.1	250
Phenol	22	J	1.9	40
2,4,5-Trichlorophenol	100	U	2.8	100
2,4,6-Trichlorophenol	40	U	3.7	40
Benzyl alcohol	40	U	4.1	40
4-Nitroaniline	40	U	2.0	40
2,2'-oxybis[1-chloropropane]	40	U	2.5	40

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	68		39 - 120
2-Fluorophenol	38		13 - 120
2,4,6-Tribromophenol	76		36 - 120
Nitrobenzene-d5	69		40 - 120
Phenol-d5	25		10 - 120
Terphenyl-d14	33		10 - 120

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

Client Sample ID: **WWSB-XX**

Lab Sample ID: 220-9545-5

Date Sampled: 07/08/2009 1500

Client Matrix: Water

Date Received: 07/09/2009 1600

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29247	Instrument ID: MSC
Preparation:	3510C	Prep Batch: 220-28951	Lab File ID: C12353.D
Dilution:	5.0		Initial Weight/Volume: 1000 mL
Date Analyzed:	07/21/2009 1748		Final Weight/Volume: 1 mL
Date Prepared:	07/13/2009 0903		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	58		1.6	20
Acenaphthylene	2.0	J J ✓	1.7	20
Anthracene	4.3	J J ✓	1.4	20
Benzo[a]anthracene	20	U	1.5	20
Benzo[a]pyrene	20	U	1.8	20
Benzo[b]fluoranthene	20	U	1.8	20
Benzo[g,h,i]perylene	20	U	1.8	20
Benzo[k]fluoranthene	20	U	2.0	20
Bis(2-chloroethoxy)methane	20	U	1.6	20
Bis(2-chloroethyl)ether	20	U	1.4	20
Bis(2-ethylhexyl) phthalate	20	U	2.7	20
Butyl benzyl phthalate	20	U	1.8	20
Carbazole	7.8	J J ✓	1.6	20
Chrysene	20	U	1.2	20
Di-n-butyl phthalate	20	U	1.8	20
Di-n-octyl phthalate	20	U	1.9	20
4-Bromophenyl phenyl ether	20	U	2.2	20
4-Chloroaniline	20	U	1.4	20
2-Chloronaphthalene	20	U	2.0	20
4-Chlorophenyl phenyl ether	20	U	1.8	20
Dibenz(a,h)anthracene	20	U	1.9	20
Dibenzofuran	5.8	J J ✓	2.2	20
Diethyl phthalate	20	U	2.2	20
Dimethyl phthalate	20	U	1.9	20
1,2-Dichlorobenzene	20	U	1.6	20
1,3-Dichlorobenzene	20	U	1.2	20
1,4-Dichlorobenzene	20	U	1.6	20
3,3'-Dichlorobenzidine	20	U	1.8	20
2,4-Dinitrotoluene	20	U	2.0	20
2,6-Dinitrotoluene	20	U	1.3	20
Fluoranthene	2.2	J J ✓	1.6	20
Fluorene	11	J J ✓	1.3	20
Hexachlorobenzene	20	U	1.6	20
Hexachlorobutadiene	20	U	1.0	20
Hexachlorocyclopentadiene	20	U	1.8	20
Hexachloroethane	20	U	1.8	20
Indeno[1,2,3-cd]pyrene	20	U	1.4	20
Isophorone	20	U	1.6	20
2-Methylnaphthalene	28	J ✓	1.4	20
Naphthalene	180	J ✓	1.5	20
2-Nitroaniline	20	U	1.7	20
3-Nitroaniline	20	U	1.2	20
Nitrobenzene	20	U	1.4	20
N-Nitrosodi-n-propylamine	20	U	1.6	20
N-Nitrosodiphenylamine	20	U	1.6	20
Phenanthrene	21		1.4	20

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

**Client Sample ID: WWSB-XX**

Lab Sample ID: 220-9545-5

Date Sampled: 07/08/2009 1500

Client Matrix: Water

Date Received: 07/09/2009 1600

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29247	Instrument ID: MSC
Preparation:	3510C	Prep Batch: 220-28951	Lab File ID: C12353.D
Dilution:	5.0		Initial Weight/Volume: 1000 mL
Date Analyzed:	07/21/2009 1748		Final Weight/Volume: 1 mL
Date Prepared:	07/13/2009 0903		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	2.0	J ✓	1.6	20
1,2,4-Trichlorobenzene	20	U	1.8	20
4-Chloro-3-methylphenol	25	U	1.7	25
2-Chlorophenol	20	U	1.2	20
2-Methylphenol	20	U	1.2	20
4-Methylphenol	20	U	1.4	20
2,4-Dichlorophenol	20	U	1.6	20
2,4-Dimethylphenol	20	U	1.6	20
2,4-Dinitrophenol	120	U	2.2	120
4,6-Dinitro-2-methylphenol	120	U	9.3	120
2-Nitrophenol	20	U	1.4	20
4-Nitrophenol	50	U	7.2	50
Pentachlorophenol	120	U	1.6	120
Phenol	9.9	J ✓	0.95	20
2,4,5-Trichlorophenol	50	U	1.4	50
2,4,6-Trichlorophenol	20	U	1.8	20
Benzyl alcohol	20	U	2.0	20
4-Nitroaniline	20	U	1.0	20
2,2'-oxybis[1-chloropropane]	20	U	1.2	20

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	89		39 - 120
2-Fluorophenol	41		13 - 120
2,4,6-Tribromophenol	60		36 - 120
Nitrobenzene-d5	79		40 - 120
Phenol-d5	30		10 - 120
Terphenyl-d14	95		10 - 120

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

**Client Sample ID: FB-070809**

Lab Sample ID: 220-9545-6

Date Sampled: 07/08/2009 1000

Client Matrix: Water

Date Received: 07/09/2009 1600

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29052	Instrument ID: MSZ
Preparation:	3510C	Prep Batch: 220-28951	Lab File ID: Z11743.D
Dilution:	1.0		Initial Weight/Volume: 860 mL
Date Analyzed:	07/14/2009 2229		Final Weight/Volume: 1 mL
Date Prepared:	07/13/2009 0903		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	4.7	U	0.36	4.7
Acenaphthylene	4.7	U	0.40	4.7
Anthracene	4.7	U	0.34	4.7
Benzo[a]anthracene	4.7	U	0.35	4.7
Benzo[a]pyrene	4.7	U	0.41	4.7
Benzo[b]fluoranthene	4.7	U	0.42	4.7
Benzo[g,h,i]perylene	4.7	U	0.42	4.7
Benzo[k]fluoranthene	4.7	U	0.47	4.7
Bis(2-chloroethoxy)methane	4.7	U	0.36	4.7
Bis(2-chloroethyl)ether	4.7	U	0.34	4.7
Bis(2-ethylhexyl) phthalate	2.7	J JJ ✓	0.63	4.7
Butyl benzyl phthalate	1.9	J JJ ✓	0.41	4.7
Carbazole	4.7	U	0.38	4.7
Chrysene	4.7	U	0.29	4.7
Di-n-butyl phthalate	4.7	U	0.41	4.7
Di-n-octyl phthalate	4.7	U	0.44	4.7
4-Bromophenyl phenyl ether	4.7	U	0.51	4.7
4-Chloroaniline	4.7	U	0.34	4.7
2-Chloronaphthalene	4.7	U	0.45	4.7
4-Chlorophenyl phenyl ether	4.7	U	0.41	4.7
Dibenz(a,h)anthracene	4.7	U	0.44	4.7
Dibenzofuran	4.7	U	0.50	4.7
Diethyl phthalate	4.7	U	0.50	4.7
Dimethyl phthalate	4.7	U	0.44	4.7
1,2-Dichlorobenzene	4.7	U	0.36	4.7
1,3-Dichlorobenzene	4.7	U	0.29	4.7
1,4-Dichlorobenzene	4.7	U	0.36	4.7
3,3'-Dichlorobenzidine	4.7	U	0.42	4.7
2,4-Dinitrotoluene	4.7	U	0.47	4.7
2,6-Dinitrotoluene	4.7	U	0.30	4.7
Fluoranthene	4.7	U	0.36	4.7
Fluorene	4.7	U	0.30	4.7
Hexachlorobenzene	4.7	U	0.38	4.7
Hexachlorobutadiene	4.7	U	0.23	4.7
Hexachlorocyclopentadiene	4.7	U	0.41	4.7
Hexachloroethane	4.7	U	0.43	4.7
Indeno[1,2,3-cd]pyrene	4.7	U	0.33	4.7
Isophorone	4.7	U	0.36	4.7
2-Methylnaphthalene	4.7	U	0.31	4.7
Naphthalene	1.2	J JJ ✓	0.35	4.7
2-Nitroaniline	4.7	U	0.40	4.7
3-Nitroaniline	4.7	U	0.27	4.7
Nitrobenzene	4.7	U	0.33	4.7
N-Nitrosodi-n-propylamine	4.7	U	0.38	4.7
N-Nitrosodiphenylamine	4.7	U	0.38	4.7
Phenanthrene	4.7	U	0.33	4.7

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

**Client Sample ID: FB-070809**

Lab Sample ID: 220-9545-6

Date Sampled: 07/08/2009 1000

Client Matrix: Water

Date Received: 07/09/2009 1600

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29052	Instrument ID: MSZ
Preparation: 3510C	Prep Batch: 220-28951	Lab File ID: Z11743.D
Dilution: 1.0		Initial Weight/Volume: 860 mL
Date Analyzed: 07/14/2009 2229		Final Weight/Volume: 1 mL
Date Prepared: 07/13/2009 0903		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	4.7	U	0.38	4.7
1,2,4-Trichlorobenzene	4.7	U	0.42	4.7
4-Chloro-3-methylphenol	5.8	U	0.40	5.8
2-Chlorophenol	4.7	U	0.27	4.7
2-Methylphenol	4.7	U	0.28	4.7
4-Methylphenol	4.7	U	0.34	4.7
2,4-Dichlorophenol	4.7	U	0.38	4.7
2,4-Dimethylphenol	4.7	U	0.38	4.7
2,4-Dinitrophenol	29	U	0.50	29
4,6-Dinitro-2-methylphenol	29	U	2.2	29
2-Nitrophenol	4.7	U	0.31	4.7
4-Nitrophenol	12	U	1.7	12
Pentachlorophenol	29	U	0.36	29
Phenol	4.7	U	0.22	4.7
2,4,5-Trichlorophenol	12	U	0.33	12
2,4,6-Trichlorophenol	4.7	U	0.43	4.7
Benzyl alcohol	0.63	J ✓	0.48	4.7
4-Nitroaniline	4.7	U	0.23	4.7
2,2'-oxybis[1-chloropropane]	4.7	U	0.29	4.7

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	66		39 - 120
2-Fluorophenol	40		13 - 120
2,4,6-Tribromophenol	85		36 - 120
Nitrobenzene-d5	68		40 - 120
Phenol-d5	27		10 - 120
Terphenyl-d14	82		10 - 120

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

**Client Sample ID: WWSB-02 (2-5)**

Lab Sample ID: 220-9545-9

Date Sampled: 07/08/2009 1005

Client Matrix: Solid

% Moisture: 16.1

Date Received: 07/09/2009 1600

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29052	Instrument ID: MSZ
Preparation:	3541	Prep Batch: 220-28950	Lab File ID: Z11744.D
Dilution:	1.0		Initial Weight/Volume: 15.15 g
Date Analyzed:	07/14/2009 2255		Final Weight/Volume: 1 mL
Date Prepared:	07/13/2009 0810		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		320	U	19	320
Acenaphthylene		27	J J ✓	16	320
Anthracene		51	J J ✓	12	320
Benzo[a]anthracene		260	J J ✓	11	320
Benzo[a]pyrene		430		8.6	320
Benzo[b]fluoranthene		340		8.5	320
Benzo[g,h,i]perylene		610		21	320
Benzo[k]fluoranthene		130	J J ✓	29	320
Bis(2-chloroethoxy)methane		320	U	15	320
Bis(2-chloroethyl)ether		320	U	17	320
Bis(2-ethylhexyl) phthalate		500	B ✓	31	320
Butyl benzyl phthalate		130	J J ✓	18	320
Carbazole		320	U	18	320
Chrysene		270	J J ✓	23	320
Di-n-butyl phthalate		320	U	46	320
Di-n-octyl phthalate		320	U	18	320
4-Bromophenyl phenyl ether		320	U	21	320
4-Chloroaniline		320	U	52	320
2-Chloronaphthalene		320	U	14	320
4-Chlorophenyl phenyl ether		320	U	23	320
Dibenz(a,h)anthracene		460		25	320
Dibenzofuran		320	U	22	320
Diethyl phthalate		320	U	32	320
Dimethyl phthalate		320	U	18	320
1,2-Dichlorobenzene		320	U	19	320
1,3-Dichlorobenzene		320	U	16	320
1,4-Dichlorobenzene		320	U	19	320
3,3'-Dichlorobenzidine		790	U	66	790
2,4-Dinitrotoluene		320	U	25	320
2,6-Dinitrotoluene		320	U	9.3	320
Fluoranthene		280	J J ✓	16	320
Fluorene		320	U	19	320
Hexachlorobenzene		320	U	22	320
Hexachlorobutadiene		320	U	25	320
Hexachlorocyclopentadiene		790	U	150	790
Hexachloroethane		320	U	18	320
Indeno[1,2,3-cd]pyrene		630		21	320
Isophorone		320	U	18	320
2-Methylnaphthalene		49	J J ✓	9.1	320
Naphthalene		82	J J ✓	17	320
2-Nitroaniline		2000	U	19	2000
3-Nitroaniline		2000	U	10	2000
Nitrobenzene		320	U	20	320
N-Nitrosodi-n-propylamine		320	U	21	320
N-Nitrosodiphenylamine		320	U	18	320
Phenanthrene		180	J J ✓	16	320

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

**Client Sample ID: WWSB-02 (2-5)**

Lab Sample ID: 220-9545-9

Date Sampled: 07/08/2009 1005

Client Matrix: Solid

% Moisture: 16.1

Date Received: 07/09/2009 1600

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29052	Instrument ID: MSZ
Preparation:	3541	Prep Batch: 220-28950	Lab File ID: Z11744.D
Dilution:	1.0		Initial Weight/Volume: 15.15 g
Date Analyzed:	07/14/2009 2255		Final Weight/Volume: 1 mL
Date Prepared:	07/13/2009 0810		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		340		15	320
1,2,4-Trichlorobenzene		320	U	21	320
4-Chloro-3-methylphenol		320	U	13	320
2-Chlorophenol		320	U	19	320
2-Methylphenol		320	U	19	320
4-Methylphenol		320	U	21	320
2,4-Dichlorophenol		320	U	17	320
2,4-Dimethylphenol		320	U	15	320
2,4-Dinitrophenol		2000	U	96	2000
4,6-Dinitro-2-methylphenol		2000	U	140	2000
2-Nitrophenol		320	U	20	320
4-Nitrophenol		2000	U	24	2000
Pentachlorophenol		2000	U	190	2000
Phenol		320	U	21	320
2,4,5-Trichlorophenol		2000	U	16	2000
2,4,6-Trichlorophenol		320	U	8.7	320
Benzyl alcohol		320	U	30	320
4-Nitroaniline		320	U	24	320
2,2'-oxybis[1-chloropropane]		320	U	17	320

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	70		41 - 120
2-Fluorophenol	56		34 - 120
2,4,6-Tribromophenol	35	*	37 - 120
Nitrobenzene-d5	82		38 - 120
Phenol-d5	68		36 - 120
Terphenyl-d14	81		32 - 125

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

**Client Sample ID: WWSB-02 (10.5-11.5)**

Lab Sample ID: 220-9545-10

Date Sampled: 07/08/2009 1110

Client Matrix: Solid

% Moisture: 15.9

Date Received: 07/09/2009 1600

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29615	Instrument ID: MSC
Preparation:	3541	Prep Batch: 220-29484	Lab File ID: C12558.D
Dilution:	1.0		Initial Weight/Volume: 15.11 g
Date Analyzed:	07/31/2009 0120		Final Weight/Volume: 1.0 mL
Date Prepared:	07/29/2009 0812		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		1100	H	19	320
Acenaphthylene		320	UH	16	320
Anthracene		870	H	12	320
Benzo[a]anthracene		510	H	11	320
Benzo[a]pyrene		370	H	8.6	320
Benzo[b]fluoranthene		270	JH	8.5	320
Benzo[g,h,i]perylene		180	JH	21	320
Benzo[k]fluoranthene		90	JH	29	320
Bis(2-chloroethoxy)methane		320	UH	15	320
Bis(2-chloroethyl)ether		320	UH	17	320
Bis(2-ethylhexyl) phthalate		180	JH	31	320
Butyl benzyl phthalate		320	UH	18	320
Carbazole		320	UH	18	320
Chrysene		500	H	23	320
Di-n-butyl phthalate		320	UH	46	320
Di-n-octyl phthalate		320	UH	18	320
4-Bromophenyl phenyl ether		320	UH	21	320
4-Chloroaniline		320	UH	52	320
2-Chloronaphthalene		320	UH	14	320
4-Chlorophenyl phenyl ether		320	UH	23	320
Dibenz(a,h)anthracene		120	JH	25	320
Dibenzofuran		470	H	22	320
Diethyl phthalate		320	UH	32	320
Dimethyl phthalate		320	UH	18	320
1,2-Dichlorobenzene		320	UH	19	320
1,3-Dichlorobenzene		320	UH	16	320
1,4-Dichlorobenzene		320	UH	19	320
3,3'-Dichlorobenzidine		790	UH	65	790
2,4-Dinitrotoluene		320	UH	25	320
2,6-Dinitrotoluene		320	UH	9.3	320
Fluoranthene		860	H	16	320
Fluorene		930	H	19	320
Hexachlorobenzene		320	UH	22	320
Hexachlorobutadiene		320	UH	25	320
Hexachlorocyclopentadiene		790	UH	150	790
Hexachloroethane		320	UH	18	320
Indeno[1,2,3-cd]pyrene		200	JH	21	320
Isophorone		320	UH	18	320
2-Methylnaphthalene		2100	H	9.1	320
Naphthalene		1100	H	17	320
2-Nitroaniline		2000	UH	19	2000
3-Nitroaniline		2000	UH	10	2000
Nitrobenzene		320	UH	20	320
N-Nitrosodi-n-propylamine		320	UH	21	320
N-Nitrosodiphenylamine		320	UH	18	320
Phenanthrene		2400	H	16	320

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

Client Sample ID: **WWSB-02 (10.5-11.5)**

Lab Sample ID: 220-9545-10

Date Sampled: 07/08/2009 1110

Client Matrix: Solid

% Moisture: 15.9

Date Received: 07/09/2009 1600

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29615	Instrument ID: MSC
Preparation:	3541	Prep Batch: 220-29484	Lab File ID: C12558.D
Dilution:	1.0		Initial Weight/Volume: 15.11 g
Date Analyzed:	07/31/2009 0120		Final Weight/Volume: 1.0 mL
Date Prepared:	07/29/2009 0812		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		1500	H	15	320
1,2,4-Trichlorobenzene		320	UH	21	320
4-Chloro-3-methylphenol		320	UH	13	320
2-Chlorophenol		320	UH	19	320
2-Methylphenol		320	UH	19	320
4-Methylphenol		320	UH	21	320
2,4-Dichlorophenol		320	UH	17	320
2,4-Dimethylphenol		320	UH	15	320
2,4-Dinitrophenol		2000	UH	96	2000
4,6-Dinitro-2-methylphenol		2000	UH	140	2000
2-Nitrophenol		320	UH	20	320
4-Nitrophenol		2000	UH	24	2000
Pentachlorophenol		2000	UH	190	2000
Phenol		320	UH	21	320
2,4,5-Trichlorophenol		2000	UH	16	2000
2,4,6-Trichlorophenol		320	UH	8.7	320
Benzyl alcohol		320	UH	30	320
4-Nitroaniline		320	UH	24	320
2,2'-oxybis[1-chloropropane]		320	UH	17	320

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	69		41 - 120
2-Fluorophenol	66		34 - 120
2,4,6-Tribromophenol	71		37 - 120
Nitrobenzene-d5	92		38 - 120
Phenol-d5	65		36 - 120
Terphenyl-d14	72		32 - 125

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1  
Sdg Number: 220-9545

**Client Sample ID: WWSB-19 (4-5)**

Lab Sample ID: 220-9545-1  
Client Matrix: Solid

% Moisture: 16.8

Date Sampled: 07/06/2009 1200  
Date Received: 07/07/2009 1610

### 6010B Metals (ICP)

Method: 6010B  
Preparation: 3050B  
Dilution: 1.0  
Date Analyzed: 07/16/2009 1439  
Date Prepared: 07/09/2009 1105

Analysis Batch: 220-29100  
Prep Batch: 220-28886

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 2.04 g  
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		1.5	UJ ✓	0.074	1.5
Aluminum		8780		2.9	73.7
Arsenic		7.1 J ✓		2.0	6.2
Barium		139		0.074	1.5
Beryllium		0.76	J ✓	0.074	1.5
Calcium		4550 J ✓		14.7	73.7
Cadmium		1.5	UJ ✓	0.29	1.5
Cobalt		9.5		0.15	1.5
Chromium		17.1 J ✓		0.15	1.5
Copper		51.1 J ✓		0.56	1.8
Iron		22700		4.4	36.8
Potassium		852 J ✓		14.7	73.7
Magnesium		2290		2.7	73.7
Manganese		600		0.074	2.2
Sodium		73.7	J ✓	14.7	73.7
Nickel		17.5		0.29	1.5
Lead		311		0.91	4.4
Antimony		4.9	UJ ✓	1.5	4.9
Selenium		11.1	UJ ✓	3.7	11.1
Thallium		4.4	U	1.0	4.4
Vanadium		24.4		0.29	1.5
Zinc		232		1.5	7.4

### 7471A Mercury (CVAA)

Method: 7471A  
Preparation: 7471A  
Dilution: 5.0  
Date Analyzed: 07/15/2009 1152  
Date Prepared: 07/14/2009 1054

Analysis Batch: 220-29038  
Prep Batch: 220-28982

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 0.60 g  
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		1.4		0.024	0.30

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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1  
Sdg Number: 220-9545

Client Sample ID: WWSB-22

Lab Sample ID: 220-9545-3  
Client Matrix: Water

Date Sampled: 07/08/2009 0930  
Date Received: 07/09/2009 1600

## 6010B Metals (ICP)

Method: 6010B  
Preparation: 3010A  
Dilution: 1.0  
Date Analyzed: 07/17/2009 1736  
Date Prepared: 07/15/2009 1139

Analysis Batch: 220-29150  
Prep Batch: 220-29036

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 100 mL  
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	0.25	5.0
Aluminum	411 <i>JV</i>	<i>JV</i>	10.0	250
Arsenic	8.4	<i>JV</i>	4.0	15.0
Barium	200	U	0.25	5.0
Beryllium	5.0	U	0.25	5.0
Calcium	137000	U	50.0	250
Cadmium	5.0	U	1.0	5.0
Cobalt	1.6	<i>JV</i>	0.50	5.0
Chromium	<del>0.96</del> <i>5.0 U</i> <i>✓</i>	<i>J</i>	0.50	5.0
Copper	<del>10.0</del> <i>R</i> <i>✓</i>	<i>U</i>	1.5	10.0
Iron	3390	U	15.0	125
Potassium	16700 <i>JV</i>	U	50.0	250
Magnesium	34100	U	5.0	250
Manganese	1820	U	0.25	8.0
Sodium	93500 <i>JV</i>	U	50.0	250
Nickel	1.6	<i>JV</i>	1.0	5.0
Lead	15.0	U	2.5	15.0
Antimony	15.0	U	5.0	15.0
Selenium	38.0	<i>UJV</i> <i>✓</i>	12.5	38.0
Thallium	<del>6.5</del> <i>15.0 U</i> <i>✓</i>	<i>J</i>	3.5	15.0
Vanadium	3.8	<i>JV</i>	1.0	5.0
Zinc	<del>8.2</del> <i>25.0 U</i>	<i>J</i> <i>✓</i>	5.0	25.0

## 7470A Mercury (CVAA)

Method: 7470A  
Preparation: 7470A  
Dilution: 1.0  
Date Analyzed: 07/21/2009 1538  
Date Prepared: 07/21/2009 1120

Analysis Batch: 220-29232  
Prep Batch: 220-29209

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 25 mL  
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	<del>0.20</del> <i>0.40</i> <i>✓</i>	U	0.060	<del>0.20</del> <i>0.40</i>

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

Client Sample ID: **WWSB-21**

Date Sampled: 07/08/2009 1450

Lab Sample ID: 220-9545-4

Date Received: 07/09/2009 1600

Client Matrix: Water

### 6010B Metals (ICP)

Method: 6010B  
 Preparation: 3010A  
 Dilution: 1.0  
 Date Analyzed: 07/20/2009 1314  
 Date Prepared: 07/16/2009 1340

Analysis Batch: 220-29192  
 Prep Batch: 220-29082

Instrument ID: ICAP3  
 Lab File ID: N/A  
 Initial Weight/Volume: 100 mL  
 Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	0.25	5.0
Aluminum	250	U	10.0	250
Arsenic	14.8	J ✓	4.0	15.0
Barium	789	U	0.25	5.0
Beryllium	5.0	U	0.25	5.0
Calcium	32300	U	50.0	250
Cadmium	5.0	U J ✓	1.0	5.0
Cobalt	11.7 J ✓		0.50	5.0
Chromium	<del>0.59</del> 5.0 U J ✓	J	0.50	5.0
Copper	<del>2.2</del> 10.0 U J ✓	J	1.5	10.0
Iron	2320		15.0	125
Potassium	123000 J ✓		50.0	250
Magnesium	256000		5.0	250
Manganese	135		0.25	8.0
Sodium	208000 J ✓		50.0	250
Nickel	5.0	U	1.0	5.0
Lead	15.0	U J ✓	2.5	15.0
Antimony	15.0	U J ✓	5.0	15.0
Selenium	38.0	U J ✓	12.5	38.0
Thallium	15.0	U	3.5	15.0
Vanadium	3.4	J ✓	1.0	5.0
Zinc	<del>7.0</del> 25.0 U J ✓	J ✓	5.0	25.0

### 7470A Mercury (CVAA)

Method: 7470A  
 Preparation: 7470A  
 Dilution: 1.0  
 Date Analyzed: 07/21/2009 1539  
 Date Prepared: 07/21/2009 1120

Analysis Batch: 220-29232  
 Prep Batch: 220-29209

Instrument ID: MERC1  
 Lab File ID: N/A  
 Initial Weight/Volume: 25 mL  
 Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	<del>0.20</del> 0.40 ✓	U	0.060	<del>0.20</del> 0.40

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1  
Sdg Number: 220-9545

Client Sample ID: **WWSB-XX**

Lab Sample ID: 220-9545-5

Client Matrix: Water

Date Sampled: 07/08/2009 1500

Date Received: 07/09/2009 1600

### 6010B Metals (ICP)

Method: 6010B  
Preparation: 3010A  
Dilution: 1.0  
Date Analyzed: 07/20/2009 1317  
Date Prepared: 07/16/2009 1340

Analysis Batch: 220-29192  
Prep Batch: 220-29082

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 100 mL  
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	0.25	5.0
Aluminum	250	U	10.0	250
Arsenic	10.4	J✓	4.0	15.0
Barium	810	U	0.25	5.0
Beryllium	5.0	U	0.25	5.0
Calcium	33700	U	50.0	250
Cadmium	5.0	UJ✓	1.0	5.0
Cobalt	11.5 J✓	U	0.50	5.0
Chromium	5.0	UJ✓	0.50	5.0
Copper	<del>2.3</del> 10.0 U	J✓	1.5	10.0
Iron	2390	U	15.0	125
Potassium	126000 J✓	U	50.0	250
Magnesium	267000	U	5.0	250
Manganese	139	U	0.25	8.0
Sodium	217000 J✓	U	50.0	250
Nickel	5.0	U	1.0	5.0
Lead	15.0	UJ✓	2.5	15.0
Antimony	15.0	UJ✓	5.0	15.0
Selenium	38.0	UJ✓	12.5	38.0
Thallium	15.0	U	3.5	15.0
Vanadium	3.7	J✓	1.0	5.0
Zinc	<del>5.9</del> 25.0 U	J✓	5.0	25.0

### 7470A Mercury (CVAA)

Method: 7470A  
Preparation: 7470A  
Dilution: 1.0  
Date Analyzed: 07/21/2009 1540  
Date Prepared: 07/21/2009 1120

Analysis Batch: 220-29232  
Prep Batch: 220-29209

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 25 mL  
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	<del>0.20</del> 0.40 ✓	U	0.060	<del>0.20</del> 0.40

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1  
Sdg Number: 220-9545

Client Sample ID: **FB-070809**

Date Sampled: 07/08/2009 1000  
Date Received: 07/09/2009 1600

Lab Sample ID: 220-9545-6

Client Matrix: Water

### 6010B Metals (ICP)

Method: 6010B	Analysis Batch: 220-29192	Instrument ID: ICAP3
Preparation: 3010A	Prep Batch: 220-29082	Lab File ID: N/A
Dilution: 1.0		Initial Weight/Volume: 100 mL
Date Analyzed: 07/20/2009 1245		Final Weight/Volume: 50 mL
Date Prepared: 07/16/2009 1340		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	0.25	5.0
Aluminum	250	U	10.0	250
Arsenic	15.0	U	4.0	15.0
Barium	0.49	J ✓	0.25	5.0
Beryllium	5.0	U	0.25	5.0
Calcium	250	U	50.0	250
Cadmium	1.6	J ✓	1.0	5.0
Cobalt	5.0	U	0.50	5.0
Chromium	1.0	J	0.50	5.0
Copper	2.6	J ✓	1.5	10.0
Iron	125	U	15.0	125
Potassium	250	U	50.0	250
Magnesium	250	U	5.0	250
Manganese	0.29	J ✓	0.25	8.0
Sodium	250	U	50.0	250
Nickel	5.0	U	1.0	5.0
Lead	10.5	J ✓	2.5	15.0
Antimony	15.0	U	5.0	15.0
Selenium	38.0	U J ✓	12.5	38.0
Thallium	9.7	J ✓	3.5	15.0
Vanadium	5.0	U	1.0	5.0
Zinc	6.7	J ✓	5.0	25.0

### 7470A Mercury (CVAA)

Method: 7470A	Analysis Batch: 220-29232	Instrument ID: MERC1
Preparation: 7470A	Prep Batch: 220-29209	Lab File ID: N/A
Dilution: 1.0		Initial Weight/Volume: 25 mL
Date Analyzed: 07/21/2009 1541		Final Weight/Volume: 50 mL
Date Prepared: 07/21/2009 1120		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	<del>0.20</del> 0.40 ✓	U	0.060	<del>0.20</del> 0.40

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1  
Sdg Number: 220-9545

Client Sample ID: **WWSB-02 (2-5)**

Lab Sample ID: 220-9545-9  
Client Matrix: Solid

% Moisture: 16.1

Date Sampled: 07/08/2009 1005  
Date Received: 07/09/2009 1600

### 6010B Metals (ICP)

Method: 6010B  
Preparation: 3050B  
Dilution: 1.0  
Date Analyzed: 07/16/2009 1240  
Date Prepared: 07/10/2009 1050

Analysis Batch: 220-29100  
Prep Batch: 220-28929

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 2.04 g  
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		1.5	UJ ✓	0.073	1.5
Aluminum		7350		2.9	73.1
Arsenic		5.9	J ✓	2.0	6.1
Barium		83.7		0.073	1.5
Beryllium		0.60	J ✓	0.073	1.5
Calcium		22200 J ✓		14.6	73.1
Cadmium		1.5	UJ ✓	0.29	1.5
Cobalt		8.4		0.15	1.5
Chromium		19.9 J ✓		0.15	1.5
Copper		31.7 J ✓		0.56	1.8
Iron		27500		4.4	36.5
Potassium		1170 J ✓		14.6	73.1
Magnesium		5680		2.7	73.1
Manganese		604		0.073	2.2
Sodium		324		14.6	73.1
Nickel		15.4		0.29	1.5
Lead		75.9		0.91	4.4
Antimony		4.8	UJ ✓	1.5	4.8
Selenium		11.0	UJ ✓	3.7	11.0
Thallium		1.7 4.40 ✓	J	1.0	4.4
Vanadium		32.5		0.29	1.5
Zinc		119		1.5	7.3

### 7471A Mercury (CVAA)

Method: 7471A  
Preparation: 7471A  
Dilution: 1.0  
Date Analyzed: 07/15/2009 1141  
Date Prepared: 07/14/2009 1054

Analysis Batch: 220-29038  
Prep Batch: 220-28982

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 0.65 g  
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.10		0.0044	0.055

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1  
Sdg Number: 220-9545

Client Sample ID: **WWSB-02 (10.5-11.5)**

Lab Sample ID: 220-9545-10

Date Sampled: 07/08/2009 1110

Client Matrix: Solid

% Moisture: 15.9

Date Received: 07/09/2009 1600

### 6010B Metals (ICP)

Method: 6010B  
Preparation: 3050B  
Dilution: 1.0  
Date Analyzed: 08/03/2009 1513  
Date Prepared: 07/29/2009 1034

Analysis Batch: 220-29696  
Prep Batch: 220-29494

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 2.02 g  
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		1.5	UJ ✓	0.074	1.5
Aluminum		3950		2.9	73.6
Arsenic		<del>3.2</del> 6.2 UJ	J ✓	2.0	6.2
Barium		32.0		0.074	1.5
Beryllium		0.34	J ✓	0.074	1.5
Calcium		10900 J ✓		14.7	73.6
Cadmium		<del>0.47</del> 1.5 U ✓	J	0.29	1.5
Cobalt		3.2		0.15	1.5
Chromium		11.6 J ✓		0.15	1.5
Copper		12.3 J ✓		0.56	1.8
Iron		13000		4.4	36.8
Potassium		518 J ✓		14.7	73.6
Magnesium		1640		2.7	73.6
Manganese		268		0.074	2.2
Sodium		214 U ✓		14.7	73.6
Nickel		7.2		0.29	1.5
Lead		19.1		0.91	4.4
Antimony		4.9	UJ ✓	1.5	4.9
Selenium		11.0	UJ ✓	3.7	11.0
Thallium		<del>2.5</del> 4.4 U ✓	J	1.0	4.4
Vanadium		15.1		0.29	1.5
Zinc		30.4		1.5	7.4

### 7471A Mercury (CVAA)

Method: 7471A  
Preparation: 7471A  
Dilution: 1.0  
Date Analyzed: 08/05/2009 1150  
Date Prepared: 08/04/2009 1346

Analysis Batch: 220-29772  
Prep Batch: 220-29724

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 0.62 g  
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.033	J ✓	0.0046	0.058

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1  
Sdg Number: 220-9545

Client Sample ID: **WWSB-01 (1-5)**

Lab Sample ID: 220-9593-1  
Client Matrix: Solid

% Moisture: 13.7

Date Sampled: 07/10/2009 1000  
Date Received: 07/10/2009 1940

### 6010B Metals (ICP)

Method: 6010B  
Preparation: 3050B  
Dilution: 1.0  
Date Analyzed: 07/16/2009 1337  
Date Prepared: 07/13/2009 1019

Analysis Batch: 220-29100  
Prep Batch: 220-28958

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 2.06 g  
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		1.4	UJ ✓	0.070	1.4
Aluminum		10000		2.8	70.3
Arsenic		2.7	J ✓	1.9	5.9
Barium		32.6		0.070	1.4
Beryllium		0.60	J ✓	0.070	1.4
Calcium		694 J ✓		14.1	70.3
Cadmium		1.4	UJ ✓	0.28	1.4
Cobalt		8.8		0.14	1.4
Chromium		16.5 J ✓		0.14	1.4
Copper		12.9 J ✓		0.53	1.7
Iron		21200		4.2	35.2
Potassium		898 J ✓		14.1	70.3
Magnesium		2690		2.6	70.3
Manganese		512		0.070	2.1
Sodium		89.1		14.1	70.3
Nickel		14.9		0.28	1.4
Lead		8.2		0.87	4.2
Antimony		4.6	UJ ✓	1.4	4.6
Selenium		10.5	UJ ✓	3.5	10.5
Thallium		1.3 4.2 U ✓	J	0.98	4.2
Vanadium		23.7		0.28	1.4
Zinc		37.8		1.4	7.0

### 7471A Mercury (CVAA)

Method: 7471A  
Preparation: 7471A  
Dilution: 1.0  
Date Analyzed: 07/15/2009 1142  
Date Prepared: 07/14/2009 1054

Analysis Batch: 220-29038  
Prep Batch: 220-28982

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 0.64 g  
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.024	J ✓	0.0043	0.054

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1  
Sdg Number: 220-9545

**Client Sample ID:** WWSB-01 (14-15)

Lab Sample ID: 220-9593-2

Date Sampled: 07/10/2009 1030

Client Matrix: Solid

% Moisture: 9.9

Date Received: 07/10/2009 1940

### 6010B Metals (ICP)

Method: 6010B  
Preparation: 3050B  
Dilution: 1.0  
Date Analyzed: 08/03/2009 1516  
Date Prepared: 07/29/2009 1034

Analysis Batch: 220-29696  
Prep Batch: 220-29494

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 2.08 g  
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.11	J ✓	0.067	1.3
Aluminum		7320		2.7	66.7
Arsenic		2.8 5.6 U J	J ✓	1.8	5.6
Barium		152	J ✓	0.067	1.3
Beryllium		0.85	J ✓	0.067	1.3
Calcium		2420 J ✓		13.3	66.7
Cadmium		1.3	U J ✓	0.27	1.3
Cobalt		7.8		0.13	1.3
Chromium		14.9 J ✓		0.13	1.3
Copper		6.8 J ✓		0.51	1.6
Iron		24900		4.0	33.3
Potassium		3710 J ✓		13.3	66.7
Magnesium		4720		2.4	66.7
Manganese		528		0.067	2.0
Sodium		135 U J ✓		13.3	66.7
Nickel		9.6		0.27	1.3
Lead		2.4 4.0 U J ✓	J ✓	0.83	4.0
Antimony		4.4	U J ✓	1.4	4.4
Selenium		6.4	J ✓	3.3	10.0
Thallium		4.0	U	0.93	4.0
Vanadium		41.5		0.27	1.3
Zinc		44.9		1.3	6.7

### 7471A Mercury (CVAA)

Method: 7471A  
Preparation: 7471A  
Dilution: 1.0  
Date Analyzed: 08/06/2009 1119  
Date Prepared: 08/05/2009 1136

Analysis Batch: 220-29832  
Prep Batch: 220-29770

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 0.63 g  
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.053	U	0.0042	0.053

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1  
Sdg Number: 220-9545

Client Sample ID: <sup>mwj ✓</sup> WWSW-02 (2-5)

Lab Sample ID: 220-9593-3  
Client Matrix: Solid

% Moisture: 14.0

Date Sampled: 07/10/2009 1245  
Date Received: 07/10/2009 1940

### 6010B Metals (ICP)

Method: 6010B  
Preparation: 3050B  
Dilution: 1.0  
Date Analyzed: 07/16/2009 1355  
Date Prepared: 07/13/2009 1019

Analysis Batch: 220-29100  
Prep Batch: 220-28958

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 2.10 g  
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		1.4	UJ ✓	0.069	1.4
Aluminum		8230		2.8	69.2
Arsenic		8.9 J ✓		1.9	5.8
Barium		193		0.069	1.4
Beryllium		0.68	J ✓	0.069	1.4
Calcium		16900 J ✓		13.8	69.2
Cadmium		1.4	UJ ✓	0.28	1.4
Cobalt		7.4		0.14	1.4
Chromium		18.9 J ✓		0.14	1.4
Copper		59.7 J ✓		0.53	1.7
Iron		20100		4.2	34.6
Potassium		919 J ✓		13.8	69.2
Magnesium		6580 J ✓		2.5	69.2
Manganese		233		0.069	2.1
Sodium		210		13.8	69.2
Nickel		18.6		0.28	1.4
Lead		320		0.86	4.2
Antimony		4.6	UJ ✓	1.4	4.6
Selenium		10.4	UJ ✓	3.5	10.4
Thallium		4.2	U	0.97	4.2
Vanadium		22.6		0.28	1.4
Zinc		190		1.4	6.9

### 7471A Mercury (CVAA)

Method: 7471A  
Preparation: 7471A  
Dilution: 1.0  
Date Analyzed: 07/15/2009 1146  
Date Prepared: 07/14/2009 1054

Analysis Batch: 220-29038  
Prep Batch: 220-28982

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 0.61 g  
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.55		0.0046	0.057

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1  
Sdg Number: 220-9545

Client Sample ID: <sup>mw</sup> WWSW-XX (1-2)

Lab Sample ID: 220-9593-4

Date Sampled: 07/10/2009 1300

Client Matrix: Solid

% Moisture: 15.2

Date Received: 07/10/2009 1940

### 6010B Metals (ICP)

Method: 6010B  
Preparation: 3050B  
Dilution: 1.0  
Date Analyzed: 07/16/2009 1358  
Date Prepared: 07/13/2009 1019

Analysis Batch: 220-29100  
Prep Batch: 220-28958

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 2.03 g  
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		1.5	UJ ✓	0.073	1.5
Aluminum		9380		2.9	72.6
Arsenic		7.2 J ✓		2.0	6.1
Barium		189	J ✓	0.073	1.5
Beryllium		0.70 J ✓	J ✓	0.073	1.5
Calcium		2860 J ✓	UJ ✓	14.5	72.6
Cadmium		1.5		0.29	1.5
Cobalt		9.1		0.15	1.5
Chromium		33.0 J ✓		0.15	1.5
Copper		62.7 J ✓		0.55	1.7
Iron		21000		4.4	36.3
Potassium		852 J ✓		14.5	72.6
Magnesium		2410 J ✓		2.6	72.6
Manganese		295		0.073	2.2
Sodium		152		14.5	72.6
Nickel		16.3		0.29	1.5
Lead		232		0.90	4.4
Antimony		4.8	UJ ✓	1.5	4.8
Selenium		10.9	UJ ✓	3.6	10.9
Thallium		<del>1.1</del> 4.4 U ✓	J	1.0	4.4
Vanadium		21.1		0.29	1.5
Zinc		166		1.5	7.3

### 7471A Mercury (CVAA)

Method: 7471A  
Preparation: 7471A  
Dilution: 1.0  
Date Analyzed: 07/15/2009 1148  
Date Prepared: 07/14/2009 1058

Analysis Batch: 220-29038  
Prep Batch: 220-28982

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 0.65 g  
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.62		0.0044	0.054

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1  
Sdg Number: 220-9545

Client Sample ID: **FB-070909**

Lab Sample ID: 220-9593-6FB  
Client Matrix: Water

Date Sampled: 07/09/2009 1300  
Date Received: 07/10/2009 1940

### 6010B Metals (ICP)

Method: 6010B  
Preparation: 3010A  
Dilution: 1.0  
Date Analyzed: 07/20/2009 1248  
Date Prepared: 07/16/2009 1340

Analysis Batch: 220-29192  
Prep Batch: 220-29082

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 100 mL  
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	0.25	5.0
Aluminum	250	U	10.0	250
Arsenic	15.0	U	4.0	15.0
Barium	0.56	J ✓	0.25	5.0
Beryllium	5.0	U	0.25	5.0
Calcium	250	U	50.0	250
Cadmium	1.6	J ✓	1.0	5.0
Cobalt	5.0	U	0.50	5.0
Chromium	0.90	J ✓	0.50	5.0
Copper	1.8	J ✓	1.5	10.0
Iron	125	U	15.0	125
Potassium	250	U	50.0	250
Magnesium	250	U	5.0	250
Manganese	0.38	J ✓	0.25	8.0
Sodium	250	U	50.0	250
Nickel	5.0	U	1.0	5.0
Lead	9.0	J ✓	2.5	15.0
Antimony	15.0	U	5.0	15.0
Selenium	38.0	U J ✓	12.5	38.0
Thallium	3.7	J ✓	3.5	15.0
Vanadium	5.0	U	1.0	5.0
Zinc	6.4	J ✓	5.0	25.0

### 7470A Mercury (CVAA)

Method: 7470A  
Preparation: 7470A  
Dilution: 1.0  
Date Analyzed: 07/21/2009 1544  
Date Prepared: 07/21/2009 1120

Analysis Batch: 220-29232  
Prep Batch: 220-29209

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 25 mL  
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20 <del>0.40</del> ✓	U	0.060	<del>0.20</del> 0.40

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

Client Sample ID: **WWMW-02 (15-17)**

Lab Sample ID: 220-9593-7

Date Sampled: 07/10/2009 1440

Client Matrix: Solid

% Moisture: 15.5

Date Received: 07/10/2009 1940

### 6010B Metals (ICP)

Method: 6010B  
Preparation: 3050B  
Dilution: 1.0  
Date Analyzed: 08/03/2009 1519  
Date Prepared: 07/29/2009 1034

Analysis Batch: 220-29696  
Prep Batch: 220-29494

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 2.10 g  
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.14	J✓	0.070	1.4
Aluminum		2990		2.8	70.4
Arsenic		<del>5.6</del> 5.9 UJ✓	J	1.9	5.9
Barium		15.4		0.070	1.4
Beryllium		0.46	J✓	0.070	1.4
Calcium		647 J✓		14.1	70.4
Cadmium		1.4	UJ✓	0.28	1.4
Cobalt		6.4		0.14	1.4
Chromium		14.2 J✓		0.14	1.4
Copper		11.0 J✓		0.54	1.7
Iron		28600		4.2	35.2
Potassium		454 J✓		14.1	70.4
Magnesium		977		2.6	70.4
Manganese		378		0.070	2.1
Sodium		155 UJ✓		14.1	70.4
Nickel		13.0		0.28	1.4
Lead		7.8 J✓		0.87	4.2
Antimony		4.6	UJ✓	1.4	4.6
Selenium		7.7	J✓	3.5	10.6
Thallium		<del>2.1</del> 4.2 U	J✓	0.99	4.2
Vanadium		19.9		0.28	1.4
Zinc		24.8		1.4	7.0

### 7471A Mercury (CVAA)

Method: 7471A  
Preparation: 7471A  
Dilution: 1.0  
Date Analyzed: 08/06/2009 1120  
Date Prepared: 08/05/2009 1136

Analysis Batch: 220-29832  
Prep Batch: 220-29770

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 0.62 g  
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.0059	J✓	0.0046	0.057

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1  
Sdg Number: 220-9545

### General Chemistry

Client Sample ID: **WWSB-19 (4-5)**

Lab Sample ID: 220-9545-1  
Client Matrix: Solid

% Moisture: 16.8

Date Sampled: 07/06/2009 1200  
Date Received: 07/07/2009 1610

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	238	U	ug/Kg	24.2	238	1.0	D4282_02 DryWt Corrected: Y
	Analysis Batch: 220-29081		Date Analyzed: 07/16/2009 1600				
	Prep Batch: 220-29078		Date Prepared: 07/16/2009 1105				
Ammonia	4.7	✓	mg/Kg	1.2	2.4	1.0	SM 4500 NH3 DryWt Corrected: Y
	Analysis Batch: 220-29434		Date Analyzed: 07/27/2009 1556				
	Prep Batch: 220-29470		Date Prepared: 07/24/2009 1915				
Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	16.8		%	0.10	0.10	1.0	Moisture DryWt Corrected: N
	Analysis Batch: 220-28861		Date Analyzed: 07/08/2009 1409				
Percent Solids	83.2		%	0.10	0.10	1.0	Moisture DryWt Corrected: N
	Analysis Batch: 220-28861		Date Analyzed: 07/08/2009 1409				

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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

## General Chemistry

Client Sample ID: **WWSB-22**

Lab Sample ID: 220-9545-3

Client Matrix: Water

Date Sampled: 07/08/2009 0930

Date Received: 07/09/2009 1600

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	60.9		ug/L	2.9	10.0	1.0	9012B
	Analysis Batch: 220-29046		Date Analyzed: 07/15/2009 1238				
	Prep Batch: 220-29040		Date Prepared: 07/14/2009 1400				
Ammonia	0.96		mg/L	0.033	0.10	1.0	SM 4500 NH3
	Analysis Batch: 220-29434		Date Analyzed: 07/27/2009 1545				
	Prep Batch: 220-29467		Date Prepared: 07/24/2009 1915				

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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1  
Sdg Number: 220-9545

## General Chemistry

Client Sample ID: WWSB-21

Lab Sample ID: 220-9545-4  
Client Matrix: Water

Date Sampled: 07/08/2009 1450  
Date Received: 07/09/2009 1600

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	3540		ug/L	145	500	50	9012B
	Analysis Batch: 220-29046		Date Analyzed: 07/15/2009 1301				
	Prep Batch: 220-29040		Date Prepared: 07/14/2009 1400				
Ammonia	0.61		mg/L	0.033	0.10	1.0	SM 4500 NH3
	Analysis Batch: 220-29434		Date Analyzed: 07/27/2009 1545				
	Prep Batch: 220-29467		Date Prepared: 07/24/2009 1915				

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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1  
Sdg Number: 220-9545

## General Chemistry

Client Sample ID: **WWSB-XX**

Lab Sample ID: 220-9545-5  
Client Matrix: Water

Date Sampled: 07/08/2009 1500  
Date Received: 07/09/2009 1600

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	3900		ug/L	145	500	50	9012B
	Analysis Batch: 220-29046	Date Analyzed: 07/15/2009 1302					
	Prep Batch: 220-29040	Date Prepared: 07/14/2009 1400					
Ammonia	0.60		mg/L	0.033	0.10	1.0	SM 4500 NH3
	Analysis Batch: 220-29434	Date Analyzed: 07/27/2009 1556					
	Prep Batch: 220-29467	Date Prepared: 07/24/2009 1915					

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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1  
Sdg Number: 220-9545

## General Chemistry

Client Sample ID: **FB-070809**

Lab Sample ID: 220-9545-6  
Client Matrix: Water

Date Sampled: 07/08/2009 1000  
Date Received: 07/09/2009 1600

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	10.0	U	ug/L	2.9	10.0	1.0	9012B
	Analysis Batch: 220-29046	Date Analyzed: 07/15/2009 1241					
	Prep Batch: 220-29040	Date Prepared: 07/14/2009 1400					
Ammonia	0.052	JV	mg/L	0.033	0.10	1.0	SM 4500 NH3
	Analysis Batch: 220-29434	Date Analyzed: 07/27/2009 1556					
	Prep Batch: 220-29467	Date Prepared: 07/24/2009 1915					

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1  
Sdg Number: 220-9545

### General Chemistry

**Client Sample ID:** WWSB-02 (2-5)

Lab Sample ID: 220-9545-9

Client Matrix: Solid

% Moisture: 16.1

Date Sampled: 07/08/2009 1005

Date Received: 07/09/2009 1600

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	237	U	ug/Kg	24.1	237	1.0	D4282_02
		Analysis Batch: 220-29081		Date Analyzed: 07/16/2009 1601		DryWt Corrected: Y	
		Prep Batch: 220-29078		Date Prepared: 07/16/2009 1105			

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	16.1		%	0.10	0.10	1.0	Moisture
		Analysis Batch: 220-28936		Date Analyzed: 07/10/2009 1502		DryWt Corrected: N	
Percent Solids	83.9		%	0.10	0.10	1.0	Moisture
		Analysis Batch: 220-28936		Date Analyzed: 07/10/2009 1502		DryWt Corrected: N	

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**Analytical Data**

Client: GEI Consultants, Inc.

Job Number: 220-9545-1  
Sdg Number: 220-9545

**General Chemistry**

Client Sample ID: **WWSB-02 (10.5-11.5)**

Lab Sample ID: 220-9545-10  
Client Matrix: Solid

% Moisture: 15.9

Date Sampled: 07/08/2009 1110  
Date Received: 07/09/2009 1600

Analyte	Result	Qual / Units	MDL	RL	Dil	Method
Cyanide, Free	235	U ✓ ug/Kg	23.9	235	1.0	D4282_02
	Analysis Batch: 220-29778	Date Analyzed: 08/04/2009 1553				DryWt Corrected: Y
	Prep Batch: 220-29742	Date Prepared: 08/04/2009 1130				

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	15.9		%	0.10	0.10	1.0	Moisture
	Analysis Batch: 220-29520	Date Analyzed: 07/29/2009 1519					DryWt Corrected: N
Percent Solids	84.1		%	0.10	0.10	1.0	Moisture
	Analysis Batch: 220-29520	Date Analyzed: 07/29/2009 1519					DryWt Corrected: N

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1  
Sdg Number: 220-9545

### General Chemistry

Client Sample ID: **WWSB-01 (1-5)**

Lab Sample ID: 220-9593-1

Date Sampled: 07/10/2009 1000

Client Matrix: Solid

% Moisture: 13.7

Date Received: 07/10/2009 1940

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	232	U	ug/Kg	23.5	232	1.0	D4282_02
		Analysis Batch: 220-29081		Date Analyzed: 07/16/2009 1601		DryWt Corrected: Y	
		Prep Batch: 220-29078		Date Prepared: 07/16/2009 1105			

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.7		%	0.10	0.10	1.0	Moisture
		Analysis Batch: 220-28969		Date Analyzed: 07/13/2009 1527		DryWt Corrected: N	
Percent Solids	86.3		%	0.10	0.10	1.0	Moisture
		Analysis Batch: 220-28969		Date Analyzed: 07/13/2009 1527		DryWt Corrected: N	

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1  
Sdg Number: 220-9545

### General Chemistry

Client Sample ID: **WWSB-01 (14-15)**

Lab Sample ID: 220-9593-2

Client Matrix: Solid

% Moisture: 9.9

Date Sampled: 07/10/2009 1030

Date Received: 07/10/2009 1940

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	222	UJ ✓	ug/Kg	22.5	222	1.0	D4282_02
	Analysis Batch: 220-29778	Date Analyzed: 08/04/2009	1553				DryWt Corrected: Y
	Prep Batch: 220-29742	Date Prepared: 08/04/2009	1130				

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	9.9		%	0.10	0.10	1.0	Moisture
	Analysis Batch: 220-29520	Date Analyzed: 07/29/2009	1525				DryWt Corrected: N
Percent Solids	90.1		%	0.10	0.10	1.0	Moisture
	Analysis Batch: 220-29520	Date Analyzed: 07/29/2009	1525				DryWt Corrected: N

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1  
Sdg Number: 220-9545

### General Chemistry

Client Sample ID: **WWSW-02 (2-5)**

Lab Sample ID: 220-9593-3

Client Matrix: Solid

% Moisture: 14.0

Date Sampled: 07/10/2009 1245

Date Received: 07/10/2009 1940

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	229	U	ug/Kg	23.3	229	1.0	D4282_02
	Analysis Batch: 220-29081	Date Analyzed: 07/16/2009 1603					DryWt Corrected: Y
	Prep Batch: 220-29078	Date Prepared: 07/16/2009 1105					

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	14.0		%	0.10	0.10	1.0	Moisture
	Analysis Batch: 220-28969	Date Analyzed: 07/13/2009 1527					DryWt Corrected: N
Percent Solids	86.0		%	0.10	0.10	1.0	Moisture
	Analysis Batch: 220-28969	Date Analyzed: 07/13/2009 1527					DryWt Corrected: N

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**Analytical Data**

Client: GEI Consultants, Inc.

Job Number: 220-9545-1  
Sdg Number: 220-9545

**General Chemistry**

Client Sample ID: **WWSW-XX (1-2)**

Lab Sample ID: 220-9593-4  
Client Matrix: Solid

% Moisture: 15.2

Date Sampled: 07/10/2009 1300  
Date Received: 07/10/2009 1940

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	234	U	ug/Kg	23.8	234	1.0	D4282_02
Analysis Batch: 220-29081		Date Analyzed: 07/16/2009 1604		DryWt Corrected: Y			
Prep Batch: 220-29078		Date Prepared: 07/16/2009 1105					
Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	15.2		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-28969		Date Analyzed: 07/13/2009 1527		DryWt Corrected: N			
Percent Solids	84.8		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-28969		Date Analyzed: 07/13/2009 1527		DryWt Corrected: N			

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Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1  
Sdg Number: 220-9545

General Chemistry

Client Sample ID: FB-070909

Lab Sample ID: 220-9593-6FB  
Client Matrix: Water

Date Sampled: 07/09/2009 1300  
Date Received: 07/10/2009 1940

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	10.0	U	ug/L	1.7	10.0	1.0	D4282_02

Analysis Batch: 220-29281      Date Analyzed: 07/22/2009 1359  
Prep Batch: 220-29264      Date Prepared: 07/22/2009 0910

*AS* 11/4/09  
*Jan*  
10/26/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

### General Chemistry

**Client Sample ID:** WWMW-02 (15-17)

Lab Sample ID: 220-9593-7

Date Sampled: 07/10/2009 1440

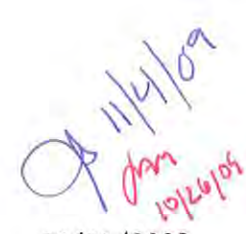
Client Matrix: Solid

% Moisture: 15.5

Date Received: 07/10/2009 1940

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	236	UJ ✓	ug/Kg	24.0	236	1.0	D4282_02
	Analysis Batch: 220-29778	Date Analyzed: 08/04/2009 1554					DryWt Corrected: Y
	Prep Batch: 220-29742	Date Prepared: 08/04/2009 1130					

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	15.5		%	0.10	0.10	1.0	Moisture
	Analysis Batch: 220-29520	Date Analyzed: 07/29/2009 1525					DryWt Corrected: N
Percent Solids	84.5		%	0.10	0.10	1.0	Moisture
	Analysis Batch: 220-29520	Date Analyzed: 07/29/2009 1525					DryWt Corrected: N

 11/4/09  
 Jan  
 10/26/09



# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

Client Sample ID: **WWSB-19 (4-5)**

Lab Sample ID: 220-9545-1

Client Matrix: Solid

% Moisture: 16.8

Date Sampled: 07/06/2009 1200

Date Received: 07/07/2009 1610

## 8081A Organochlorine Pesticides (GC)

Method: 8081A  
Preparation: 3550B  
Dilution: 1.0  
Date Analyzed: 07/17/2009 1707  
Date Prepared: 07/08/2009 1046

Analysis Batch: 220-29168  
Prep Batch: 220-28845

Instrument ID: GC8  
Initial Weight/Volume: 30.13 g  
Final Weight/Volume: 10 mL  
Injection Volume: 1.0 uL  
Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Endrin aldehyde		2.3	J ✓	0.49	4.0

*07/17/09*

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1  
Sdg Number: 220-9545

Client Sample ID: **WWSB-19 (4-5)**

Lab Sample ID: 220-9545-1

Date Sampled: 07/06/2009 1200

Client Matrix: Solid

% Moisture: 16.8

Date Received: 07/07/2009 1610

### 8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch: 220-29226	Instrument ID: GC8
Preparation:	3550B	Prep Batch: 220-28845	Initial Weight/Volume: 30.13 g
Dilution:	1.0		Final Weight/Volume: 10 mL
Date Analyzed:	07/20/2009 1453		Injection Volume: 1.0 uL
Date Prepared:	07/08/2009 1046		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		4.0	U	0.71	4.0
4,4'-DDE		4.0	U J ✓	0.80	4.0
4,4'-DDT		4.0	U J ✓	0.97	4.0
Aldrin		2.0	U J ✓	0.22	2.0
alpha-BHC		2.0	U	0.29	2.0
beta-BHC		2.0	U J ✓	0.45	2.0
delta-BHC		2.0	U J ✓	0.44	2.0
Dieldrin		4.0	U	0.68	4.0
Endosulfan I		2.0	U J ✓	0.35	2.0
Endosulfan II		4.0	U	0.74	4.0
Endosulfan sulfate		4.0	U J ✓	0.71	4.0
Endrin		4.0	U J ✓	0.74	4.0
Endrin ketone		4.0	U J ✓	0.73	4.0
gamma-BHC (Lindane)		2.0	U J ✓	0.34	2.0
Heptachlor		0.45	J ✓	0.38	2.0
Heptachlor epoxide		2.0	U J ✓	0.36	2.0
Methoxychlor		20	U J ✓	4.4	20
Toxaphene		99	U J ✓	11	99
alpha-Chlordane		2.0	U J ✓	0.33	2.0
gamma-Chlordane		0.84	J ✓	0.63	2.0
Surrogate		%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl		144		25 - 159	
Tetrachloro-m-xylene		83		24 - 154	

*JS 11/2/09*  
*JAM*  
*10/27/09*

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1  
Sdg Number: 220-9545

Client Sample ID: WWSB-22  
Lab Sample ID: 220-9545-3  
Client Matrix: Water

Date Sampled: 07/08/2009 0930  
Date Received: 07/09/2009 1600

## 8081A Organochlorine Pesticides (GC)

Method: 8081A  
Preparation: 3510C  
Dilution: 1.0  
Date Analyzed: 07/17/2009 1758  
Date Prepared: 07/14/2009 1037

Analysis Batch: 220-29168  
Prep Batch: 220-28980

Instrument ID: GC8  
Initial Weight/Volume: 1000 mL  
Final Weight/Volume: 10 mL  
Injection Volume: 1.0 uL  
Result Type: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	0.10	U	0.013	0.10
4,4'-DDE	0.10	U	0.011	0.10
4,4'-DDT	0.10	U	0.014	0.10
Aldrin	0.050	U	0.0071	0.050
alpha-BHC	<del>0.0076</del> 0.050U ✓	J-p	0.0031	0.050
beta-BHC	0.050	U	0.0072	0.050
delta-BHC	<del>0.0058</del> 0.050U ✓	J-p	0.0043	0.050
Dieldrin	0.10	U	0.012	0.10
Endosulfan I	<del>0.0086</del> 0.050U ✓	J-p	0.0049	0.050
Endosulfan II	0.10	U	0.011	0.10
Endosulfan sulfate	0.10	U	0.011	0.10
Endrin	0.10	U	0.014	0.10
Endrin aldehyde	0.10	U	0.013	0.10
Endrin ketone	0.10	U	0.017	0.10
gamma-BHC (Lindane)	0.050	U	0.0055	0.050
Heptachlor	0.050	U	0.0061	0.050
Heptachlor epoxide	0.050	U	0.0055	0.050
Methoxychlor	0.50	U	0.082	0.50
Toxaphene	2.5	U	0.040	2.5
alpha-Chlordane	0.050	U	0.0051	0.050
gamma-Chlordane	0.050	U	0.0084	0.050
Surrogate	%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl	32		29 - 120	
Tetrachloro-m-xylene	65		20 - 132	

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08/11/2009  
DAM  
10/27/09



# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

Client Sample ID: **WWSB-21**

Date Sampled: 07/08/2009 1450

Lab Sample ID: 220-9545-4

Date Received: 07/09/2009 1600

Client Matrix: Water

## 8081A Organochlorine Pesticides (GC)

Method: 8081A  
 Preparation: 3510C  
 Dilution: 1.0  
 Date Analyzed: 07/17/2009 1823  
 Date Prepared: 07/14/2009 1037

Analysis Batch: 220-29168  
 Prep Batch: 220-28980

Instrument ID: GC8  
 Initial Weight/Volume: 1000 mL  
 Final Weight/Volume: 10 mL  
 Injection Volume: 1.0 uL  
 Result Type: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	0.10	U	0.013	0.10
4,4'-DDE	0.10	U	0.011	0.10
4,4'-DDT	0.032 0.10U ✓	Jp	0.014	0.10
Aldrin	0.028	Jp	0.0071	0.050
alpha-BHC	0.0036 0.050U	Jp ✓	0.0031	0.050
beta-BHC	0.050	U	0.0072	0.050
delta-BHC	0.050	U	0.0043	0.050
Dieldrin	0.10	U	0.012	0.10
Endosulfan I	0.050	U	0.0049	0.050
Endosulfan II	0.035	J ✓	0.011	0.10
Endosulfan sulfate	0.10	U	0.011	0.10
Endrin	0.10	U	0.014	0.10
Endrin aldehyde	0.10	U	0.013	0.10
Endrin ketone	0.10	U	0.017	0.10
gamma-BHC (Lindane)	0.050	U	0.0055	0.050
Heptachlor	0.024 0.050U	Jp ✓	0.0061	0.050
Heptachlor epoxide	0.050	U	0.0055	0.050
Methoxychlor	0.50	U	0.082	0.50
Toxaphene	2.5	U	0.040	2.5
alpha-Chlordane	0.050	U	0.0051	0.050
gamma-Chlordane	0.050	U	0.0084	0.050

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	30		29 - 120
Tetrachloro-m-xylene	57		20 - 132

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 08/11/2009  
 10/22/09

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1  
Sdg Number: 220-9545

Client Sample ID: **WWSB-XX**

Date Sampled: 07/08/2009 1500  
Date Received: 07/09/2009 1600

Lab Sample ID: 220-9545-5

Client Matrix: Water

## 8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch: 220-29168	Instrument ID:	GC8
Preparation:	3510C	Prep Batch: 220-28980	Initial Weight/Volume:	1000 mL
Dilution:	1.0		Final Weight/Volume:	10 mL
Date Analyzed:	07/17/2009 1849		Injection Volume:	1.0 uL
Date Prepared:	07/14/2009 1037		Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	0.10	U J ✓	0.013	0.10
4,4'-DDE	0.10	U J ✓	0.011	0.10
4,4'-DDT	<del>0.035</del> 0.10 U J	J p ✓	0.014	0.10
Aldrin	0.044	J ✓	0.0071	0.050
alpha-BHC	<del>0.0062</del> 0.050 U	J p ✓	0.0031	0.050
beta-BHC	0.050	U J ✓	0.0072	0.050
delta-BHC	0.050	U ✓	0.0043	0.050
Dieldrin	0.10	U ↓	0.012	0.10
Endosulfan I	0.050	U J ✓	0.0049	0.050
Endosulfan II	<del>0.019</del> 0.10 U J	J p ✓	0.011	0.10
Endosulfan sulfate	0.10	U J ✓	0.011	0.10
Endrin	0.10	U ✓	0.014	0.10
Endrin aldehyde	0.10	U ✓	0.013	0.10
Endrin ketone	0.10	U ✓	0.017	0.10
gamma-BHC (Lindane)	0.050	U ✓	0.0055	0.050
Heptachlor	0.050	U ✓	0.0061	0.050
Heptachlor epoxide	0.050	U ✓	0.0055	0.050
Methoxychlor	0.50	U ✓	0.082	0.50
Toxaphene	2.5	U ✓	0.040	2.5
alpha-Chlordane	0.050	U ↓	0.0051	0.050
gamma-Chlordane	0.050	U J ✓	0.0084	0.050

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	27	*	29 - 120
Tetrachloro-m-xylene	78		20 - 132

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*Handwritten date: 10/27/09*

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

**Client Sample ID: FB-070809**

Lab Sample ID: 220-9545-6

Client Matrix: Water

Date Sampled: 07/08/2009 1000

Date Received: 07/09/2009 1600

### 8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch: 220-29168	Instrument ID: GC8
Preparation:	3510C	Prep Batch: 220-28980	Initial Weight/Volume: 860 mL
Dilution:	1.0		Final Weight/Volume: 10 mL
Date Analyzed:	07/17/2009 1914		Injection Volume: 1.0 uL
Date Prepared:	07/14/2009 1037		Result Type: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	0.12	U	0.015	0.12
4,4'-DDE	0.12	U	0.013	0.12
4,4'-DDT	0.12	U	0.017	0.12
Aldrin	0.058	U	0.0083	0.058
alpha-BHC	0.058	U	0.0036	0.058
beta-BHC	0.058	U	0.0084	0.058
delta-BHC	0.058	U	0.0050	0.058
Dieldrin	0.12	U	0.014	0.12
Endosulfan I	0.058	U	0.0057	0.058
Endosulfan II	0.12	U	0.013	0.12
Endosulfan sulfate	0.12	U	0.013	0.12
Endrin	0.12	U	0.016	0.12
Endrin aldehyde	0.12	U	0.016	0.12
Endrin ketone	0.12	U	0.020	0.12
gamma-BHC (Lindane)	0.058	U	0.0064	0.058
Heptachlor	<del>0.0091</del> 0.058 U ✓	U ✓	0.0071	0.058
Heptachlor epoxide	0.058	U	0.0064	0.058
Methoxychlor	0.58	U	0.095	0.58
Toxaphene	2.9	U	0.047	2.9
alpha-Chlordane	0.058	U	0.0059	0.058
gamma-Chlordane	0.058	U	0.0098	0.058
<hr/>				
Surrogate	%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl	45		29 - 120	
Tetrachloro-m-xylene	84		20 - 132	

JG 11/2/09  
 JSM  
 10/27/09



# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1  
Sdg Number: 220-9545

Client Sample ID: **WWSB-02 (2-5)**

Lab Sample ID: 220-9545-9

Date Sampled: 07/08/2009 1005

Client Matrix: Solid

% Moisture: 16.1

Date Received: 07/09/2009 1600

## 8081A Organochlorine Pesticides (GC)

Method: 8081A

Analysis Batch: 220-29168

Instrument ID: GC8

Preparation: 3550B

Prep Batch: 220-28975

Initial Weight/Volume: 30.45 g

Dilution: 1.0

Final Weight/Volume: 10 mL

Date Analyzed: 07/17/2009 1732

Injection Volume: 1.0 uL

Date Prepared: 07/14/2009 0919

Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Endrin aldehyde		3.9	U	0.48	3.9

*8/11/09*  
*Don*  
*10/2/09*

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1  
Sdg Number: 220-9545

Client Sample ID: **WWSB-02 (2-5)**

Date Sampled: 07/08/2009 1005  
Date Received: 07/09/2009 1600

Lab Sample ID: 220-9545-9

Client Matrix: Solid

% Moisture: 16.1

### 8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch: 220-29226	Instrument ID: GC8
Preparation:	3550B	Prep Batch: 220-28975	Initial Weight/Volume: 30.45 g
Dilution:	1.0		Final Weight/Volume: 10 mL
Date Analyzed:	07/20/2009 1518		Injection Volume: 1.0 uL
Date Prepared:	07/14/2009 0919		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		3.9	U	0.70	3.9
4,4'-DDE		3.9	UJ✓	0.79	3.9
4,4'-DDT		2.0	Jp✓	0.95	3.9
Aldrin		2.0	UJ✓	0.21	2.0
alpha-BHC		2.0	U	0.29	2.0
beta-BHC		2.0	UJ✓	0.44	2.0
delta-BHC		2.0	UJ✓	0.43	2.0
Dieldrin		3.9	U	0.67	3.9
Endosulfan I		2.0	UJ✓	0.34	2.0
Endosulfan II		3.9	U	0.73	3.9
Endosulfan sulfate		3.9	UJ✓	0.70	3.9
Endrin		3.9	UJ✓	0.72	3.9
Endrin ketone		3.9	UJ✓	0.71	3.9
gamma-BHC (Lindane)		2.0	UJ✓	0.34	2.0
Heptachlor		2.0	UJ✓	0.37	2.0
Heptachlor epoxide		0.76	J✓	0.35	2.0
Methoxychlor		20	UJ✓	4.3	20
Toxaphene		97	UJ✓	11	97
alpha-Chlordane		<del>0.72</del> 1.0UJ✓	Jp✓	0.32	2.0
gamma-Chlordane		0.88	J✓	0.62	2.0
Surrogate		%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl		102		25 - 159	
Tetrachloro-m-xylene		76		24 - 154	

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

Client Sample ID: **WWSB-01 (1-5)**

Date Sampled: 07/10/2009 1000

Lab Sample ID: 220-9593-1

Date Received: 07/10/2009 1940

Client Matrix: Solid

% Moisture: 13.7

### 8081A Organochlorine Pesticides (GC)

Method: 8081A  
 Preparation: 3550B  
 Dilution: 1.0  
 Date Analyzed: 07/21/2009 2316  
 Date Prepared: 07/14/2009 0919

Analysis Batch: 220-29273  
 Prep Batch: 220-28975

Instrument ID: GC7  
 Initial Weight/Volume: 30.18 g  
 Final Weight/Volume: 10 mL  
 Injection Volume: 1.0 uL  
 Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		3.8	U	0.68	3.8
4,4'-DDE		3.8	U	0.77	3.8
4,4'-DDT		3.8	U	0.93	3.8
Aldrin		2.0	U	0.21	2.0
alpha-BHC		2.0	U	0.28	2.0
beta-BHC		2.0	U	0.43	2.0
delta-BHC		2.0	U	0.42	2.0
Dieldrin		2.0	U	0.66	3.8
Endosulfan I		3.8	U	0.34	2.0
Endosulfan II		3.8	U	0.72	3.8
Endosulfan sulfate		3.8	U	0.68	3.8
Endrin		3.8	U	0.71	3.8
Endrin aldehyde		3.8	U	0.47	3.8
Endrin ketone		3.8	U	0.70	3.8
gamma-BHC (Lindane)		2.0	U	0.33	2.0
Heptachlor		2.0	U	0.37	2.0
Heptachlor epoxide		2.0	U	0.35	2.0
Methoxychlor		20	U	4.2	20
Toxaphene		96	U	11	96
alpha-Chlordane		2.0	U	0.32	2.0
gamma-Chlordane		2.0	U	0.61	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	137		25 - 159
Tetrachloro-m-xylene	84		24 - 154

10/2-10/5



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1  
Sdg Number: 220-9545

Client Sample ID: <sup>mlj</sup> **WWSW-02 (2-5)**

Lab Sample ID: 220-9593-3  
Client Matrix: Solid

% Moisture: 14.0

Date Sampled: 07/10/2009 1245  
Date Received: 07/10/2009 1940

### 8081A Organochlorine Pesticides (GC)

Method: 8081A	Analysis Batch: 220-29273	Instrument ID: GC7
Preparation: 3550B	Prep Batch: 220-28975	Initial Weight/Volume: 30.14 g
Dilution: 1.0		Final Weight/Volume: 10 mL
Date Analyzed: 07/22/2009 0016		Injection Volume: 1.0 µL
Date Prepared: 07/14/2009 0919		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		37 <i>J ✓</i>	<del>p</del>	0.69	3.8
4,4'-DDE		3.8	U	0.78	3.8
4,4'-DDT		15 <i>J ✓</i>	<del>p</del>	0.94	3.8
Aldrin		2.0	U	0.21	2.0
alpha-BHC		2.0	U	0.28	2.0
beta-BHC		<del>1.2</del> <i>2.0 U ✓</i>	<del>p</del>	0.43	2.0
delta-BHC		2.0	U	0.42	2.0
Dieldrin		3.8	U	0.66	3.8
Endosulfan I		2.0	U	0.34	2.0
Endosulfan II		10 <i>J ✓</i>	<del>p</del>	0.72	3.8
Endosulfan sulfate		12 <i>JN ✓</i>	<del>p</del>	0.69	3.8
Endrin		3.8	U	0.71	3.8
Endrin aldehyde		10 <i>JN ✓</i>	<del>pB</del>	0.47	3.8
Endrin ketone		24 <i>J ✓</i>	<del>p</del>	0.70	3.8
gamma-BHC (Lindane)		<del>0.91</del> <i>2.0 U ✓</i>	<del>J-p</del>	0.33	2.0
Heptachlor		2.0	U	0.37	2.0
Heptachlor epoxide		3.6 <i>JN ✓</i>	<del>p</del>	0.35	2.0
Methoxychlor		20	U	4.2	20
Toxaphene		96	U	11	96
alpha-Chlordane		2.0	U	0.32	2.0
gamma-Chlordane		2.0	U	0.61	2.0
Surrogate		%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl		596	p*	25 - 159	
Tetrachloro-m-xylene		113		24 - 154	

9/8/11/2/09  
*JSM*  
10/22/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

Client Sample ID: <sup>mwj</sup> WWSW-XX (1-2)

Lab Sample ID: 220-9593-4

Date Sampled: 07/10/2009 1300

Client Matrix: Solid

% Moisture: 15.2

Date Received: 07/10/2009 1940

### 8081A Organochlorine Pesticides (GC)

Method: 8081A  
Preparation: 3550B  
Dilution: 1.0  
Date Analyzed: 07/22/2009 0036  
Date Prepared: 07/14/2009 0923

Analysis Batch: 220-29273  
Prep Batch: 220-28975

Instrument ID: GC7  
Initial Weight/Volume: 30.05 g  
Final Weight/Volume: 10 mL  
Injection Volume: 1.0 uL  
Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		34 J ✓	<del>P</del> U	0.70	3.9
4,4'-DDE		3.9	U	0.79	3.9
4,4'-DDT		34 J ✓		0.95	3.9
Aldrin		2.0	U	0.21	2.0
alpha-BHC		2.0	U	0.29	2.0
beta-BHC		<del>4.3</del> 2.0 U ✓	<del>J</del> P	0.44	2.0
delta-BHC		2.0	U	0.43	2.0
Dieldrin		3.9	U	0.67	3.9
Endosulfan I		2.0	U	0.34	2.0
Endosulfan II		3.9	U	0.73	3.9
Endosulfan sulfate		11 J ✓	<del>P</del> U	0.70	3.9
Endrin		3.9	U	0.73	3.9
Endrin aldehyde		13 J ✓	<del>P</del> B	0.48	3.9
Endrin ketone		36 J ✓		0.71	3.9
gamma-BHC (Lindane)		2.0	U	0.34	2.0
Heptachlor		2.0	U	0.38	2.0
Heptachlor epoxide		3.3 J ✓	<del>P</del> U	0.35	2.0
Methoxychlor		20	U	4.3	20
Toxaphene		98	U	11	98
alpha-Chlordane		2.0	U	0.32	2.0
gamma-Chlordane		2.0	U	0.62	2.0
Surrogate		%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl		1020	E *	25 - 159	
Tetrachloro-m-xylene		108		24 - 154	

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1  
Sdg Number: 220-9545

Client Sample ID: **FB-070909**  
Lab Sample ID: 220-9593-6FB  
Client Matrix: Water

Date Sampled: 07/09/2009 1300  
Date Received: 07/10/2009 1940

### 8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch: 220-29273	Instrument ID: GC7
Preparation:	3510C	Prep Batch: 220-28980	Initial Weight/Volume: 940 mL
Dilution:	1.0		Final Weight/Volume: 10 mL
Date Analyzed:	07/22/2009 0056		Injection Volume: 1.0 uL
Date Prepared:	07/14/2009 1037		Result Type: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	0.11	U	0.014	0.11
4,4'-DDE	0.11	U	0.012	0.11
4,4'-DDT	0.11	U	0.015	0.11
Aldrin	0.053	U	0.0076	0.053
alpha-BHC	0.053	U	0.0033	0.053
beta-BHC	0.053	U	0.0077	0.053
delta-BHC	0.053	U	0.0046	0.053
Dieldrin	0.11	U	0.013	0.11
Endosulfan I	0.053	U	0.0052	0.053
Endosulfan II	0.11	U	0.012	0.11
Endosulfan sulfate	0.11	U	0.012	0.11
Endrin	<del>0.067</del> 0.11 U ✓	<del>J-p</del>	0.014	0.11
Endrin aldehyde	0.11	U	0.014	0.11
Endrin ketone	0.13 JN ✓	<del>p</del>	0.018	0.11
gamma-BHC (Lindane)	0.053	U	0.0059	0.053
Heptachlor	0.053	U	0.0065	0.053
Heptachlor epoxide	0.053	U	0.0059	0.053
Methoxychlor	0.53	U	0.087	0.53
Toxaphene	2.7	U	0.043	2.7
alpha-Chlordane	0.053	U	0.0054	0.053
gamma-Chlordane	0.053	U	0.0089	0.053
Surrogate	%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl	60	p	29 - 120	
Tetrachloro-m-xylene	78		20 - 132	

10/27/09



# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1  
Sdg Number: 220-9545

Client Sample ID: **WWSB-19 (4-5)**

Lab Sample ID: 220-9545-1

Client Matrix: Solid

% Moisture: 16.8

Date Sampled: 07/06/2009 1200

Date Received: 07/07/2009 1610

## 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 220-28954	Instrument ID:	GC9
Preparation:	3550B	Prep Batch: 220-28845	Initial Weight/Volume:	30.13 g
Dilution:	1.0		Final Weight/Volume:	10 mL
Date Analyzed:	07/10/2009 1642		Injection Volume:	1.0 uL
Date Prepared:	07/08/2009 1046		Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		20	U	1.6	20
PCB-1221		20	U	1.6	20
PCB-1232		20	U	1.6	20
PCB-1242		20	U	1.6	20
PCB-1248		20	U	1.6	20
PCB-1254		20	U	1.7	20
PCB-1260		17	J ✓	1.7	20

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	83		24 - 150
DCB Decachlorobiphenyl	149		24 - 150

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1

Sdg Number: 220-9545

Client Sample ID: **WWSB-22**

Date Sampled: 07/08/2009 0930

Lab Sample ID: 220-9545-3

Date Received: 07/09/2009 1600

Client Matrix: Water

### 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 220-29176	Instrument ID: GC9
Preparation:	3510C	Prep Batch: 220-28980	Initial Weight/Volume: 1000 mL
Dilution:	1.0		Final Weight/Volume: 10 mL
Date Analyzed:	07/17/2009 2225		Injection Volume: 1.0 uL
Date Prepared:	07/14/2009 1037		Result Type: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.50	U	0.050	0.50
PCB-1221	0.50	U	0.050	0.50
PCB-1232	0.50	U	0.050	0.50
PCB-1242	0.50	U	0.050	0.50
PCB-1248	0.50	U	0.082	0.50
PCB-1254	0.50	U	0.082	0.50
PCB-1260	0.50	U	0.082	0.50

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	68		22 - 145
DCB Decachlorobiphenyl	37		29 - 135

  
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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1  
Sdg Number: 220-9545

Client Sample ID: WWSB-21

Lab Sample ID: 220-9545-4

Client Matrix: Water

Date Sampled: 07/08/2009 1450

Date Received: 07/09/2009 1600

## 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082  
Preparation: 3510C  
Dilution: 1.0  
Date Analyzed: 07/16/2009 1846  
Date Prepared: 07/14/2009 1037

Analysis Batch: 220-29130  
Prep Batch: 220-28980

Instrument ID: GC9  
Initial Weight/Volume: 1000 mL  
Final Weight/Volume: 10 mL  
Injection Volume: 1.0 uL  
Result Type: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.50	U	0.050	0.50
PCB-1221	0.50	U	0.050	0.50
PCB-1232	0.50	U	0.050	0.50
PCB-1242	0.50	U	0.050	0.50
PCB-1248	0.50	U	0.050	0.50
PCB-1254	0.50	U	0.082	0.50
PCB-1260	0.50	U	0.082	0.50

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	49		22 - 145
DCB Decachlorobiphenyl	29		29 - 135

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1  
Sdg Number: 220-9545

Client Sample ID: **WWSB-XX**

Date Sampled: 07/08/2009 1500  
Date Received: 07/09/2009 1600

Lab Sample ID: 220-9545-5  
Client Matrix: Water

### 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 220-29176	Instrument ID:	GC9
Preparation:	3510C	Prep Batch: 220-28980	Initial Weight/Volume:	1000 mL
Dilution:	1.0		Final Weight/Volume:	10 mL
Date Analyzed:	07/17/2009 2244		Injection Volume:	1.0 uL
Date Prepared:	07/14/2009 1037		Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.50	U	0.050	0.50
PCB-1221	0.50	U	0.050	0.50
PCB-1232	0.50	U	0.050	0.50
PCB-1242	0.50	U	0.050	0.50
PCB-1248	0.50	U	0.082	0.50
PCB-1254	0.50	U	0.082	0.50
PCB-1260	0.50	U	0.082	0.50

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	62		22 - 145
DCB Decachlorobiphenyl	31		29 - 135

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1  
Sdg Number: 220-9545

Client Sample ID: **FB-070809**

Date Sampled: 07/08/2009 1000  
Date Received: 07/09/2009 1600

Lab Sample ID: 220-9545-6

Client Matrix: Water

### 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 220-29130	Instrument ID: GC9
Preparation:	3510C	Prep Batch: 220-28980	Initial Weight/Volume: 860 mL
Dilution:	1.0		Final Weight/Volume: 10 mL
Date Analyzed:	07/16/2009 1924		Injection Volume: 1.0 uL
Date Prepared:	07/14/2009 1037		Result Type: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.58	U	0.058	0.58
PCB-1221	0.58	U	0.058	0.58
PCB-1232	0.58	U	0.058	0.58
PCB-1242	0.58	U	0.058	0.58
PCB-1248	0.58	U	0.058	0.58
PCB-1254	0.58	U	0.095	0.58
PCB-1260	0.58	U	0.095	0.58

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	78		22 - 145
DCB Decachlorobiphenyl	42		29 - 135

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1  
Sdg Number: 220-9545

Client Sample ID: **WWSB-02 (2-5)**

Lab Sample ID: 220-9545-9

Date Sampled: 07/08/2009 1005

Client Matrix: Solid

% Moisture: 16.1

Date Received: 07/09/2009 1600

### 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082	Analysis Batch: 220-29201	Instrument ID: GC9
Preparation: 3550B	Prep Batch: 220-29113	Initial Weight/Volume: 30.07 g
Dilution: 1.0		Final Weight/Volume: 10 mL
Date Analyzed: 07/20/2009 1823		Injection Volume: 1.0 uL
Date Prepared: 07/17/2009 1251		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		20	U	1.6	20
PCB-1221		20	U	1.6	20
PCB-1232		20	U	1.6	20
PCB-1242		20	U	1.6	20
PCB-1248		20	U	1.6	20
PCB-1254		20	U	1.7	20
PCB-1260		6.7	J ✓	1.7	20

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	112		24 - 150
DCB Decachlorobiphenyl	99		24 - 150

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19/27/05



Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1  
Sdg Number: 220-9545

Client Sample ID: WWSB-01 (1-5)

Lab Sample ID: 220-9593-1  
Client Matrix: Solid

% Moisture: 13.7

Date Sampled: 07/10/2009 1000  
Date Received: 07/10/2009 1940

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 220-29176	Instrument ID:	GC9
Preparation:	3550B	Prep Batch: 220-28975	Initial Weight/Volume:	30.18 g
Dilution:	1.0		Final Weight/Volume:	10 mL
Date Analyzed:	07/18/2009 0000		Injection Volume:	1.0 uL
Date Prepared:	07/14/2009 0919		Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		20	U	1.5	20
PCB-1221		20	U	1.5	20
PCB-1232		20	U	1.5	20
PCB-1242		20	U	1.5	20
PCB-1248		20	U	1.7	20
PCB-1254		20	U	1.7	20
PCB-1260		20	U	1.7	20
Surrogate		%Rec	Qualifier	Acceptance Limits	
Tetrachloro-m-xylene		79		24 - 150	
DCB Decachlorobiphenyl		80		24 - 150	

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Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1  
Sdg Number: 220-9545

Client Sample ID: <sup>ml</sup> WWSW-02 (2-5)

Lab Sample ID: 220-9593-3  
Client Matrix: Solid

% Moisture: 14.0

Date Sampled: 07/10/2009 1245  
Date Received: 07/10/2009 1940

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 220-29176	Instrument ID:	GC9
Preparation:	3550B	Prep Batch: 220-28975	Initial Weight/Volume:	30.14 g
Dilution:	1.0		Final Weight/Volume:	10 mL
Date Analyzed:	07/18/2009 0057		Injection Volume:	1.0 uL
Date Prepared:	07/14/2009 0919		Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		20	U	1.5	20
PCB-1221		20	U	1.5	20
PCB-1232		20	U	1.5	20
PCB-1242		20	U	1.5	20
PCB-1248		20	U	1.5	20
PCB-1254		20	U	1.7	20
PCB-1260		20	U	1.7	20

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	31		24 - 150
DCB Decachlorobiphenyl	36		24 - 150

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1  
Sdg Number: 220-9545

Client Sample ID: <sup>mw</sup> WWSW-XX (1-2)

Lab Sample ID: 220-9593-4  
Client Matrix: Solid

% Moisture: 15.2

Date Sampled: 07/10/2009 1300  
Date Received: 07/10/2009 1940

### 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 220-29176	Instrument ID: GC9
Preparation:	3550B	Prep Batch: 220-28975	Initial Weight/Volume: 30.05 g
Dilution:	1.0		Final Weight/Volume: 10 mL
Date Analyzed:	07/18/2009 0116		Injection Volume: 1.0 uL
Date Prepared:	07/14/2009 0923		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		20	U	1.5	20
PCB-1221		20	U	1.5	20
PCB-1232		20	U	1.5	20
PCB-1242		20	U	1.5	20
PCB-1248		20	U	1.5	20
PCB-1254		20	U	1.7	20
PCB-1260		20	U	1.7	20
Surrogate		%Rec	Qualifier	Acceptance Limits	
Tetrachloro-m-xylene		26		24 - 150	
DCB Decachlorobiphenyl		30		24 - 150	

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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9545-1  
Sdg Number: 220-9545

Client Sample ID: **FB-070909**

Lab Sample ID: 220-9593-6FB  
Client Matrix: Water

Date Sampled: 07/09/2009 1300  
Date Received: 07/10/2009 1940

## 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082  
Preparation: 3510C  
Dilution: 1.0  
Date Analyzed: 07/17/2009 2303  
Date Prepared: 07/14/2009 1037

Analysis Batch: 220-29176  
Prep Batch: 220-28980

Instrument ID: GC9  
Initial Weight/Volume: 940 mL  
Final Weight/Volume: 10 mL  
Injection Volume: 1.0 uL  
Result Type: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.53	U	0.053	0.53
PCB-1221	0.53	U	0.053	0.53
PCB-1232	0.53	U	0.053	0.53
PCB-1242	0.53	U	0.053	0.53
PCB-1248	0.53	U	0.053	0.53
PCB-1254	0.53	U	0.087	0.53
PCB-1260	0.53	U	0.087	0.53

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	69		22 - 145
DCB Decachlorobiphenyl	59		29 - 135

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TestAmerica Connecticut

Client Sample ID: WWSB-19 (4-5)

GC Semivolatiles

Lot-Sample #...: A9G130105-001    Work Order #...: LGD511AC    Matrix.....: SO  
Date Sampled...: 07/06/09 12:00    Date Received...: 07/11/09  
Prep Date.....: 07/14/09    Analysis Date...: 07/15/09  
Prep Batch #...: 9195034  
Dilution Factor: 1    Initial Wgt/Vol: 50.15 g    Final Wgt/Vol...: 100 mL  
% Moisture.....: 16    Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
2,4-D	ND	95	ug/kg	43
2,4,5-TP	ND	24	ug/kg	2.6
2,4,5-T	ND	24	ug/kg	3.8
	PERCENT	RECOVERY		
SURROGATE	RECOVERY	LIMITS		
2,4-Dichlorophenylacetic acid	25	(19 - 122)		

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

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TestAmerica Connecticut

Client Sample ID: WWSB-22

GC Semivolatiles

Lot-Sample #...: A9G130105-002    Work Order #...: LGD551AA    Matrix.....: WG  
Date Sampled...: 07/08/09 09:30    Date Received...: 07/11/09  
Prep Date.....: 07/14/09    Analysis Date...: 07/15/09  
Prep Batch #...: 9195033  
Dilution Factor: 1    Initial Wgt/Vol: 500 mL    Final Wgt/Vol...: 100 mL  
Method.....: SW846 8151A

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>	<u>UNITS</u>	<u>MDL</u>
2,4,5-T	ND <i>UJ ✓</i>	1.0	ug/L	0.17
2,4-D	ND	4.0	ug/L	1.5
2,4,5-TP	ND	1.0	ug/L	0.16

<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>
	<u>RECOVERY</u>	<u>LIMITS</u>
2,4-Dichlorophenylacetic acid	82	(32 - 112)

*07/14/09*  
*EMM*  
*07/15/09*

TestAmerica Connecticut

Client Sample ID: WWSB-21

GC Semivolatiles

Lot-Sample #...: A9G130105-003    Work Order #...: LGD561AA    Matrix.....: WG  
Date Sampled...: 07/08/09 14:50    Date Received...: 07/11/09  
Prep Date.....: 07/14/09    Analysis Date...: 07/15/09  
Prep Batch #...: 9195033  
Dilution Factor: 1    Initial Wgt/Vol: 500 mL    Final Wgt/Vol...: 100 mL  
Method.....: SW846 8151A

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
2,4,5-T	ND <i>UJ ✓</i>	1.0	ug/L	0.17
2,4-D	ND	4.0	ug/L	1.5
2,4,5-TP	ND	1.0	ug/L	0.16
<u>SURROGATE</u>		<u>PERCENT</u>	<u>RECOVERY</u>	
2,4-Dichlorophenylacetic acid	73	<u>RECOVERY</u>	<u>LIMITS</u>	
			(32 - 112)	

*UJ 11/14/09*  
*EMM*  
*10/26/09*

TestAmerica Connecticut

Client Sample ID: WWSB-XX

GC Semivolatiles

Lot-Sample #...: A9G130105-004    Work Order #...: LGD571AA    Matrix.....: WG  
Date Sampled...: 07/08/09 15:00    Date Received...: 07/11/09  
Prep Date.....: 07/14/09    Analysis Date...: 07/15/09  
Prep Batch #...: 9195033  
Dilution Factor: 1    Initial Wgt/Vol: 500 mL    Final Wgt/Vol...: 100 mL  
Method.....: SW846 8151A

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
2,4,5-T	ND <i>USV</i>	1.0	ug/L	0.17
2,4-D	ND	4.0	ug/L	1.5
2,4,5-TP	ND	1.0	ug/L	0.16
<u>SURROGATE</u>		<u>PERCENT</u>	<u>RECOVERY</u>	
2,4-Dichlorophenylacetic acid	73	<u>RECOVERY</u>	<u>LIMITS</u>	
			(32 - 112)	

*JS 7/14/09*  
*ETM*  
*10/26/09*



TestAmerica Connecticut

Client Sample ID: FB-070809

GC Semivolatiles

Lot-Sample #...: A9G130105-005    Work Order #...: LGD591AA    Matrix.....: WQ  
Date Sampled...: 07/08/09 10:00    Date Received...: 07/11/09  
Prep Date.....: 07/14/09    Analysis Date...: 07/15/09  
Prep Batch #...: 9195033  
Dilution Factor: 1    Initial Wgt/Vol: 500 mL    Final Wgt/Vol...: 100 mL  
Method.....: SW846 8151A

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
2,4,5-T	ND <i>UJ✓</i>	1.0	ug/L	0.17
2,4-D	ND	4.0	ug/L	1.5
2,4,5-TP	ND	1.0	ug/L	0.16

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
2,4-Dichlorophenylacetic acid	77	(32 - 112)

*07/14/09*  
*EMM*  
*10/26/09*

TestAmerica Connecticut

Client Sample ID: WWSB-02 (2-5)

GC Semivolatiles

Lot-Sample #...: A9G130105-006    Work Order #...: LGD6C1AC    Matrix.....: SO  
Date Sampled...: 07/08/09 10:05    Date Received...: 07/11/09  
Prep Date.....: 07/14/09    Analysis Date...: 07/15/09  
Prep Batch #...: 9195034  
Dilution Factor: 1    Initial Wgt/Vol: 50.07 g    Final Wgt/Vol...: 100 mL  
% Moisture.....: 23    Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-D	ND	100	ug/kg	47
2,4,5-TP	ND	26	ug/kg	2.9
2,4,5-T	ND	26	ug/kg	4.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4-Dichlorophenylacetic acid	82	(19 - 122)

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

Client Sample ID: WWMW-02 (50-53)

Lab Sample ID: 220-9611-1

Date Sampled: 07/13/2009 1230

Client Matrix: Solid

% Moisture: 18.1

Date Received: 07/14/2009 1715

## 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B  
Preparation: 5030B  
Dilution: 1.0  
Date Analyzed: 07/24/2009 1907  
Date Prepared: 07/24/2009 1907

Analysis Batch: 220-29406

Instrument ID: MSO  
Lab File ID: O1998.D  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 5 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	24U	<del>8.1</del>	<del>J-J UJ</del>	2.7 ✓	24
Benzene		6.1	U	0.70	6.1
Bromodichloromethane		6.1	U	0.37	6.1
Bromoform		6.1	U	0.74	6.1
Bromomethane		6.1	U	2.5	6.1
Methyl Ethyl Ketone		12	U ✓ UJ ✓	1.9	12
Carbon disulfide		6.1	U ✓ UJ ✓	0.50	6.1
Carbon tetrachloride		6.1	U	1.2	6.1
Chlorobenzene		6.1	U ✓	0.72	6.1
Chloroethane		6.1	U ✓ UJ ✓	1.2	6.1
Chloroform		6.1	U	0.42	6.1
Chloromethane		6.1	U	0.95	6.1
Dibromochloromethane		6.1	U	0.43	6.1
1,1-Dichloroethane		6.1	U	0.37	6.1
1,2-Dichloroethane		6.1	U	0.71	6.1
1,1-Dichloroethene		6.1	U	0.71	6.1
1,2-Dichloropropane		6.1	U	0.82	6.1
cis-1,3-Dichloropropene		6.1	U	0.68	6.1
trans-1,3-Dichloropropene		6.1	U	0.33	6.1
Ethylbenzene		6.1	U	0.85	6.1
2-Hexanone		12	U ✓	1.5	12
Methylene Chloride	24U	<del>11</del>	<del>J-B</del> ✓	1.3	24
methyl isobutyl ketone		6.1	U	0.67	6.1
Styrene		6.1	U	0.18	6.1
1,1,2,2-Tetrachloroethane		6.1	U	0.64	6.1
Tetrachloroethene		6.1	U	0.99	6.1
Toluene		6.1	U	0.090	6.1
1,1,1-Trichloroethane		6.1	U	0.65	6.1
1,1,2-Trichloroethane		6.1	U	0.45	6.1
Trichloroethene		6.1	U	0.99	6.1
Vinyl chloride		6.1	U	0.28	6.1
Xylenes, Total		6.1	U	0.59	6.1
cis-1,2-Dichloroethene		6.1	U	0.45	6.1
trans-1,2-Dichloroethene		6.1	U	0.48	6.1

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Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	78		59 - 132
4-Bromofluorobenzene	107		34 - 124
Dibromofluoromethane	83		59 - 123
Toluene-d8 (Surr)	90		50 - 118

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

**Client Sample ID: WWSB-09 (11-12)**

Lab Sample ID: 220-9611-2

Date Sampled: 07/13/2009 1425

Client Matrix: Solid

% Moisture: 13.1

Date Received: 07/14/2009 1715

### 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B	Analysis Batch: 220-29428	Instrument ID: MSL
Preparation: 5030B	Prep Batch: 220-29516	Lab File ID: L6279.D
Dilution: 5.0		Initial Weight/Volume: 5 g
Date Analyzed: 07/24/2009 1845		Final Weight/Volume: 10 mL
Date Prepared: 07/24/2009 1200		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		7200	U ✓	1400	7200
Benzene		730	J ✓	380	2900
Bromodichloromethane		2900	U ✓	400	2900
Bromoform		2900	U	460	2900
Bromomethane		2900	U	530	2900
Methyl Ethyl Ketone		2900	U	630	2900
Carbon disulfide		2900	U	380	2900
Carbon tetrachloride		2900	U	440	2900
Chlorobenzene		2900	U	360	2900
Chloroethane		2900	U	460	2900
Chloroform		2900	U	360	2900
Chloromethane		2900	U	370	2900
Dibromochloromethane		2900	U	450	2900
1,1-Dichloroethane		2900	U	410	2900
1,2-Dichloroethane		2900	U	340	2900
1,1-Dichloroethene		2900	U	430	2900
1,2-Dichloropropane		2900	U	300	2900
cis-1,3-Dichloropropene		2900	U	350	2900
trans-1,3-Dichloropropene		2900	U	360	2900
Ethylbenzene		38000		300	2900
2-Hexanone		2900	U	750	2900
Methylene Chloride	2900U	<del>780</del>	J B ✓	470	2900
methyl isobutyl ketone		2900	U	470	2900
Styrene		2900	U	460	2900
1,1,2,2-Tetrachloroethane		2900	U	380	2900
Tetrachloroethene		2900	U	470	2900
Toluene		7600		410	2900
1,1,1-Trichloroethane		2900	U	360	2900
1,1,2-Trichloroethane		2900	U	390	2900
Trichloroethene		2900	U	370	2900
Vinyl chloride		2900	U	390	2900
Xylenes, Total		87000		1200	2900
cis-1,2-Dichloroethene		2900	U	350	2900
trans-1,2-Dichloroethene		2900	U	300	2900

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	67		52 - 119
4-Bromofluorobenzene	68		63 - 128
Dibromofluoromethane	70		53 - 121
Toluene-d8 (Surr)	67		55 - 121

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

**Client Sample ID: WWSB-09 (53-54)**

Lab Sample ID: 220-9611-3  
Client Matrix: Solid

% Moisture: 26.6

Date Sampled: 07/14/2009 1740  
Date Received: 07/14/2009 1715

### 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B	Analysis Batch: 220-29428	Instrument ID: MSL
Preparation: 5030B	Prep Batch: 220-29516	Lab File ID: L6278.D
Dilution: 1.0		Initial Weight/Volume: 5 g
Date Analyzed: 07/24/2009 1822		Final Weight/Volume: 10 mL
Date Prepared: 07/24/2009 1200		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		1700	U ✓	330	1700
Benzene		14000		90	680
Bromodichloromethane		680	U	94	680
Bromoform		680	U	110	680
Bromomethane		680	U	130	680
Methyl Ethyl Ketone		680	U	150	680
Carbon disulfide		680	U	90	680
Carbon tetrachloride		680	U	100	680
Chlorobenzene		680	U	84	680
Chloroethane		680	U	110	680
Chloroform		680	U	84	680
Chloromethane		680	U	87	680
Dibromochloromethane		680	U	110	680
1,1-Dichloroethane		680	U	98	680
1,2-Dichloroethane		680	U	80	680
1,1-Dichloroethene		680	U	100	680
1,2-Dichloropropane		680	U	71	680
cis-1,3-Dichloropropene		680	U	83	680
trans-1,3-Dichloropropene		680	U	84	680
Ethylbenzene		16000		71	680
2-Hexanone		680	U	180	680
Methylene Chloride	680U	<del>250</del>	J BL ✓	110	680
methyl isobutyl ketone		680	U	110	680
Styrene		240	J ✓	110	680
1,1,2,2-Tetrachloroethane		680	U	90	680
Tetrachloroethene		680	U	110	680
Toluene		15000		98	680
1,1,1-Trichloroethane		680	U	84	680
1,1,2-Trichloroethane		680	U	93	680
Trichloroethene		680	U	89	680
Vinyl chloride		680	U	91	680
Xylenes, Total		19000		290	680
cis-1,2-Dichloroethene		680	U	82	680
trans-1,2-Dichloroethene		680	U	72	680

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87		52 - 119
4-Bromofluorobenzene	90		63 - 128
Dibromofluoromethane	93		53 - 121
Toluene-d8 (Surr)	94		55 - 121

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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

Client Sample ID: **WWSB-03 (3-5)**

Lab Sample ID: 220-9611-5

Date Sampled: 07/14/2009 1030

Client Matrix: Solid

% Moisture: 12.6

Date Received: 07/14/2009 1715

## 8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-29296	Instrument ID:	MSO
Preparation:	5030B		Lab File ID:	O1873.D
Dilution:	1.0		Initial Weight/Volume:	5 g
Date Analyzed:	07/20/2009 2206		Final Weight/Volume:	5 mL
Date Prepared:	07/20/2009 2206			

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	230	<del>16</del>	<del>J*B</del> ✓	2.6	23
Benzene		11	U	0.65	5.7
Bromodichloromethane		5.7	U	0.34	5.7
Bromoform		5.7	U	0.70	5.7
Bromomethane		5.7	U	2.4	5.7
Methyl Ethyl Ketone		11	U	1.8	11
Carbon disulfide		5.7	U	0.47	5.7
Carbon tetrachloride		5.7	U	1.1	5.7
Chlorobenzene		5.7	U	0.67	5.7
Chloroethane		5.7	U ✓	1.1	5.7
Chloroform		5.7	U	0.39	5.7
Chloromethane		5.7	U	0.89	5.7
Dibromochloromethane		5.7	U	0.40	5.7
1,1-Dichloroethane		5.7	U	0.34	5.7
1,2-Dichloroethane		5.7	U	0.66	5.7
1,1-Dichloroethene		5.7	U	0.66	5.7
1,2-Dichloropropane		5.7	U	0.77	5.7
cis-1,3-Dichloropropene		5.7	U	0.64	5.7
trans-1,3-Dichloropropene		5.7	U	0.31	5.7
Ethylbenzene		5.7	U	0.80	5.7
2-Hexanone		11	U	1.4	11
Methylene Chloride	230	<del>15</del>	<del>J B</del> ✓	1.2	23
methyl isobutyl ketone		5.7	U	0.63	5.7
Styrene		5.7	U	0.17	5.7
1,1,2,2-Tetrachloroethane		5.7	U	0.59	5.7
Tetrachloroethene		5.7	U	0.93	5.7
Toluene		0.34	J ✓	0.085	5.7
1,1,1-Trichloroethane		5.7	U	0.61	5.7
1,1,2-Trichloroethane		5.7	U	0.42	5.7
Trichloroethene		5.7	U	0.93	5.7
Vinyl chloride		5.7	U	0.26	5.7
Xylenes, Total		5.7	U	0.56	5.7
cis-1,2-Dichloroethene		5.7	U	0.42	5.7
trans-1,2-Dichloroethene		5.7	U	0.45	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84		59 - 132
4-Bromofluorobenzene	74		34 - 124
Dibromofluoromethane	73		59 - 123
Toluene-d8 (Surr)	82		50 - 118

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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

Client Sample ID: WWSB-XX (2-5)

Lab Sample ID: 220-9611-6

Date Sampled: 07/14/2009 1045

Client Matrix: Solid

% Moisture: 9.9

Date Received: 07/14/2009 1715

## 8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-29296	Instrument ID:	MSO
Preparation:	5030B		Lab File ID:	O1874.D
Dilution:	1.0		Initial Weight/Volume:	5 g
Date Analyzed:	07/20/2009 2230		Final Weight/Volume:	5 mL
Date Prepared:	07/20/2009 2230			

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	220	<del>7.7</del>	<del>J*B</del> UJ ✓	2.5	22
Benzene		7.6	U	0.63	5.5
Bromodichloromethane		5.5	U	0.33	5.5
Bromoform		5.5	U	0.68	5.5
Bromomethane		5.5	U	2.3	5.5
Methyl Ethyl Ketone		11	U	1.8	11
Carbon disulfide		5.5	U	0.45	5.5
Carbon tetrachloride		5.5	U	1.1	5.5
Chlorobenzene		5.5	U	0.65	5.5
Chloroethane		5.5	U UJ ✓	1.1	5.5
Chloroform		5.5	U	0.38	5.5
Chloromethane		5.5	U	0.87	5.5
Dibromochloromethane		5.5	U	0.39	5.5
1,1-Dichloroethane		5.5	U	0.33	5.5
1,2-Dichloroethane		5.5	U	0.64	5.5
1,1-Dichloroethene		5.5	U	0.64	5.5
1,2-Dichloropropane		5.5	U	0.74	5.5
cis-1,3-Dichloropropene		5.5	U	0.62	5.5
trans-1,3-Dichloropropene		5.5	U	0.30	5.5
Ethylbenzene		5.5	U	0.78	5.5
2-Hexanone		11	U	1.3	11
Methylene Chloride	220	<del>16</del>	<del>J*B</del> ✓	1.2	22
methyl isobutyl ketone		5.5	U	0.61	5.5
Styrene		5.5	U	0.17	5.5
1,1,2,2-Tetrachloroethane		5.5	U	0.58	5.5
Tetrachloroethene		5.5	U	0.90	5.5
Toluene		0.50	J UJ ✓	0.082	5.5
1,1,1-Trichloroethane		5.5	U	0.59	5.5
1,1,2-Trichloroethane		5.5	U	0.41	5.5
Trichloroethene		5.5	U	0.90	5.5
Vinyl chloride		5.5	U	0.26	5.5
Xylenes, Total		5.5	U	0.54	5.5
cis-1,2-Dichloroethene		5.5	U	0.41	5.5
trans-1,2-Dichloroethene		5.5	U	0.43	5.5

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	66		59 - 132
4-Bromofluorobenzene	58		34 - 124
Dibromofluoromethane	65		59 - 123
Toluene-d8 (Surr)	63		50 - 118

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

**Client Sample ID:** WWTB-071409

Lab Sample ID: 220-9611-7TB

Date Sampled: 07/14/2009 1100

Client Matrix: Water

Date Received: 07/14/2009 1715

### 8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-29349	Instrument ID: MSN
Preparation:	5030B		Lab File ID: N3991.D
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	07/22/2009 1358		Final Weight/Volume: 5 mL
Date Prepared:	07/22/2009 1358		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U ✓	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	1.2	U ✓	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		65 - 136
4-Bromofluorobenzene	104		51 - 142
Dibromofluoromethane	98		68 - 132
Toluene-d8 (Surr)	100		63 - 127

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

Client Sample ID: **WWSB-03**

Lab Sample ID: 220-9611-8

Date Sampled: 07/14/2009 1430

Client Matrix: Water

Date Received: 07/16/2009 1800

### 8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-29349	Instrument ID: MSN
Preparation:	5030B		Lab File ID: N3999.D
Dilution:	40		Initial Weight/Volume: 5 mL
Date Analyzed:	07/22/2009 1739		Final Weight/Volume: 5 mL
Date Prepared:	07/22/2009 1739		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	400	U ✓	41	400
Benzene	3700		30	200
Bromodichloromethane	200	U	19	200
Bromoform	200	U	18	200
Bromomethane	200	U	85	200
Methyl Ethyl Ketone	400	U	44	400
Carbon disulfide	200	U	36	200
Carbon tetrachloride	200	U	43	200
Chlorobenzene	200	U	29	200
Chloroethane	200	U	42	200
Chloroform	200	U	27	200
Chloromethane	200	U	44	200
Dibromochloromethane	200	U	22	200
1,1-Dichloroethane	200	U	41	200
1,2-Dichloroethane	200	U	29	200
1,1-Dichloroethene	200	U	33	200
1,2-Dichloropropane	200	U	28	200
cis-1,3-Dichloropropene	200	U	11	200
trans-1,3-Dichloropropene	200	U	23	200
Ethylbenzene	3000		35	200
2-Hexanone	400	U	44	400
Methylene Chloride	<del>32</del> 2000	<del>J B</del> ✓	31	200
methyl isobutyl ketone	400	U	15	400
Styrene	200	U	26	200
1,1,2,2-Tetrachloroethane	200	U	32	200
Tetrachloroethene	200	U	32	200
Toluene	110	J ✓	29	200
1,1,1-Trichloroethane	200	U	28	200
1,1,2-Trichloroethane	200	U	26	200
Trichloroethene	200	U	25	200
Vinyl chloride	200	U	40	200
Xylenes, Total	1800		91	200
cis-1,2-Dichloroethene	200	U	40	200
trans-1,2-Dichloroethene	200	U	30	200

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		65 - 136
4-Bromofluorobenzene	99		51 - 142
Dibromofluoromethane	96		68 - 132
Toluene-d8 (Surr)	103		63 - 127

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**Analytical Data**

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

**Client Sample ID: WWSB-03 (20-22)**

Lab Sample ID: 220-9611-9

Date Sampled: 07/14/2009 1130

Client Matrix: Solid

% Moisture: 28.5

Date Received: 07/16/2009 1800

**8260B Volatile Organic Compounds (GC/MS)**

Method: 8260B  
Preparation: 5030B  
Dilution: 200  
Date Analyzed: 07/24/2009 1908  
Date Prepared: 07/24/2009 1200

Analysis Batch: 220-29428  
Prep Batch: 220-29516

Instrument ID: MSL  
Lab File ID: L6280.D  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		350000	U ✓	67000	350000
Benzene		270000		18000	140000
Bromodichloromethane		140000	U	19000	140000
Bromoform		140000	U	22000	140000
Bromomethane		140000	U	26000	140000
Methyl Ethyl Ketone		140000	U	31000	140000
Carbon disulfide		140000	U	18000	140000
Carbon tetrachloride		140000	U	22000	140000
Chlorobenzene		140000	U	17000	140000
Chloroethane		140000	U	22000	140000
Chloroform		140000	U	17000	140000
Chloromethane		140000	U	18000	140000
Dibromochloromethane		140000	U	22000	140000
1,1-Dichloroethane		140000	U	20000	140000
1,2-Dichloroethane		140000	U	17000	140000
1,1-Dichloroethene		140000	U	21000	140000
1,2-Dichloropropane		140000	U	15000	140000
cis-1,3-Dichloropropene		140000	U	17000	140000
trans-1,3-Dichloropropene		140000	U	17000	140000
Ethylbenzene		3000000		15000	140000
2-Hexanone		140000	U	36000	140000
Methylene Chloride		<del>46000</del> 140000	J-B ✓	23000	140000
methyl isobutyl ketone		140000	U	23000	140000
Styrene		140000	U	22000	140000
1,1,2,2-Tetrachloroethane		140000	U	18000	140000
Tetrachloroethene		140000	U	23000	140000
Toluene		230000		20000	140000
1,1,1-Trichloroethane		140000	U	17000	140000
1,1,2-Trichloroethane		140000	U	19000	140000
Trichloroethene		140000	U	18000	140000
Vinyl chloride		140000	U	19000	140000
Xylenes, Total		2800000		59000	140000
cis-1,2-Dichloroethene		140000	U	17000	140000
trans-1,2-Dichloroethene		140000	U	15000	140000

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		52 - 119
4-Bromofluorobenzene	96		63 - 128
Dibromofluoromethane	110		53 - 121
Toluene-d8 (Surr)	99		55 - 121

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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

Client Sample ID: WWSB-11 (50-51)

Lab Sample ID: 220-9611-10

Date Sampled: 07/14/2009 1556

Client Matrix: Solid

% Moisture: 21.2

Date Received: 07/16/2009 1800

## 8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-29295	Instrument ID:	MSO
Preparation:	5030B		Lab File ID:	O1920.D
Dilution:	5.0		Initial Weight/Volume:	5 g
Date Analyzed:	07/22/2009 0430		Final Weight/Volume:	5 mL
Date Prepared:	07/22/2009 0430			

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	130U	<del>53</del>	<del>JB</del> UJ	14 ✓	130
Benzene		250		3.6	32
Bromodichloromethane		32	U	1.9	32
Bromoform		32	U	3.9	32
Bromomethane		32	U	13	32
Methyl Ethyl Ketone		63	U	10	63
Carbon disulfide		32	U	2.6	32
Carbon tetrachloride		32	U	6.0	32
Chlorobenzene		32	U	3.7	32
Chloroethane		32	U	6.2	32
Chloroform		32	U	2.2	32
Chloromethane		32	U	5.0	32
Dibromochloromethane		32	U	2.2	32
1,1-Dichloroethane		32	U	1.9	32
1,2-Dichloroethane		32	U	3.7	32
1,1-Dichloroethene		32	U	3.7	32
1,2-Dichloropropane		32	U	4.3	32
cis-1,3-Dichloropropene		32	U	3.6	32
trans-1,3-Dichloropropene		32	U	1.7	32
Ethylbenzene		28	J J	4.4	32
2-Hexanone		63	U	7.6	63
Methylene Chloride	130U	<del>43</del>	<del>JB</del> ✓	6.9	130
methyl isobutyl ketone		32	U	3.5	32
Styrene	32U	<del>1.0</del>	<del>JB</del> ✓	0.95	32
1,1,2,2-Tetrachloroethane		32	U	3.3	32
Tetrachloroethene		32	U	5.1	32
Toluene	32U	<del>2.0</del>	<del>JB</del> ✓	0.47	32
1,1,1-Trichloroethane		32	U	3.4	32
1,1,2-Trichloroethane		32	U	2.3	32
Trichloroethene		32	U	5.1	32
Vinyl chloride		32	U	1.5	32
Xylenes, Total		27	J J ✓	3.1	32
cis-1,2-Dichloroethene		32	U	2.3	32
trans-1,2-Dichloroethene		32	U	2.5	32

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	80		59 - 132
4-Bromofluorobenzene	84		34 - 124
Dibromofluoromethane	80		59 - 123
Toluene-d8 (Surr)	81		50 - 118

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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

Client Sample ID: WWSB-11 (63-64)

Lab Sample ID: 220-9611-11

Date Sampled: 07/14/2009 1615

Client Matrix: Solid

% Moisture: 18.1

Date Received: 07/16/2009 1800

## 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 220-29296 Instrument ID: MSO  
Preparation: 5030B Lab File ID: O1876.D  
Dilution: 1.0 Initial Weight/Volume: 5 g  
Date Analyzed: 07/20/2009 2320 Final Weight/Volume: 5 mL  
Date Prepared: 07/20/2009 2320

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	240	<del>22</del>	<del>J*B</del> UJ ✓	2.7	24
Benzene		2.9	J J	0.70	6.1
Bromodichloromethane		6.1	U	0.37	6.1
Bromoform		6.1	U	0.75	6.1
Bromomethane		6.1	U	2.5	6.1
Methyl Ethyl Ketone		12	U	1.9	12
Carbon disulfide		6.1	U	0.50	6.1
Carbon tetrachloride		6.1	U	1.2	6.1
Chlorobenzene		6.1	U	0.72	6.1
Chloroethane		6.1	U UJ ✓	1.2	6.1
Chloroform		6.1	U	0.42	6.1
Chloromethane		6.1	U	0.95	6.1
Dibromochloromethane		6.1	U	0.43	6.1
1,1-Dichloroethane		6.1	U	0.37	6.1
1,2-Dichloroethane		6.1	U	0.71	6.1
1,1-Dichloroethene		6.1	U	0.71	6.1
1,2-Dichloropropane		6.1	U	0.82	6.1
cis-1,3-Dichloropropene		6.1	U	0.68	6.1
trans-1,3-Dichloropropene		6.1	U	0.33	6.1
Ethylbenzene		6.1	U	0.85	6.1
2-Hexanone		12	U	1.5	12
Methylene Chloride	240	<del>12</del>	<del>J*B</del> ✓	1.3	24
methyl isobutyl ketone		6.1	U	0.67	6.1
Styrene		6.1	U	0.18	6.1
1,1,2,2-Tetrachloroethane		6.1	U	0.64	6.1
Tetrachloroethene		6.1	U	0.99	6.1
Toluene		6.1	U	0.090	6.1
1,1,1-Trichloroethane		6.1	U	0.65	6.1
1,1,2-Trichloroethane		6.1	U	0.45	6.1
Trichloroethene		6.1	U	0.99	6.1
Vinyl chloride		6.1	U	0.28	6.1
Xylenes, Total		6.1	U	0.59	6.1
cis-1,2-Dichloroethene		6.1	U	0.45	6.1
trans-1,2-Dichloroethene		6.1	U	0.48	6.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86		59 - 132
4-Bromofluorobenzene	93		34 - 124
Dibromofluoromethane	79		59 - 123
Toluene-d8 (Surr)	80		50 - 118

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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

Client Sample ID: WWSB-05 (3-5)

Lab Sample ID: 220-9611-12  
Client Matrix: Solid

% Moisture: 18.3

Date Sampled: 07/14/2009 1410  
Date Received: 07/16/2009 1800

## 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B      Analysis Batch: 220-29295      Instrument ID: MSO  
Preparation: 5030B      Lab File ID: O1908.D  
Dilution: 1.0      Initial Weight/Volume: 5 g  
Date Analyzed: 07/21/2009 2332      Final Weight/Volume: 5 mL  
Date Prepared: 07/21/2009 2332

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	24U	<del>12</del>	JB*	2.7	24
Benzene		6.1	J J ✓	0.70	6.1
Bromodichloromethane		6.1	U	0.37	6.1
Bromoform		6.1	U	0.75	6.1
Bromomethane		6.1	U	2.5	6.1
Methyl Ethyl Ketone		12	U	1.9	12
Carbon disulfide		6.1	U	0.50	6.1
Carbon tetrachloride		6.1	U	1.2	6.1
Chlorobenzene		6.1	U	0.72	6.1
Chloroethane		6.1	U	1.2	6.1
Chloroform		6.1	U	0.42	6.1
Chloromethane		6.1	U	0.95	6.1
Dibromochloromethane		6.1	U	0.43	6.1
1,1-Dichloroethane		6.1	U	0.37	6.1
1,2-Dichloroethane		6.1	U	0.71	6.1
1,1-Dichloroethene		6.1	U	0.71	6.1
1,2-Dichloropropane		6.1	U	0.82	6.1
cis-1,3-Dichloropropene		6.1	U	0.69	6.1
trans-1,3-Dichloropropene		6.1	U	0.33	6.1
Ethylbenzene		1.2	J J ✓	0.86	6.1
2-Hexanone		12	U	1.5	12
Methylene Chloride	24U	<del>12</del>	JB ✓	1.3	24
methyl isobutyl ketone		6.1	U	0.67	6.1
Styrene	6.1U	<del>0.52</del>	JB ✓	0.18	6.1
1,1,2,2-Tetrachloroethane		6.1	U	0.64	6.1
Tetrachloroethene		6.1	U	0.99	6.1
Toluene	6.1U	<del>4.0</del>	JB ✓	0.091	6.1
1,1,1-Trichloroethane		6.1	U	0.65	6.1
1,1,2-Trichloroethane		6.1	U	0.45	6.1
Trichloroethene		47	U	0.99	6.1
Vinyl chloride		6.1	U	0.28	6.1
Xylenes, Total		2.0	J J ✓	0.59	6.1
cis-1,2-Dichloroethene		1.9	J J ✓	0.45	6.1
trans-1,2-Dichloroethene		6.1	U	0.48	6.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	79		59 - 132
4-Bromofluorobenzene	69		34 - 124
Dibromofluoromethane	67		59 - 123
Toluene-d8 (Surr)	71		50 - 118

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

**Client Sample ID: WWSB-05 (20-24)**

Lab Sample ID: 220-9611-13

Date Sampled: 07/14/2009 1545

Client Matrix: Solid

% Moisture: 28.5

Date Received: 07/16/2009 1800

### 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B	Analysis Batch: 220-29428	Instrument ID: MSL
Preparation: 5030B	Prep Batch: 220-29516	Lab File ID: L6281.D
Dilution: 200		Initial Weight/Volume: 5 g
Date Analyzed: 07/24/2009 1932		Final Weight/Volume: 10 mL
Date Prepared: 07/24/2009 1200		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		350000	U ✓	67000	350000
Benzene		3000000		18000	140000
Bromodichloromethane		140000	U	19000	140000
Bromoform		140000	U	22000	140000
Bromomethane		140000	U	26000	140000
Methyl Ethyl Ketone		140000	U	31000	140000
Carbon disulfide		140000	U	18000	140000
Carbon tetrachloride		140000	U	22000	140000
Chlorobenzene		140000	U	17000	140000
Chloroethane		140000	U	22000	140000
Chloroform		140000	U	17000	140000
Chloromethane		140000	U	18000	140000
Dibromochloromethane		140000	U	22000	140000
1,1-Dichloroethane		140000	U	20000	140000
1,2-Dichloroethane		140000	U	17000	140000
1,1-Dichloroethene		140000	U	21000	140000
1,2-Dichloropropane		140000	U	15000	140000
cis-1,3-Dichloropropene		140000	U	17000	140000
trans-1,3-Dichloropropene		140000	U	17000	140000
Ethylbenzene		2800000		15000	140000
2-Hexanone		140000	U	36000	140000
Methylene Chloride		<del>42000</del> 140000	J-B ✓	23000	140000
methyl isobutyl ketone		140000	U	23000	140000
Styrene		1100000		22000	140000
1,1,2,2-Tetrachloroethane		140000	U	18000	140000
Tetrachloroethene		140000	U	23000	140000
Toluene		4300000		20000	140000
1,1,1-Trichloroethane		140000	U	17000	140000
1,1,2-Trichloroethane		140000	U	19000	140000
Trichloroethene		140000	U	18000	140000
Vinyl chloride		140000	U	19000	140000
Xylenes, Total		4300000		59000	140000
cis-1,2-Dichloroethene		140000	U	17000	140000
trans-1,2-Dichloroethene		140000	U	15000	140000

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		52 - 119
4-Bromofluorobenzene	97		63 - 128
Dibromofluoromethane	105		53 - 121
Toluene-d8 (Surr)	95		55 - 121

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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

Client Sample ID: WWSB-05

Lab Sample ID: 220-9611-14  
Client Matrix: Water

Date Sampled: 07/15/2009 0915  
Date Received: 07/16/2009 1800

## 8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-29349	Instrument ID:	MSN
Preparation:	5030B		Lab File ID:	N4000.D
Dilution:	25		Initial Weight/Volume:	5 mL
Date Analyzed:	07/22/2009 1807		Final Weight/Volume:	5 mL
Date Prepared:	07/22/2009 1807			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	250	U ✓	26	250
Benzene	3000		18	120
Bromodichloromethane	120	U	12	120
Bromoform	120	U	12	120
Bromomethane	120	U	53	120
Methyl Ethyl Ketone	250	U	27	250
Carbon disulfide	120	U	22	120
Carbon tetrachloride	120	U	27	120
Chlorobenzene	120	U	18	120
Chloroethane	120	U	26	120
Chloroform	120	U	17	120
Chloromethane	120	U	27	120
Dibromochloromethane	120	U	14	120
1,1-Dichloroethane	120	U	26	120
1,2-Dichloroethane	120	U	18	120
1,1-Dichloroethene	120	U	21	120
1,2-Dichloropropane	120	U	18	120
cis-1,3-Dichloropropene	120	U	7.0	120
trans-1,3-Dichloropropene	120	U	14	120
Ethylbenzene	1300		22	120
2-Hexanone	250	U	27	250
Methylene Chloride	<del>21</del>	<del>J.B.</del>	20	120
methyl isobutyl ketone	250	U	9.5	250
Styrene	120	U	16	120
1,1,2,2-Tetrachloroethane	120	U	20	120
Tetrachloroethene	120	U	20	120
Toluene	1600		18	120
1,1,1-Trichloroethane	120	U	17	120
1,1,2-Trichloroethane	120	U	16	120
Trichloroethene	120	U	16	120
Vinyl chloride	120	U	25	120
Xylenes, Total	1600		57	120
cis-1,2-Dichloroethene	120	U	25	120
trans-1,2-Dichloroethene	120	U	19	120

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		65 - 136
4-Bromofluorobenzene	95		51 - 142
Dibromofluoromethane	93		68 - 132
Toluene-d8 (Surr)	97		63 - 127

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

Client Sample ID: **WWSB-07 (3-5)**

Lab Sample ID: 220-9611-15

Date Sampled: 07/15/2009 0930

Client Matrix: Solid

% Moisture: 8.2

Date Received: 07/16/2009 1800

### 8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-29296	Instrument ID: MSO
Preparation:	5030B		Lab File ID: O1878.D
Dilution:	1.0		Initial Weight/Volume: 5 g
Date Analyzed:	07/21/2009 0010		Final Weight/Volume: 5 mL
Date Prepared:	07/21/2009 0010		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	220	42	J*B	2.4	22
Benzene		21		0.62	5.4
Bromodichloromethane		5.4	U	0.33	5.4
Bromoform		5.4	U	0.66	5.4
Bromomethane		5.4	U	2.3	5.4
Methyl Ethyl Ketone		11	U	1.7	11
Carbon disulfide		5.4	U	0.45	5.4
Carbon tetrachloride		5.4	U	1.0	5.4
Chlorobenzene		5.4	U	0.64	5.4
Chloroethane		5.4	U	1.1	5.4
Chloroform		5.4	U	0.37	5.4
Chloromethane		5.4	U	0.85	5.4
Dibromochloromethane		5.4	U	0.38	5.4
1,1-Dichloroethane		5.4	U	0.33	5.4
1,2-Dichloroethane		5.4	U	0.63	5.4
1,1-Dichloroethene		5.4	U	0.63	5.4
1,2-Dichloropropane		5.4	U	0.73	5.4
cis-1,3-Dichloropropene		5.4	U	0.61	5.4
trans-1,3-Dichloropropene		5.4	U	0.29	5.4
Ethylbenzene		2.8	J	0.76	5.4
2-Hexanone		11	U	1.3	11
Methylene Chloride	220	9.0	J*B	1.2	22
methyl isobutyl ketone		5.4	U	0.60	5.4
Styrene		5.4	U	0.16	5.4
1,1,2,2-Tetrachloroethane		5.4	U	0.57	5.4
Tetrachloroethene		5.4	U	0.88	5.4
Toluene		0.31	J	0.081	5.4
1,1,1-Trichloroethane		5.4	U	0.58	5.4
1,1,2-Trichloroethane		5.4	U	0.40	5.4
Trichloroethene		5.4	U	0.88	5.4
Vinyl chloride		5.4	U	0.25	5.4
Xylenes, Total		1.5	J	0.53	5.4
cis-1,2-Dichloroethene		5.4	U	0.40	5.4
trans-1,2-Dichloroethene		5.4	U	0.42	5.4

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90		59 - 132
4-Bromofluorobenzene	76		34 - 124
Dibromofluoromethane	82		59 - 123
Toluene-d8 (Surr)	69		50 - 118

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

**Client Sample ID: WWSB-07**

Lab Sample ID: 220-9611-16

Date Sampled: 07/15/2009 1406

Client Matrix: Water

Date Received: 07/16/2009 1800

### 8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-29349	Instrument ID: MSN
Preparation:	5030B		Lab File ID: N4010.D
Dilution:	100		Initial Weight/Volume: 5 mL
Date Analyzed:	07/22/2009 2212		Final Weight/Volume: 5 mL
Date Prepared:	07/22/2009 2212		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1000	U ✓	100	1000
Benzene	19000		74	500
Bromodichloromethane	500	U	48	500
Bromoform	500	U	46	500
Bromomethane	500	U	210	500
Methyl Ethyl Ketone	1000	U	110	1000
Carbon disulfide	500	U	90	500
Carbon tetrachloride	500	U	110	500
Chlorobenzene	500	U	72	500
Chloroethane	500	U	110	500
Chloroform	500	U	67	500
Chloromethane	500	U	110	500
Dibromochloromethane	500	U	55	500
1,1-Dichloroethane	500	U	100	500
1,2-Dichloroethane	500	U	72	500
1,1-Dichloroethene	500	U	83	500
1,2-Dichloropropane	500	U	71	500
cis-1,3-Dichloropropene	500	U	28	500
trans-1,3-Dichloropropene	500	U	57	500
Ethylbenzene	2300		87	500
2-Hexanone	1000	U	110	1000
Methylene Chloride	120	U ✓	78	500
methyl isobutyl ketone	1000	U	38	1000
Styrene	240	J ✓	64	500
1,1,2,2-Tetrachloroethane	500	U	81	500
Tetrachloroethene	500	U	81	500
Toluene	3300		72	500
1,1,1-Trichloroethane	500	U	69	500
1,1,2-Trichloroethane	500	U	65	500
Trichloroethene	500	U	62	500
Vinyl chloride	500	U	99	500
Xylenes, Total	2400		230	500
cis-1,2-Dichloroethene	500	U	99	500
trans-1,2-Dichloroethene	500	U	76	500

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		65 - 136
4-Bromofluorobenzene	89		51 - 142
Dibromofluoromethane	89		68 - 132
Toluene-d8 (Surr)	84		63 - 127

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

**Client Sample ID: WWSB-10 (49-50)**

Lab Sample ID: 220-9611-17  
Client Matrix: Solid

% Moisture: 16.3

Date Sampled: 07/15/2009 1040  
Date Received: 07/16/2009 1800

### 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B	Analysis Batch: 220-29428	Instrument ID: MSL
Preparation: 5030B	Prep Batch: 220-29516	Lab File ID: L6282.D
Dilution: 10		Initial Weight/Volume: 5 g
Date Analyzed: 07/24/2009 1955		Final Weight/Volume: 10 mL
Date Prepared: 07/24/2009 1200		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		15000	U ✓	2900	15000
Benzene		87000		790	6000
Bromodichloromethane		6000	U	820	6000
Bromoform		6000	U	960	6000
Bromomethane		6000	U	1100	6000
Methyl Ethyl Ketone		6000	U	1300	6000
Carbon disulfide		6000	U	790	6000
Carbon tetrachloride		6000	U	920	6000
Chlorobenzene		6000	U	740	6000
Chloroethane		6000	U	960	6000
Chloroform		6000	U	740	6000
Chloromethane		6000	U	760	6000
Dibromochloromethane		6000	U	930	6000
1,1-Dichloroethane		6000	U	860	6000
1,2-Dichloroethane		6000	U	710	6000
1,1-Dichloroethene		6000	U	900	6000
1,2-Dichloropropane		6000	U	620	6000
cis-1,3-Dichloropropene		6000	U	730	6000
trans-1,3-Dichloropropene		6000	U	740	6000
Ethylbenzene		43000		620	6000
2-Hexanone		6000	U	1600	6000
Methylene Chloride	6000J	1600	J B ✓	970	6000
methyl isobutyl ketone		6000	U	980	6000
Styrene		150000		960	6000
1,1,2,2-Tetrachloroethane		6000	U	790	6000
Tetrachloroethene		6000	U	980	6000
Toluene		180000		860	6000
1,1,1-Trichloroethane		6000	U	740	6000
1,1,2-Trichloroethane		6000	U	810	6000
Trichloroethene		6000	U	780	6000
Vinyl chloride		6000	U	800	6000
Xylenes, Total		220000		2500	6000
cis-1,2-Dichloroethene		6000	U	720	6000
trans-1,2-Dichloroethene		6000	U	630	6000

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		52 - 119
4-Bromofluorobenzene	93		63 - 128
Dibromofluoromethane	102		53 - 121
Toluene-d8 (Surr)	99		55 - 121

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

**Client Sample ID: WWSB-10 (51-52)**

Lab Sample ID: 220-9611-18

Date Sampled: 07/15/2009 1040

Client Matrix: Solid

% Moisture: 19.0

Date Received: 07/16/2009 1800

### 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B	Analysis Batch: 220-29613	Instrument ID: MSL
Preparation: 5030B	Prep Batch: 220-29516	Lab File ID: L6320.D
Dilution: 1.0		Initial Weight/Volume: 5 g
Date Analyzed: 07/28/2009 1830		Final Weight/Volume: 10 mL
Date Prepared: 07/24/2009 1200		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		1500	U	300	1500
Benzene		2800		81	620
Bromodichloromethane		620	U	85	620
Bromoform		620	U	99	620
Bromomethane		620	U <i>UJL</i>	110	620
Methyl Ethyl Ketone		620	U	140	620
Carbon disulfide		620	U	81	620
Carbon tetrachloride		620	U	95	620
Chlorobenzene		620	U	77	620
Chloroethane		620	U	99	620
Chloroform		620	U	77	620
Chloromethane		620	U	79	620
Dibromochloromethane		620	U	96	620
1,1-Dichloroethane		620	U	89	620
1,2-Dichloroethane		620	U	73	620
1,1-Dichloroethene		620	U	93	620
1,2-Dichloropropane		620	U	64	620
cis-1,3-Dichloropropene		620	U	75	620
trans-1,3-Dichloropropene		620	U	77	620
Ethylbenzene		1500		64	620
2-Hexanone		620	U	160	620
Methylene Chloride	<i>620U</i>	<del>140</del>	<del>U</del> <i>J B</i>	100	620
methyl isobutyl ketone		620	U	100	620
Styrene		620	U	99	620
1,1,2,2-Tetrachloroethane		620	U	81	620
Tetrachloroethene		620	U	100	620
Toluene		1200		89	620
1,1,1-Trichloroethane		620	U	77	620
1,1,2-Trichloroethane		620	U	84	620
Trichloroethene		620	U	80	620
Vinyl chloride		620	U	83	620
Xylenes, Total		1600		260	620
cis-1,2-Dichloroethene		620	U	74	620
trans-1,2-Dichloroethene		620	U	65	620

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	66		52 - 119
4-Bromofluorobenzene	63		63 - 128
Dibromofluoromethane	67		53 - 121
Toluene-d8 (Surr)	68		55 - 121

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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

Client Sample ID: WWSB-24 (53-55)

Lab Sample ID: 220-9611-19  
Client Matrix: Solid

% Moisture: 18.1

Date Sampled: 07/16/2009 1330  
Date Received: 07/16/2009 1800

## 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 220-29296 Instrument ID: MSO  
Preparation: 5030B Lab File ID: O1880.D  
Dilution: 1.0 Initial Weight/Volume: 5 g  
Date Analyzed: 07/21/2009 0100 Final Weight/Volume: 5 mL  
Date Prepared: 07/21/2009 0100

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	240	<del>44</del>	<del>J*B</del> UJ ✓	2.7	24
Benzene		63	U	0.70	6.1
Bromodichloromethane		6.1	U	0.37	6.1
Bromoform		6.1	U	0.75	6.1
Bromomethane		6.1	U	2.5	6.1
Methyl Ethyl Ketone		12	U	1.9	12
Carbon disulfide		6.1	U	0.50	6.1
Carbon tetrachloride		6.1	U	1.2	6.1
Chlorobenzene		6.1	U	0.72	6.1
Chloroethane		6.1	U UJ ✓	1.2	6.1
Chloroform		6.1	U	0.42	6.1
Chloromethane		6.1	U	0.95	6.1
Dibromochloromethane		6.1	U	0.43	6.1
1,1-Dichloroethane		6.1	U	0.37	6.1
1,2-Dichloroethane		6.1	U	0.71	6.1
1,1-Dichloroethene		6.1	U	0.71	6.1
1,2-Dichloropropane		6.1	U	0.82	6.1
cis-1,3-Dichloropropene		6.1	U	0.68	6.1
trans-1,3-Dichloropropene		6.1	U	0.33	6.1
Ethylbenzene		14	U	0.85	6.1
2-Hexanone		12	U	1.5	12
Methylene Chloride	240	<del>11</del>	<del>J*B</del> ✓	1.3	24
methyl isobutyl ketone		6.1	U	0.67	6.1
Styrene		0.19	J J ✓	0.18	6.1
1,1,2,2-Tetrachloroethane		6.1	U	0.64	6.1
Tetrachloroethene		6.1	U	0.99	6.1
Toluene		3.3	J J ✓	0.090	6.1
1,1,1-Trichloroethane		6.1	U	0.65	6.1
1,1,2-Trichloroethane		6.1	U	0.45	6.1
Trichloroethene		6.1	U	0.99	6.1
Vinyl chloride		6.1	U	0.28	6.1
Xylenes, Total		14	U	0.59	6.1
cis-1,2-Dichloroethene		6.1	U	0.45	6.1
trans-1,2-Dichloroethene		6.1	U	0.48	6.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	65		59 - 132
4-Bromofluorobenzene	63		34 - 124
Dibromofluoromethane	62		59 - 123
Toluene-d8 (Surr)	65		50 - 118

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

**Client Sample ID: TB-071609**

Lab Sample ID: 220-9611-21TB  
Client Matrix: Water

Date Sampled: 07/16/2009 0830  
Date Received: 07/16/2009 1800

### 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B	Analysis Batch: 220-29349	Instrument ID: MSN	
Preparation: 5030B		Lab File ID: N3992.D	
Dilution: 1.0		Initial Weight/Volume: 5 mL	
Date Analyzed: 07/22/2009 1439		Final Weight/Volume: 5 mL	
Date Prepared: 07/22/2009 1439			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U ✓	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	2.1	U ✓ J.B.J.	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113		65 - 136
4-Bromofluorobenzene	117		51 - 142
Dibromofluoromethane	115		68 - 132
Toluene-d8 (Surr)	119		63 - 127

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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

Client Sample ID: WWSB-23 (1-4)

Lab Sample ID: 220-9611-22  
Client Matrix: Solid

% Moisture: 22.0

Date Sampled: 07/16/2009 1100  
Date Received: 07/16/2009 1800

## 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 220-29295 Instrument ID: MSO  
Preparation: 5030B Lab File ID: O1909.D  
Dilution: 1.0 Initial Weight/Volume: 5 g  
Date Analyzed: 07/21/2009 2357 Final Weight/Volume: 5 mL  
Date Prepared: 07/21/2009 2357

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	40U	<del>40</del>	B* UJ ✓	2.9	26
Benzene		3.1	J ✓	0.73	6.4
Bromodichloromethane		6.4	U	0.38	6.4
Bromoform		6.4	U	0.78	6.4
Bromomethane		6.4	U	2.7	6.4
Methyl Ethyl Ketone		13	U	2.0	13
Carbon disulfide		3.8	J ✓	0.53	6.4
Carbon tetrachloride		6.4	U	1.2	6.4
Chlorobenzene		6.4	U	0.76	6.4
Chloroethane		6.4	U	1.3	6.4
Chloroform		6.4	U	0.44	6.4
Chloromethane		6.4	U	1.0	6.4
Dibromochloromethane		6.4	U	0.45	6.4
1,1-Dichloroethane		6.4	U	0.38	6.4
1,2-Dichloroethane		6.4	U	0.74	6.4
1,1-Dichloroethene		6.4	U	0.74	6.4
1,2-Dichloropropane		6.4	U	0.86	6.4
cis-1,3-Dichloropropene		6.4	U	0.72	6.4
trans-1,3-Dichloropropene		6.4	U	0.35	6.4
Ethylbenzene		18		0.90	6.4
2-Hexanone		13	U	1.5	13
Methylene Chloride	26U	<del>8.4</del>	J B ✓	1.4	26
methyl isobutyl ketone		6.4	U	0.71	6.4
Styrene	6.4U	<del>2.3</del>	J B ✓	0.19	6.4
1,1,2,2-Tetrachloroethane		6.4	U	0.67	6.4
Tetrachloroethene		6.4	U	1.0	6.4
Toluene	6.4U	<del>2.1</del>	J B ✓	0.095	6.4
1,1,1-Trichloroethane		6.4	U	0.68	6.4
1,1,2-Trichloroethane		6.4	U	0.47	6.4
Trichloroethene		6.4	U	1.0	6.4
Vinyl chloride		6.4	U	0.30	6.4
Xylenes, Total		2.8	J ✓	0.62	6.4
cis-1,2-Dichloroethene		6.4	U	0.47	6.4
trans-1,2-Dichloroethene		6.4	U	0.50	6.4

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85		59 - 132
4-Bromofluorobenzene	61		34 - 124
Dibromofluoromethane	68		59 - 123
Toluene-d8 (Surr)	66		50 - 118

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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

Client Sample ID: WWSB-24 (4-5)

Lab Sample ID: 220-9611-23

Date Sampled: 07/16/2009 1050

Client Matrix: Solid

% Moisture: 14.9

Date Received: 07/16/2009 1800

## 8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch:	220-29295	Instrument ID:	MSO
Preparation:	5030B			Lab File ID:	O1910.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Date Analyzed:	07/22/2009 0021			Final Weight/Volume:	5 mL
Date Prepared:	07/22/2009 0021				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	240	<del>40</del>	<del>JB</del> ✓	2.6	24
Benzene		0.73	J ✓	0.67	5.9
Bromodichloromethane		5.9	U	0.35	5.9
Bromoform		5.9	U	0.72	5.9
Bromomethane		5.9	U	2.4	5.9
Methyl Ethyl Ketone		12	U	1.9	12
Carbon disulfide		5.9	U	0.48	5.9
Carbon tetrachloride		5.9	U	1.1	5.9
Chlorobenzene		5.9	U	0.69	5.9
Chloroethane		5.9	U	1.2	5.9
Chloroform		5.9	U	0.40	5.9
Chloromethane		5.9	U	0.92	5.9
Dibromochloromethane		5.9	U	0.41	5.9
1,1-Dichloroethane		5.9	U	0.35	5.9
1,2-Dichloroethane		5.9	U	0.68	5.9
1,1-Dichloroethene		5.9	U	0.68	5.9
1,2-Dichloropropane		5.9	U	0.79	5.9
cis-1,3-Dichloropropene		5.9	U	0.66	5.9
trans-1,3-Dichloropropene		5.9	U	0.32	5.9
Ethylbenzene		5.9	U	0.82	5.9
2-Hexanone		12	U	1.4	12
Methylene Chloride	240	<del>7.3</del>	<del>JB</del> ✓	1.3	24
methyl isobutyl ketone		5.9	U	0.65	5.9
Styrene	5.90	<del>0.37</del>	<del>JB</del> ✓	0.18	5.9
1,1,2,2-Tetrachloroethane		5.9	U	0.61	5.9
Tetrachloroethene		5.9	U	0.95	5.9
Toluene	5.90	<del>0.74</del>	<del>JB</del> ✓	0.087	5.9
1,1,1-Trichloroethane		5.9	U	0.62	5.9
1,1,2-Trichloroethane		5.9	U	0.43	5.9
Trichloroethene		5.9	U	0.95	5.9
Vinyl chloride		5.9	U	0.27	5.9
Xylenes, Total		5.9	U	0.57	5.9
cis-1,2-Dichloroethene		5.9	U	0.43	5.9
trans-1,2-Dichloroethene		5.9	U	0.46	5.9

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	68		59 - 132
4-Bromofluorobenzene	65		34 - 124
Dibromofluoromethane	67		59 - 123
Toluene-d8 (Surr)	64		50 - 118

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

**Client Sample ID: WWSB-24 (38-40)**

Lab Sample ID: 220-9611-24  
Client Matrix: Solid

% Moisture: 23.1

Date Sampled: 07/16/2009 1320  
Date Received: 07/16/2009 1800

### 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B	Analysis Batch: 220-29428	Instrument ID: MSL
Preparation: 5030B	Prep Batch: 220-29516	Lab File ID: L6284.D
Dilution: 50		Initial Weight/Volume: 5 g
Date Analyzed: 07/24/2009 2043		Final Weight/Volume: 10 mL
Date Prepared: 07/24/2009 1200		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		81000	U ✓	16000	81000
Benzene		840000		4300	33000
Bromodichloromethane		33000	U	4500	33000
Bromoform		33000	U	5200	33000
Bromomethane		33000	U	6000	33000
Methyl Ethyl Ketone		33000	U	7200	33000
Carbon disulfide		33000	U	4300	33000
Carbon tetrachloride		33000	U	5000	33000
Chlorobenzene		33000	U	4000	33000
Chloroethane		33000	U	5200	33000
Chloroform		33000	U	4000	33000
Chloromethane		33000	U	4200	33000
Dibromochloromethane		33000	U	5100	33000
1,1-Dichloroethane		33000	U	4700	33000
1,2-Dichloroethane		33000	U	3800	33000
1,1-Dichloroethene		33000	U	4900	33000
1,2-Dichloropropane		33000	U	3400	33000
cis-1,3-Dichloropropene		33000	U	4000	33000
trans-1,3-Dichloropropene		33000	U	4000	33000
Ethylbenzene		120000		3400	33000
2-Hexanone		33000	U	8500	33000
Methylene Chloride	33000U	<del>8200</del>	J-B ✓	5300	33000
methyl isobutyl ketone		33000	U	5300	33000
Styrene		1000000		5200	33000
1,1,2,2-Tetrachloroethane		33000	U	4300	33000
Tetrachloroethene		33000	U	5300	33000
Toluene		1300000		4700	33000
1,1,1-Trichloroethane		33000	U	4000	33000
1,1,2-Trichloroethane		33000	U	4400	33000
Trichloroethene		33000	U	4200	33000
Vinyl chloride		33000	U	4400	33000
Xylenes, Total		1200000		14000	33000
cis-1,2-Dichloroethene		33000	U	3900	33000
trans-1,2-Dichloroethene		33000	U	3400	33000

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		52 - 119
4-Bromofluorobenzene	96		63 - 128
Dibromofluoromethane	108		53 - 121
Toluene-d8 (Surr)	103		55 - 121

9/25/09  
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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

**Client Sample ID: WWSB-07 (19-22)**

Lab Sample ID: 220-9611-25  
Client Matrix: Solid

% Moisture: 26.5

Date Sampled: 07/15/2009 1050  
Date Received: 07/16/2009 1800

### 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B	Analysis Batch: 220-29560	Instrument ID: MSL
Preparation: 5030B	Prep Batch: 220-29516	Lab File ID: L6348.D
Dilution: 20		Initial Weight/Volume: 5 g
Date Analyzed: 07/29/2009 1342		Final Weight/Volume: 10 mL
Date Prepared: 07/24/2009 1200		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		34000	U	6500	34000
Benzene		120000		1800	14000
Bromodichloromethane		14000	U	1900	14000
Bromoform		14000	U	2200	14000
Bromomethane		14000	U	2500	14000
Methyl Ethyl Ketone		14000	U	3000	14000
Carbon disulfide		14000	U	1800	14000
Carbon tetrachloride		14000	U	2100	14000
Chlorobenzene		14000	U	1700	14000
Chloroethane		14000	U	2200	14000
Chloroform		14000	U	1700	14000
Chloromethane		14000	U	1700	14000
Dibromochloromethane		14000	U	2100	14000
1,1-Dichloroethane		14000	U	2000	14000
1,2-Dichloroethane		14000	U	1600	14000
1,1-Dichloroethene		14000	U	2000	14000
1,2-Dichloropropane		14000	U	1400	14000
cis-1,3-Dichloropropene		14000	U	1700	14000
trans-1,3-Dichloropropene		14000	U	1700	14000
Ethylbenzene		38000		1400	14000
2-Hexanone		14000	U	3500	14000
Methylene Chloride		<del>2400</del> <span style="color: red;">14000U</span>	<del>U</del> <span style="color: red;">JB</span> ✓	2200	14000
methyl isobutyl ketone		14000	U	2200	14000
Styrene		270000		2200	14000
1,1,2,2-Tetrachloroethane		14000	U	1800	14000
Tetrachloroethene		14000	U	2200	14000
Toluene		260000		2000	14000
1,1,1-Trichloroethane		14000	U	1700	14000
1,1,2-Trichloroethane		14000	U	1900	14000
Trichloroethene		14000	U	1800	14000
Vinyl chloride		14000	U	1800	14000
Xylenes, Total		320000		5700	14000
cis-1,2-Dichloroethene		14000	U	1600	14000
trans-1,2-Dichloroethene		14000	U	1400	14000

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85		52 - 119
4-Bromofluorobenzene	77		63 - 128
Dibromofluoromethane	90		53 - 121
Toluene-d8 (Surr)	83		55 - 121

9/25/09  
J

EMM  
9/2/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

Client Sample ID: **WWFB-071709**

Lab Sample ID: 220-9611-26FB  
Client Matrix: Water

Date Sampled: 07/17/2009 1030  
Date Received: 07/17/2009 1344

### 8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-29403	Instrument ID: MSL
Preparation:	5030B		Lab File ID: L6224.D
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	07/23/2009 1751		Final Weight/Volume: 5 mL
Date Prepared:	07/23/2009 1751		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	8.8	J ✓	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	2.5	J ✓	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U ✓	0.99	5.0
trans-1,2-Dichloroethene	5.0	U ✓	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90		65 - 136
4-Bromofluorobenzene	86		51 - 142
Dibromofluoromethane	95		68 - 132
Toluene-d8 (Surr)	89		63 - 127

9/20/09  
JP

EMM  
9/8/09

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

Client Sample ID: **WWTB-071709**

Lab Sample ID: 220-9611-27TB

Date Sampled: 07/17/2009 1045

Client Matrix: Water

Date Received: 07/17/2009 1344

## 8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-29403	Instrument ID:	MSL
Preparation:	5030B		Lab File ID:	L6223.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	07/23/2009 1727		Final Weight/Volume:	5 mL
Date Prepared:	07/23/2009 1727			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U ✓	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	1.3	J B J ✓	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U ✓	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		65 - 136
4-Bromofluorobenzene	94		51 - 142
Dibromofluoromethane	103		68 - 132
Toluene-d8 (Surr)	99		63 - 127

9/25/09  
 JF  
 EMM  
 9/18/09



# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

Client Sample ID: WWSB-23 (31-33)

Lab Sample ID: 220-9611-28  
Client Matrix: Solid

% Moisture: 7.2

Date Sampled: 07/17/2009 0830  
Date Received: 07/17/2009 1344

## 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 220-29428 Instrument ID: MSL  
Preparation: 5030B Prep Batch: 220-29516 Lab File ID: L6286.D  
Dilution: 200 Initial Weight/Volume: 5 g  
Date Analyzed: 07/24/2009 2130 Final Weight/Volume: 10 mL  
Date Prepared: 07/24/2009 1200

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		270000	U	52000	270000
Benzene		1100000		14000	110000
Bromodichloromethane		110000	U	15000	110000
Bromoform		110000	U	17000	110000
Bromomethane		110000	U	20000	110000
Methyl Ethyl Ketone		110000	U	24000	110000
Carbon disulfide		110000	U	14000	110000
Carbon tetrachloride		110000	U	17000	110000
Chlorobenzene		110000	U	13000	110000
Chloroethane		110000	U	17000	110000
Chloroform		110000	U	13000	110000
Chloromethane		110000	U	14000	110000
Dibromochloromethane		110000	U	17000	110000
1,1-Dichloroethane		110000	U	16000	110000
1,2-Dichloroethane		110000	U	13000	110000
1,1-Dichloroethene		110000	U	16000	110000
1,2-Dichloropropane		110000	U	11000	110000
cis-1,3-Dichloropropene		110000	U	13000	110000
trans-1,3-Dichloropropene		110000	U	13000	110000
Ethylbenzene		200000		11000	110000
2-Hexanone		110000	U	28000	110000
Methylene Chloride	1100000	22000	J B	17000	110000
methyl isobutyl ketone		110000	U	18000	110000
Styrene		1100000		17000	110000
1,1,2,2-Tetrachloroethane		110000	U	14000	110000
Tetrachloroethene		110000	U	18000	110000
Toluene		1800000		16000	110000
1,1,1-Trichloroethane		110000	U	13000	110000
1,1,2-Trichloroethane		110000	U	15000	110000
Trichloroethene		110000	U	14000	110000
Vinyl chloride		110000	U	14000	110000
Xylenes, Total		1700000		45000	110000
cis-1,2-Dichloroethene		110000	U	13000	110000
trans-1,2-Dichloroethene		110000	U	11000	110000

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		52 - 119
4-Bromofluorobenzene	97		63 - 128
Dibromofluoromethane	106		53 - 121
Toluene-d8 (Surr)	97		55 - 121

9/25/09  
JB

EMM  
9/21/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

**Client Sample ID: WWSB-23 (62-63)**

Lab Sample ID: 220-9611-29

Date Sampled: 07/17/2009 0945

Client Matrix: Solid

% Moisture: 17.9

Date Received: 07/17/2009 1344

### 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B	Analysis Batch: 220-29428	Instrument ID: MSL
Preparation: 5030B	Prep Batch: 220-29516	Lab File ID: L6287.D
Dilution: 2.0		Initial Weight/Volume: 5 g
Date Analyzed: 07/24/2009 2154		Final Weight/Volume: 10 mL
Date Prepared: 07/24/2009 1200		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		3000	U ✓	580	3000
Benzene		13000		160	1200
Bromodichloromethane		1200	U	170	1200
Bromoform		1200	U	190	1200
Bromomethane		1200	U	220	1200
Methyl Ethyl Ketone		1200	U	270	1200
Carbon disulfide		1200	U	160	1200
Carbon tetrachloride		1200	U	190	1200
Chlorobenzene		1200	U	150	1200
Chloroethane		1200	U	190	1200
Chloroform		1200	U	150	1200
Chloromethane		1200	U	160	1200
Dibromochloromethane		1200	U	190	1200
1,1-Dichloroethane		1200	U	180	1200
1,2-Dichloroethane		1200	U	140	1200
1,1-Dichloroethene		1200	U	180	1200
1,2-Dichloropropane		1200	U	130	1200
cis-1,3-Dichloropropene		1200	U	150	1200
trans-1,3-Dichloropropene		1200	U	150	1200
Ethylbenzene		35000		130	1200
2-Hexanone		1200	U	320	1200
Methylene Chloride	1200U	<del>280</del>	J B ✓	200	1200
methyl isobutyl ketone		1200	U	200	1200
Styrene		21000		190	1200
1,1,2,2-Tetrachloroethane		1200	U	160	1200
Tetrachloroethene		1200	U	200	1200
Toluene		32000		180	1200
1,1,1-Trichloroethane		1200	U	150	1200
1,1,2-Trichloroethane		1200	U	170	1200
Trichloroethene		1200	U	160	1200
Vinyl chloride		1200	U	160	1200
Xylenes, Total		69000		510	1200
cis-1,2-Dichloroethene		1200	U	150	1200
trans-1,2-Dichloroethene		1200	U	130	1200

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	82		52 - 119
4-Bromofluorobenzene	81		63 - 128
Dibromofluoromethane	89		53 - 121
Toluene-d8 (Surr)	84		55 - 121

*9/29/09*  
*EMM*  
*9/8/09*



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

**Client Sample ID: WWMW-02 (50-53)**

Lab Sample ID: 220-9611-1

Date Sampled: 07/13/2009 1230

Client Matrix: Solid

% Moisture: 18.1

Date Received: 07/14/2009 1715

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29118	Instrument ID: MSA
Preparation:	3541	Prep Batch: 220-29033	Lab File ID: A6161.D
Dilution:	1.0		Initial Weight/Volume: 15.06 g
Date Analyzed:	07/16/2009 2231		Final Weight/Volume: 1 mL
Date Prepared:	07/15/2009 1029		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		330	U	19	330
Acenaphthylene		330	U	16	330
Anthracene		330	U	13	330
Benzo[a]anthracene		330	U	12	330
Benzo[a]pyrene		330	U	8.9	330
Benzo[b]fluoranthene		330	U	8.8	330
Benzo[g,h,i]perylene		330	U	21	330
Benzo[k]fluoranthene		330	U	29	330
Bis(2-chloroethoxy)methane		330	U	15	330
Bis(2-chloroethyl)ether		330	U	17	330
Bis(2-ethylhexyl) phthalate		110	J	32	330
Butyl benzyl phthalate		330	U	18	330
Carbazole		330	U	18	330
Chrysene		330	U	24	330
Di-n-butyl phthalate		330	U	48	330
Di-n-octyl phthalate		330	U	19	330
4-Bromophenyl phenyl ether		330	U	21	330
4-Chloroaniline		330	U	53	330
2-Chloronaphthalene		330	U	14	330
4-Chlorophenyl phenyl ether		330	U	24	330
Dibenz(a,h)anthracene		330	U	26	330
Dibenzofuran		330	U	23	330
Diethyl phthalate		330	U	33	330
Dimethyl phthalate		330	U	19	330
1,2-Dichlorobenzene		330	U	19	330
1,3-Dichlorobenzene		330	U	16	330
1,4-Dichlorobenzene		330	U	19	330
3,3'-Dichlorobenzidine		810	U	68	810
2,4-Dinitrotoluene		330	U	26	330
2,6-Dinitrotoluene		330	U	9.6	330
Fluoranthene		330	U	16	330
Fluorene		330	U	20	330
Hexachlorobenzene		330	U	23	330
Hexachlorobutadiene		330	U	25	330
Hexachlorocyclopentadiene		810	U	150	810
Hexachloroethane		330	U	19	330
Indeno[1,2,3-cd]pyrene		330	U	21	330
Isophorone		330	U	18	330
2-Methylnaphthalene		330	U	9.4	330
Naphthalene		330	U	17	330
2-Nitroaniline		2100	U	20	2100
3-Nitroaniline		2100	U	10	2100
Nitrobenzene		330	U	21	330
N-Nitrosodi-n-propylamine		330	U	22	330
N-Nitrosodiphenylamine		330	U	18	330
Phenanthrene		330	U	16	330

9/25/09  
 EMW  
 9/8/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

**Client Sample ID: WWMW-02 (50-53)**

Lab Sample ID: 220-9611-1

Date Sampled: 07/13/2009 1230

Client Matrix: Solid

% Moisture: 18.1

Date Received: 07/14/2009 1715

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29118	Instrument ID: MSA
Preparation: 3541	Prep Batch: 220-29033	Lab File ID: A6161.D
Dilution: 1.0		Initial Weight/Volume: 15.06 g
Date Analyzed: 07/16/2009 2231		Final Weight/Volume: 1 mL
Date Prepared: 07/15/2009 1029		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		330	U	15	330
1,2,4-Trichlorobenzene		330	U	22	330
4-Chloro-3-methylphenol		330	U	14	330
2-Chlorophenol		330	U	19	330
2-Methylphenol		330	U	20	330
4-Methylphenol		330	U	22	330
2,4-Dichlorophenol		330	U	18	330
2,4-Dimethylphenol		330	U	16	330
2,4-Dinitrophenol		2100	U	99	2100
4,6-Dinitro-2-methylphenol		2100	U <i>UJ</i>	140	2100
2-Nitrophenol		330	U	21	330
4-Nitrophenol		2100	U	25	2100
Pentachlorophenol		2100	U	200	2100
Phenol		330	U	22	330
2,4,5-Trichlorophenol		2100	U	17	2100
2,4,6-Trichlorophenol		330	U	9.0	330
Benzyl alcohol		330	U	31	330
4-Nitroaniline		330	U	25	330
2,2'-oxybis[1-chloropropane]		330	U	17	330

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	58		41 - 120
2-Fluorophenol	62		34 - 120
2,4,6-Tribromophenol	55		37 - 120
Nitrobenzene-d5	58		38 - 120
Phenol-d5	59		36 - 120
Terphenyl-d14	74		32 - 125

*9/25/09*  
*EMM*  
*9/8/09*



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

**Client Sample ID: WWSB-09 (11-12)**

Lab Sample ID: 220-9611-2  
Client Matrix: Solid

% Moisture: 13.1

Date Sampled: 07/13/2009 1425  
Date Received: 07/14/2009 1715

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29247	Instrument ID: MSC
Preparation: 3541	Prep Batch: 220-29033	Lab File ID: C12354.D
Dilution: 200		Initial Weight/Volume: 15.02 g
Date Analyzed: 07/21/2009 1815		Final Weight/Volume: 1 mL
Date Prepared: 07/15/2009 1029		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		37000	J ✓	2900	62000
1,2,4-Trichlorobenzene		62000	U	4100	62000
4-Chloro-3-methylphenol		62000	U	2600	62000
2-Chlorophenol		62000	U	3600	62000
2-Methylphenol		62000	U	3700	62000
4-Methylphenol		62000	U	4100	62000
2,4-Dichlorophenol		62000	U	3300	62000
2,4-Dimethylphenol		62000	U	3000	62000
2,4-Dinitrophenol		390000	U	19000	390000
4,6-Dinitro-2-methylphenol		390000	U	27000	390000
2-Nitrophenol		62000	U	3900	62000
4-Nitrophenol		390000	U	4700	390000
Pentachlorophenol		390000	U	38000	390000
Phenol		62000	U	4100	62000
2,4,5-Trichlorophenol		390000	U	3100	390000
2,4,6-Trichlorophenol		62000	U	1700	62000
Benzyl alcohol		62000	U	5900	62000
4-Nitroaniline		62000	U	4800	62000
2,2'-oxybis[1-chloropropane]		62000	U	3200	62000

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	58		41 - 120
2-Fluorophenol	53		34 - 120
2,4,6-Tribromophenol	47		37 - 120
Nitrobenzene-d5	70		38 - 120
Phenol-d5	29	*	36 - 120
Terphenyl-d14	54		32 - 125

*9/25/09*  
**EMM**  
*9/18/09*



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

**Client Sample ID: WWSB-09 (53-54)**

Lab Sample ID: 220-9611-3

Date Sampled: 07/14/2009 1740

Client Matrix: Solid

% Moisture: 26.6

Date Received: 07/14/2009 1715

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29178	Instrument ID: MSA
Preparation:	3541	Prep Batch: 220-29033	Lab File ID: A6197.D
Dilution:	4.0		Initial Weight/Volume: 15.09 g
Date Analyzed:	07/17/2009 2249		Final Weight/Volume: 1 mL
Date Prepared:	07/15/2009 1029		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		550	J J ✓	87	1500
Acenaphthylene		3700		71	1500
Anthracene		1600		57	1500
Benzo[a]anthracene		920	J J ✓	52	1500
Benzo[a]pyrene		680	J J ✓	40	1500
Benzo[b]fluoranthene		420	J J ✓	39	1500
Benzo[g,h,i]perylene		850	J J ✓	95	1500
Benzo[k]fluoranthene		150	J J ✓	130	1500
Bis(2-chloroethoxy)methane		1500	U	68	1500
Bis(2-chloroethyl)ether		1500	U	76	1500
Bis(2-ethylhexyl) phthalate		1500	U	140	1500
Butyl benzyl phthalate		1500	U	82	1500
Carbazole		1500	U	81	1500
Chrysene		880	J J ✓	110	1500
Di-n-butyl phthalate		1500	U	210	1500
Di-n-octyl phthalate		1500	U	83	1500
4-Bromophenyl phenyl ether		1500	U	94	1500
4-Chloroaniline		1500	U	240	1500
2-Chloronaphthalene		1500	U	62	1500
4-Chlorophenyl phenyl ether		1500	U	110	1500
Dibenz(a,h)anthracene		1500	U	110	1500
Dibenzofuran		1500	U	100	1500
Diethyl phthalate		1500	U	150	1500
Dimethyl phthalate		1500	U	84	1500
1,2-Dichlorobenzene		1500	U	87	1500
1,3-Dichlorobenzene		1500	U	73	1500
1,4-Dichlorobenzene		1500	U	87	1500
3,3'-Dichlorobenzidine		3600	U	300	3600
2,4-Dinitrotoluene		1500	U	120	1500
2,6-Dinitrotoluene		1500	U	43	1500
Fluoranthene		1500		73	1500
Fluorene		2000		88	1500
Hexachlorobenzene		1500	U	100	1500
Hexachlorobutadiene		1500	U	110	1500
Hexachlorocyclopentadiene		3600	U	690	3600
Hexachloroethane		1500	U	83	1500
Indeno[1,2,3-cd]pyrene		830	J J ✓	95	1500
Isophorone		1500	U	81	1500
2-Methylnaphthalene		7500		42	1500
Naphthalene		15000		76	1500
2-Nitroaniline		9200	U	89	9200
3-Nitroaniline		9200	U	47	9200
Nitrobenzene		1500	U	93	1500
N-Nitrosodi-n-propylamine		1500	U	99	1500
N-Nitrosodiphenylamine		1500	U	82	1500
Phenanthrene		5600		72	1500

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

Client Sample ID: **WWSB-09 (53-54)**

Lab Sample ID: 220-9611-3

Date Sampled: 07/14/2009 1740

Client Matrix: Solid

% Moisture: 26.6

Date Received: 07/14/2009 1715

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29178	Instrument ID: MSA
Preparation:	3541	Prep Batch: 220-29033	Lab File ID: A6197.D
Dilution:	4.0		Initial Weight/Volume: 15.09 g
Date Analyzed:	07/17/2009 2249		Final Weight/Volume: 1 mL
Date Prepared:	07/15/2009 1029		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		2300		69	1500
1,2,4-Trichlorobenzene		1500	U	96	1500
4-Chloro-3-methylphenol		1500	U	60	1500
2-Chlorophenol		1500	U	85	1500
2-Methylphenol		1500	U	88	1500
4-Methylphenol		1500	U	96	1500
2,4-Dichlorophenol		1500	U	78	1500
2,4-Dimethylphenol		1500	U	71	1500
2,4-Dinitrophenol		9200	U	440	9200
4,6-Dinitro-2-methylphenol		9200	U	630	9200
2-Nitrophenol		1500	U	92	1500
4-Nitrophenol		9200	U	110	9200
Pentachlorophenol		9200	U	890	9200
Phenol		1500	U	97	1500
2,4,5-Trichlorophenol		9200	U	74	9200
2,4,6-Trichlorophenol		1500	U	40	1500
Benzyl alcohol		1500	U	140	1500
4-Nitroaniline		1500	U	110	1500
2,2'-oxybis[1-chloropropane]		1500	U	76	1500



Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	62		41 - 120
2-Fluorophenol	69		34 - 120
2,4,6-Tribromophenol	69		37 - 120
Nitrobenzene-d5	60		38 - 120
Phenol-d5	67		36 - 120
Terphenyl-d14	62		32 - 125

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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

Client Sample ID: WWSB-03 (3-5)

Lab Sample ID: 220-9611-5  
Client Matrix: Solid

% Moisture: 12.6

Date Sampled: 07/14/2009 1030  
Date Received: 07/14/2009 1715

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 220-29178 Instrument ID: MSA  
Preparation: 3541 Prep Batch: 220-29033 Lab File ID: A6198.D  
Dilution: 1.0 Initial Weight/Volume: 15.09 g  
Date Analyzed: 07/17/2009 2315 Final Weight/Volume: 1 mL  
Date Prepared: 07/15/2009 1029 Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		64	J J ✓	18	310
Acenaphthylene		550		15	310
Anthracene		660		12	310
Benzo[a]anthracene		1100		11	310
Benzo[a]pyrene		870		8.3	310
Benzo[b]fluoranthene		1100		8.2	310
Benzo[g,h,i]perylene		1100		20	310
Benzo[k]fluoranthene		350		28	310
Bis(2-chloroethoxy)methane		310	U	14	310
Bis(2-chloroethyl)ether		310	U	16	310
Bis(2-ethylhexyl) phthalate		310	U	30	310
Butyl benzyl phthalate		310	U	17	310
Carbazole		310	U	17	310
Chrysene		1700		23	310
Di-n-butyl phthalate		310	U	45	310
Di-n-octyl phthalate		310	U	17	310
4-Bromophenyl phenyl ether		310	U	20	310
4-Chloroaniline		310	U	50	310
2-Chloronaphthalene		310	U	13	310
4-Chlorophenyl phenyl ether		310	U	23	310
Dibenz(a,h)anthracene		390		24	310
Dibenzofuran		310	U	22	310
Diethyl phthalate		310	U	31	310
Dimethyl phthalate		310	U	18	310
1,2-Dichlorobenzene		310	U	18	310
1,3-Dichlorobenzene		310	U	15	310
1,4-Dichlorobenzene		310	U	18	310
3,3'-Dichlorobenzidine		760	U	63	760
2,4-Dinitrotoluene		310	U	24	310
2,6-Dinitrotoluene		310	U	9.0	310
Fluoranthene		1300		15	310
Fluorene		110	J J ✓	18	310
Hexachlorobenzene		310	U	21	310
Hexachlorobutadiene		310	U	24	310
Hexachlorocyclopentadiene		760	U	140	760
Hexachloroethane		310	U	18	310
Indeno[1,2,3-cd]pyrene		1000		20	310
Isophorone		310	U	17	310
2-Methylnaphthalene		170	J J ✓	8.8	310
Naphthalene		160	J J ✓	16	310
2-Nitroaniline		1900	U	19	1900
3-Nitroaniline		1900	U	9.8	1900
Nitrobenzene		310	U	20	310
N-Nitrosodi-n-propylamine		310	U	21	310
N-Nitrosodiphenylamine		310	U	17	310
Phenanthrene		980		15	310

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

**Client Sample ID: WWSB-03 (3-5)**

Lab Sample ID: 220-9611-5  
Client Matrix: Solid

% Moisture: 12.6

Date Sampled: 07/14/2009 1030  
Date Received: 07/14/2009 1715

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29178	Instrument ID: MSA
Preparation: 3541	Prep Batch: 220-29033	Lab File ID: A6198.D
Dilution: 1.0		Initial Weight/Volume: 15.09 g
Date Analyzed: 07/17/2009 2315		Final Weight/Volume: 1 mL
Date Prepared: 07/15/2009 1029		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		1800		14	310
1,2,4-Trichlorobenzene		310	U	20	310
4-Chloro-3-methylphenol		310	U	13	310
2-Chlorophenol		310	U	18	310
2-Methylphenol		310	U	18	310
4-Methylphenol		310	U	20	310
2,4-Dichlorophenol		310	U	16	310
2,4-Dimethylphenol		310	U	15	310
2,4-Dinitrophenol		1900	U	92	1900
4,6-Dinitro-2-methylphenol		1900	U	130	1900
2-Nitrophenol		310	U	19	310
4-Nitrophenol		1900	U	23	1900
Pentachlorophenol		1900	U	190	1900
Phenol		310	U	20	310
2,4,5-Trichlorophenol		1900	U	15	1900
2,4,6-Trichlorophenol		310	U	8.4	310
Benzyl alcohol		310	U	29	310
4-Nitroaniline		310	U	24	310
2,2'-oxybis[1-chloropropane]		310	U	16	310



Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	72		41 - 120
2-Fluorophenol	73		34 - 120
2,4,6-Tribromophenol	74		37 - 120
Nitrobenzene-d5	70		38 - 120
Phenol-d5	73		36 - 120
Terphenyl-d14	68		32 - 125

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

**Client Sample ID: WWSB-XX (2-5)**

Lab Sample ID: 220-9611-6

Date Sampled: 07/14/2009 1045

Client Matrix: Solid

% Moisture: 9.9

Date Received: 07/14/2009 1715

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29178	Instrument ID: MSA
Preparation:	3541	Prep Batch: 220-29033	Lab File ID: A6200.D
Dilution:	4.0		Initial Weight/Volume: 15.02 g
Date Analyzed:	07/18/2009 0008		Final Weight/Volume: 1 mL
Date Prepared:	07/15/2009 1029		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		130	J J ✓	71	1200
Acenaphthylene		540	J J ✓	59	1200
Anthracene		710	J J ✓	47	1200
Benzo[a]anthracene		1400		43	1200
Benzo[a]pyrene		1200		32	1200
Benzo[b]fluoranthene		1300		32	1200
Benzo[g,h,i]perylene		1600		78	1200
Benzo[k]fluoranthene		470	J J ✓	110	1200
Bis(2-chloroethoxy)methane		1200	U	55	1200
Bis(2-chloroethyl)ether		1200	U	62	1200
Bis(2-ethylhexyl) phthalate		1200	U	120	1200
Butyl benzyl phthalate		1200	U	67	1200
Carbazole		1200	U	66	1200
Chrysene		1900		88	1200
Di-n-butyl phthalate		1200	U	170	1200
Di-n-octyl phthalate		1200	U	68	1200
4-Bromophenyl phenyl ether		1200	U	77	1200
4-Chloroaniline		1200	U	190	1200
2-Chloronaphthalene		1200	U	51	1200
4-Chlorophenyl phenyl ether		1200	U	88	1200
Dibenz(a,h)anthracene		760	J J ✓	94	1200
Dibenzofuran		1200	U	84	1200
Diethyl phthalate		1200	U	120	1200
Dimethyl phthalate		1200	U	69	1200
1,2-Dichlorobenzene		1200	U	71	1200
1,3-Dichlorobenzene		1200	U	60	1200
1,4-Dichlorobenzene		1200	U	71	1200
3,3'-Dichlorobenzidine		3000	U	250	3000
2,4-Dinitrotoluene		1200	U	95	1200
2,6-Dinitrotoluene		1200	U	35	1200
Fluoranthene		2000		59	1200
Fluorene		1200	U	72	1200
Hexachlorobenzene		1200	U	83	1200
Hexachlorobutadiene		1200	U	92	1200
Hexachlorocyclopentadiene		3000	U	560	3000
Hexachloroethane		1200	U	68	1200
Indeno[1,2,3-cd]pyrene		1500		78	1200
Isophorone		1200	U	66	1200
2-Methylnaphthalene		210	J J ✓	34	1200
Naphthalene		1200	U	62	1200
2-Nitroaniline		7500	U	73	7500
3-Nitroaniline		7500	U	38	7500
Nitrobenzene		1200	U	76	1200
N-Nitrosodi-n-propylamine		1200	U	81	1200
N-Nitrosodiphenylamine		1200	U	67	1200
Phenanthrene		1600		59	1200

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

**Client Sample ID: WWSB-XX (2-5)**

Lab Sample ID: 220-9611-6  
Client Matrix: Solid

% Moisture: 9.9

Date Sampled: 07/14/2009 1045  
Date Received: 07/14/2009 1715

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29178	Instrument ID: MSA
Preparation: 3541	Prep Batch: 220-29033	Lab File ID: A6200.D
Dilution: 4.0		Initial Weight/Volume: 15.02 g
Date Analyzed: 07/18/2009 0008		Final Weight/Volume: 1 mL
Date Prepared: 07/15/2009 1029		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		2200		56	1200
1,2,4-Trichlorobenzene		1200	U	78	1200
4-Chloro-3-methylphenol		1200	U	49	1200
2-Chlorophenol		1200	U	70	1200
2-Methylphenol		1200	U	72	1200
4-Methylphenol		1200	U	78	1200
2,4-Dichlorophenol		1200	U	64	1200
2,4-Dimethylphenol		1200	U	58	1200
2,4-Dinitrophenol		7500	U	360	7500
4,6-Dinitro-2-methylphenol		7500	U	510	7500
2-Nitrophenol		1200	U	75	1200
4-Nitrophenol		7500	U	90	7500
Pentachlorophenol		7500	U	730	7500
Phenol		1200	U	79	1200
2,4,5-Trichlorophenol		7500	U	60	7500
2,4,6-Trichlorophenol		1200	U	33	1200
Benzyl alcohol		1200	U	110	1200
4-Nitroaniline		1200	U	92	1200
2,2'-oxybis[1-chloropropane]		1200	U	62	1200

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	66		41 - 120
2-Fluorophenol	63		34 - 120
2,4,6-Tribromophenol	39		37 - 120
Nitrobenzene-d5	67		38 - 120
Phenol-d5	67		36 - 120
Terphenyl-d14	58		32 - 125

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

**Client Sample ID: WWSB-03**

Lab Sample ID: 220-9611-8

Date Sampled: 07/14/2009 1430

Client Matrix: Water

Date Received: 07/16/2009 1800

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29365	Instrument ID: MSA
Preparation:	3510C	Prep Batch: 220-29149	Lab File ID: A6295.D
Dilution:	100		Initial Weight/Volume: 1000 mL
Date Analyzed:	07/23/2009 1538		Final Weight/Volume: 1 mL
Date Prepared:	07/17/2009 1738		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	86	J <sup>+</sup> ✓	31	400
Acenaphthylene	400	U	34	400
Anthracene	400	U	29	400
Benzo[a]anthracene	400	U	30	400
Benzo[a]pyrene	400	U	35	400
Benzo[b]fluoranthene	400	U	36	400
Benzo[g,h,i]perylene	400	U	36	400
Benzo[k]fluoranthene	400	U	40	400
Bis(2-chloroethoxy)methane	400	U	31	400
Bis(2-chloroethyl)ether	400	U	29	400
Bis(2-ethylhexyl) phthalate	400	U	54	400
Butyl benzyl phthalate	400	U	35	400
Carbazole	400	U	33	400
Chrysene	400	U	25	400
Di-n-butyl phthalate	400	U	35	400
Di-n-octyl phthalate	400	U	38	400
4-Bromophenyl phenyl ether	400	U	44	400
4-Chloroaniline	400	U	29	400
2-Chloronaphthalene	400	U	39	400
4-Chlorophenyl phenyl ether	400	U	35	400
Dibenz(a,h)anthracene	400	U	38	400
Dibenzofuran	400	U	43	400
Diethyl phthalate	400	U	43	400
Dimethyl phthalate	400	U	38	400
1,2-Dichlorobenzene	400	U	31	400
1,3-Dichlorobenzene	400	U	25	400
1,4-Dichlorobenzene	400	U	31	400
3,3'-Dichlorobenzidine	400	U	36	400
2,4-Dinitrotoluene	400	U	40	400
2,6-Dinitrotoluene	400	U	26	400
Fluoranthene	400	U	31	400
Fluorene	400	U	26	400
Hexachlorobenzene	400	U	33	400
Hexachlorobutadiene	400	U	20	400
Hexachlorocyclopentadiene	400	U	35	400
Hexachloroethane	400	U	37	400
Indeno[1,2,3-cd]pyrene	400	U	28	400
Isophorone	400	U	31	400
2-Methylnaphthalene	380	J <sup>+</sup> ✓	27	400
Naphthalene	5800		30	400
2-Nitroaniline	400	U	34	400
3-Nitroaniline	400	U	23	400
Nitrobenzene	400	U	28	400
N-Nitrosodi-n-propylamine	400	U	33	400
N-Nitrosodiphenylamine	400	U	33	400
Phenanthrene	400	U	28	400

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

**Client Sample ID: WWSB-03**

Lab Sample ID: 220-9611-8  
Client Matrix: Water

Date Sampled: 07/14/2009 1430  
Date Received: 07/16/2009 1800

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29365	Instrument ID: MSA
Preparation: 3510C	Prep Batch: 220-29149	Lab File ID: A6295.D
Dilution: 100		Initial Weight/Volume: 1000 mL
Date Analyzed: 07/23/2009 1538		Final Weight/Volume: 1 mL
Date Prepared: 07/17/2009 1738		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	400	U	33	400
1,2,4-Trichlorobenzene	400	U	36	400
4-Chloro-3-methylphenol	500	U	34	500
2-Chlorophenol	400	U	23	400
2-Methylphenol	400	U	24	400
4-Methylphenol	400	U	29	400
2,4-Dichlorophenol	400	U	33	400
2,4-Dimethylphenol	400	U	33	400
2,4-Dinitrophenol	2500	U	43	2500
4,6-Dinitro-2-methylphenol	2500	U	190	2500
2-Nitrophenol	400	U	27	400
4-Nitrophenol	1000	U	140	1000
Pentachlorophenol	2500	U	31	2500
Phenol	400	U	19	400
2,4,5-Trichlorophenol	1000	U	28	1000
2,4,6-Trichlorophenol	400	U	37	400
Benzyl alcohol	400	U	41	400
4-Nitroaniline	400	U	20	400
2,2'-oxybis[1-chloropropane]	400	U	25	400

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	80		39 - 120
2-Fluorophenol	56		13 - 120
2,4,6-Tribromophenol	72		36 - 120
Nitrobenzene-d5	69		40 - 120
Phenol-d5	22		10 - 120
Terphenyl-d14	44		10 - 120



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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

Client Sample ID: **WWSB-03 (20-22)**

Lab Sample ID: 220-9611-9  
Client Matrix: Solid

% Moisture: 28.5

Date Sampled: 07/14/2009 1130  
Date Received: 07/16/2009 1800

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29379	Instrument ID: MSC
Preparation:	3541	Prep Batch: 220-29196	Lab File ID: C12457.D
Dilution:	500		Initial Weight/Volume: 15.09 g
Date Analyzed:	07/24/2009 1932		Final Weight/Volume: 1.0 mL
Date Prepared:	07/21/2009 0818		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		240000		11000	190000
Acenaphthylene		180000	J J ✓	9200	190000
Anthracene		170000	J J ✓	7300	190000
Benzo[a]anthracene		82000	J J ✓	6700	190000
Benzo[a]pyrene		60000	J J ✓	5100	190000
Benzo[b]fluoranthene		37000	J J ✓	5000	190000
Benzo[g,h,i]perylene		26000	J J ✓	12000	190000
Benzo[k]fluoranthene		17000	J J ✓	17000	190000
Bis(2-chloroethoxy)methane		190000	U	8700	190000
Bis(2-chloroethyl)ether		190000	U	9700	190000
Bis(2-ethylhexyl) phthalate		190000	U	18000	190000
Butyl benzyl phthalate		190000	U	11000	190000
Carbazole		190000	U	10000	190000
Chrysene		85000	J J ✓	14000	190000
Di-n-butyl phthalate		190000	U	27000	190000
Di-n-octyl phthalate		190000	U	11000	190000
4-Bromophenyl phenyl ether		190000	U	12000	190000
4-Chloroaniline		190000	U	31000	190000
2-Chloronaphthalene		190000	U	8000	190000
4-Chlorophenyl phenyl ether		190000	U	14000	190000
Dibenz(a,h)anthracene		190000	U	15000	190000
Dibenzofuran		24000	J J ✓	13000	190000
Diethyl phthalate		190000	U	19000	190000
Dimethyl phthalate		190000	U	11000	190000
1,2-Dichlorobenzene		190000	U	11000	190000
1,3-Dichlorobenzene		190000	U	9400	190000
1,4-Dichlorobenzene		190000	U	11000	190000
3,3'-Dichlorobenzidine		470000	U	39000	470000
2,4-Dinitrotoluene		190000	U	15000	190000
2,6-Dinitrotoluene		190000	U	5500	190000
Fluoranthene		140000	J J ✓	9300	190000
Fluorene		220000		11000	190000
Hexachlorobenzene		190000	U	13000	190000
Hexachlorobutadiene		190000	U	14000	190000
Hexachlorocyclopentadiene		470000	U	88000	470000
Hexachloroethane		190000	U	11000	190000
Indeno[1,2,3-cd]pyrene		25000	J J ✓	12000	190000
Isophorone		190000	U	10000	190000
2-Methylnaphthalene		1100000		5400	190000
Naphthalene		3200000		9700	190000
2-Nitroaniline		1200000	U	11000	1200000
3-Nitroaniline		1200000	U	6000	1200000
Nitrobenzene		190000	U	12000	190000
N-Nitrosodi-n-propylamine		190000	U	13000	190000
N-Nitrosodiphenylamine		190000	U	11000	190000
Phenanthrene		580000		9300	190000

9/25/09  
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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

**Client Sample ID: WWSB-03 (20-22)**

Lab Sample ID: 220-9611-9

Date Sampled: 07/14/2009 1130

Client Matrix: Solid

% Moisture: 28.5

Date Received: 07/16/2009 1800

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29379	Instrument ID: MSC
Preparation:	3541	Prep Batch: 220-29196	Lab File ID: C12457.D
Dilution:	500		Initial Weight/Volume: 15.09 g
Date Analyzed:	07/24/2009 1932		Final Weight/Volume: 1.0 mL
Date Prepared:	07/21/2009 0818		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		230000		8800	190000
1,2,4-Trichlorobenzene		190000	U	12000	190000
4-Chloro-3-methylphenol		190000	U	7700	190000
2-Chlorophenol		190000	U	11000	190000
2-Methylphenol		190000	U	11000	190000
4-Methylphenol		190000	U	12000	190000
2,4-Dichlorophenol		190000	U	10000	190000
2,4-Dimethylphenol		190000	U	9100	190000
2,4-Dinitrophenol		1200000	U	56000	1200000
4,6-Dinitro-2-methylphenol		1200000	U	81000	1200000
2-Nitrophenol		190000	U	12000	190000
4-Nitrophenol		1200000	U	14000	1200000
Pentachlorophenol		1200000	U	110000	1200000
Phenol		190000	U	12000	190000
2,4,5-Trichlorophenol		1200000	U	9500	1200000
2,4,6-Trichlorophenol		190000	U	5100	190000
Benzyl alcohol		190000	U	18000	190000
4-Nitroaniline		190000	U	14000	190000
2,2'-oxybis[1-chloropropane]		190000	U	9700	190000



Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	87		41 - 120
2-Fluorophenol	60		34 - 120
2,4,6-Tribromophenol	47		37 - 120
Nitrobenzene-d5	90		38 - 120
Phenol-d5	64		36 - 120
Terphenyl-d14	62		32 - 125

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

Client Sample ID: **WWSB-11 (50-51)**

Lab Sample ID: 220-9611-10

Date Sampled: 07/14/2009 1556

Client Matrix: Solid

% Moisture: 21.2

Date Received: 07/16/2009 1800

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29316	Instrument ID: MSA
Preparation:	3541	Prep Batch: 220-29196	Lab File ID: A6273.D
Dilution:	1.0		Initial Weight/Volume: 15.04 g
Date Analyzed:	07/22/2009 1743		Final Weight/Volume: 1.0 mL
Date Prepared:	07/21/2009 0818		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		55	J ✓	20	340
Acenaphthylene		340	U	17	340
Anthracene		340	U	13	340
Benzo[a]anthracene		340	U	12	340
Benzo[a]pyrene		340	U	9.2	340
Benzo[b]fluoranthene		340	U	9.1	340
Benzo[g,h,i]perylene		340	U	22	340
Benzo[k]fluoranthene		340	U	31	340
Bis(2-chloroethoxy)methane		340	U	16	340
Bis(2-chloroethyl)ether		340	U	18	340
Bis(2-ethylhexyl) phthalate		340	U	33	340
Butyl benzyl phthalate		340	U	19	340
Carbazole		340	U	19	340
Chrysene		340	U	25	340
Di-n-butyl phthalate		340	U	50	340
Di-n-octyl phthalate		340	U	19	340
4-Bromophenyl phenyl ether		340	U	22	340
4-Chloroaniline		340	U	56	340
2-Chloronaphthalene		340	U	15	340
4-Chlorophenyl phenyl ether		340	U	25	340
Dibenz(a,h)anthracene		340	U	27	340
Dibenzofuran		340	U	24	340
Diethyl phthalate		340	U	34	340
Dimethyl phthalate		340	U	20	340
1,2-Dichlorobenzene		340	U	20	340
1,3-Dichlorobenzene		340	U	17	340
1,4-Dichlorobenzene		340	U	20	340
3,3'-Dichlorobenzidine		850	U	70	850
2,4-Dinitrotoluene		340	U	27	340
2,6-Dinitrotoluene		340	U	10	340
Fluoranthene		340	U	17	340
Fluorene		340	U	21	340
Hexachlorobenzene		340	U	24	340
Hexachlorobutadiene		340	U	26	340
Hexachlorocyclopentadiene		850	U	160	850
Hexachloroethane		340	U	19	340
Indeno[1,2,3-cd]pyrene		340	U	22	340
Isophorone		340	U	19	340
2-Methylnaphthalene		140	J ✓	9.7	340
Naphthalene		740	U	18	340
2-Nitroaniline		2200	U	21	2200
3-Nitroaniline		2200	U	11	2200
Nitrobenzene		340	U	22	340
N-Nitrosodi-n-propylamine		340	U	23	340
N-Nitrosodiphenylamine		340	U	19	340
Phenanthrene		340	U	17	340

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

**Client Sample ID: WWSB-11 (50-51)**

Lab Sample ID: 220-9611-10  
Client Matrix: Solid

% Moisture: 21.2

Date Sampled: 07/14/2009 1556  
Date Received: 07/16/2009 1800

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29316	Instrument ID: MSA
Preparation: 3541	Prep Batch: 220-29196	Lab File ID: A6273.D
Dilution: 1.0		Initial Weight/Volume: 15.04 g
Date Analyzed: 07/22/2009 1743		Final Weight/Volume: 1.0 mL
Date Prepared: 07/21/2009 0818		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		340	U	16	340
1,2,4-Trichlorobenzene		340	U	22	340
4-Chloro-3-methylphenol		340	U	14	340
2-Chlorophenol		340	U	20	340
2-Methylphenol		340	U	21	340
4-Methylphenol		340	U	22	340
2,4-Dichlorophenol		340	U	18	340
2,4-Dimethylphenol		340	U	17	340
2,4-Dinitrophenol		2200	U	100	2200
4,6-Dinitro-2-methylphenol		2200	U	150	2200
2-Nitrophenol		340	U	22	340
4-Nitrophenol		2200	U	26	2200
Pentachlorophenol		2200	U	210	2200
Phenol		100	J ✓	23	340
2,4,5-Trichlorophenol		2200	U	17	2200
2,4,6-Trichlorophenol		340	U	9.4	340
Benzyl alcohol		340	U	32	340
4-Nitroaniline		340	U	26	340
2,2'-oxybis[1-chloropropane]		340	U	18	340

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	61		41 - 120
2-Fluorophenol	73		34 - 120
2,4,6-Tribromophenol	74		37 - 120
Nitrobenzene-d5	66		38 - 120
Phenol-d5	73		36 - 120
Terphenyl-d14	79		32 - 125

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

**Client Sample ID: WWSB-11 (63-64)**

Lab Sample ID: 220-9611-11

Date Sampled: 07/14/2009 1615

Client Matrix: Solid

% Moisture: 18.1

Date Received: 07/16/2009 1800

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29316	Instrument ID: MSA
Preparation: 3541	Prep Batch: 220-29196	Lab File ID: A6272.D
Dilution: 1.0		Initial Weight/Volume: 15.24 g
Date Analyzed: 07/22/2009 1717		Final Weight/Volume: 1.0 mL
Date Prepared: 07/21/2009 0818		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		320	U	19	320
Acenaphthylene		320	U	16	320
Anthracene		320	U	13	320
Benzo[a]anthracene		320	U	12	320
Benzo[a]pyrene		320	U	8.8	320
Benzo[b]fluoranthene		320	U	8.7	320
Benzo[g,h,i]perylene		320	U	21	320
Benzo[k]fluoranthene		320	U	29	320
Bis(2-chloroethoxy)methane		320	U	15	320
Bis(2-chloroethyl)ether		320	U	17	320
Bis(2-ethylhexyl) phthalate		42	J	31	320
Butyl benzyl phthalate		320	U	18	320
Carbazole		320	U	18	320
Chrysene		320	U	24	320
Di-n-butyl phthalate		320	U	47	320
Di-n-octyl phthalate		320	U	18	320
4-Bromophenyl phenyl ether		320	U	21	320
4-Chloroaniline		320	U	53	320
2-Chloronaphthalene		320	U	14	320
4-Chlorophenyl phenyl ether		320	U	24	320
Dibenz(a,h)anthracene		320	U	25	320
Dibenzofuran		320	U	23	320
Diethyl phthalate		320	U	33	320
Dimethyl phthalate		320	U	19	320
1,2-Dichlorobenzene		320	U	19	320
1,3-Dichlorobenzene		320	U	16	320
1,4-Dichlorobenzene		320	U	19	320
3,3'-Dichlorobenzidine		810	U	67	810
2,4-Dinitrotoluene		320	U	26	320
2,6-Dinitrotoluene		320	U	9.5	320
Fluoranthene		320	U	16	320
Fluorene		320	U	19	320
Hexachlorobenzene		320	U	22	320
Hexachlorobutadiene		320	U	25	320
Hexachlorocyclopentadiene		810	U	150	810
Hexachloroethane		320	U	19	320
Indeno[1,2,3-cd]pyrene		320	U	21	320
Isophorone		320	U	18	320
2-Methylnaphthalene		320	U	9.3	320
Naphthalene		320	U	17	320
2-Nitroaniline		2000	U	20	2000
3-Nitroaniline		2000	U	10	2000
Nitrobenzene		320	U	21	320
N-Nitrosodi-n-propylamine		320	U	22	320
N-Nitrosodiphenylamine		320	U	18	320
Phenanthrene		320	U	16	320

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

**Client Sample ID: WWSB-11 (63-64)**

Lab Sample ID: 220-9611-11

Date Sampled: 07/14/2009 1615

Client Matrix: Solid

% Moisture: 18.1

Date Received: 07/16/2009 1800

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29316	Instrument ID: MSA
Preparation: 3541	Prep Batch: 220-29196	Lab File ID: A6272.D
Dilution: 1.0		Initial Weight/Volume: 15.24 g
Date Analyzed: 07/22/2009 1717		Final Weight/Volume: 1.0 mL
Date Prepared: 07/21/2009 0818		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		320	U	15	320
1,2,4-Trichlorobenzene		320	U	21	320
4-Chloro-3-methylphenol		320	U	13	320
2-Chlorophenol		320	U	19	320
2-Methylphenol		320	U	19	320
4-Methylphenol		320	U	21	320
2,4-Dichlorophenol		320	U	17	320
2,4-Dimethylphenol		320	U	16	320
2,4-Dinitrophenol		2000	U	97	2000
4,6-Dinitro-2-methylphenol		2000	U	140	2000
2-Nitrophenol		320	U	20	320
4-Nitrophenol		2000	U	25	2000
Pentachlorophenol		2000	U	200	2000
Phenol		320	U	22	320
2,4,5-Trichlorophenol		2000	U	16	2000
2,4,6-Trichlorophenol		320	U	8.9	320
Benzyl alcohol		320	U	31	320
4-Nitroaniline		320	U	25	320
2,2'-oxybis[1-chloropropane]		320	U	17	320

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	63		41 - 120
2-Fluorophenol	72		34 - 120
2,4,6-Tribromophenol	75		37 - 120
Nitrobenzene-d5	66		38 - 120
Phenol-d5	72		36 - 120
Terphenyl-d14	88		32 - 125

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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

Client Sample ID: WWSB-05 (3-5)

Lab Sample ID: 220-9611-12

Date Sampled: 07/14/2009 1410

Client Matrix: Solid

% Moisture: 18.3

Date Received: 07/16/2009 1800

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29365	Instrument ID:	MSA
Preparation:	3541	Prep Batch: 220-29196	Lab File ID:	A6305.D
Dilution:	10		Initial Weight/Volume:	15.11 g
Date Analyzed:	07/23/2009 2001		Final Weight/Volume:	1.0 mL
Date Prepared:	07/21/2009 0818		Injection Volume:	1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		4100		190	3300
Acenaphthylene		1700	J J ✓	160	3300
Anthracene		8000		130	3300
Benzo[a]anthracene		20000		120	3300
Benzo[a]pyrene		21000		89	3300
Benzo[b]fluoranthene		22000		87	3300
Benzo[g,h,i]perylene		16000		210	3300
Benzo[k]fluoranthene		8400		290	3300
Bis(2-chloroethoxy)methane		3300	U	150	3300
Bis(2-chloroethyl)ether		3300	U	170	3300
Bis(2-ethylhexyl) phthalate		3300	U	320	3300
Butyl benzyl phthalate		3300	U	180	3300
Carbazole		2700	J J ✓	180	3300
Chrysene		19000		240	3300
Di-n-butyl phthalate		3300	U	480	3300
Di-n-octyl phthalate		3300	U	190	3300
4-Bromophenyl phenyl ether		3300	U	210	3300
4-Chloroaniline		3300	U	530	3300
2-Chloronaphthalene		3300	U	140	3300
4-Chlorophenyl phenyl ether		3300	U	240	3300
Dibenz(a,h)anthracene		4200		260	3300
Dibenzofuran		1800	J J ✓	230	3300
Diethyl phthalate		3300	U	330	3300
Dimethyl phthalate		3300	U	190	3300
1,2-Dichlorobenzene		3300	U	190	3300
1,3-Dichlorobenzene		3300	U	160	3300
1,4-Dichlorobenzene		3300	U	190	3300
3,3'-Dichlorobenzidine		8100	U	670	8100
2,4-Dinitrotoluene		3300	U	260	3300
2,6-Dinitrotoluene		3300	U	96	3300
Fluoranthene		43000		160	3300
Fluorene		3400		200	3300
Hexachlorobenzene		3300	U	230	3300
Hexachlorobutadiene		3300	U	250	3300
Hexachlorocyclopentadiene		8100	U	1500	8100
Hexachloroethane		3300	U	190	3300
Indeno[1,2,3-cd]pyrene		16000		210	3300
Isophorone		3300	U	180	3300
2-Methylnaphthalene		1200	J J ✓	94	3300
Naphthalene		3000	J J ✓	170	3300
2-Nitroaniline		21000	U	200	21000
3-Nitroaniline		21000	U	100	21000
Nitrobenzene		3300	U	210	3300
N-Nitrosodi-n-propylamine		3300	U	220	3300
N-Nitrosodiphenylamine		3300	U	180	3300
Phenanthrene		30000		160	3300

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

**Client Sample ID: WWSB-05 (3-5)**

Lab Sample ID: 220-9611-12

Date Sampled: 07/14/2009 1410

Client Matrix: Solid

% Moisture: 18.3

Date Received: 07/16/2009 1800

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29365	Instrument ID: MSA
Preparation:	3541	Prep Batch: 220-29196	Lab File ID: A6305.D
Dilution:	10		Initial Weight/Volume: 15.11 g
Date Analyzed:	07/23/2009 2001		Final Weight/Volume: 1.0 mL
Date Prepared:	07/21/2009 0818		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		38000		150	3300
1,2,4-Trichlorobenzene		3300	U	220	3300
4-Chloro-3-methylphenol		3300	U	130	3300
2-Chlorophenol		3300	U	190	3300
2-Methylphenol		3300	U	200	3300
4-Methylphenol		3300	U	220	3300
2,4-Dichlorophenol		3300	U	170	3300
2,4-Dimethylphenol		3300	U	160	3300
2,4-Dinitrophenol		21000	U	980	21000
4,6-Dinitro-2-methylphenol		21000	U	1400	21000
2-Nitrophenol		3300	U	210	3300
4-Nitrophenol		21000	U	250	21000
Pentachlorophenol		21000	U	2000	21000
Phenol		3300	U	220	3300
2,4,5-Trichlorophenol		21000	U	170	21000
2,4,6-Trichlorophenol		3300	U	90	3300
Benzyl alcohol		3300	U	310	3300
4-Nitroaniline		3300	U	250	3300
2,2'-oxybis[1-chloropropane]		3300	U	170	3300

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	65		41 - 120
2-Fluorophenol	60		34 - 120
2,4,6-Tribromophenol	53		37 - 120
Nitrobenzene-d5	56		38 - 120
Phenol-d5	63		36 - 120
Terphenyl-d14	65		32 - 125

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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

Client Sample ID: WWSB-05 (20-24)

Lab Sample ID: 220-9611-13

Date Sampled: 07/14/2009 1545

Client Matrix: Solid

% Moisture: 28.5

Date Received: 07/16/2009 1800

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29379	Instrument ID:	MSC
Preparation:	3541	Prep Batch: 220-29196	Lab File ID:	C12459.D
Dilution:	2000		Initial Weight/Volume:	15.21 g
Date Analyzed:	07/24/2009 2026		Final Weight/Volume:	4.0 mL
Date Prepared:	07/21/2009 0818		Injection Volume:	1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		590000	J J✓	180000	3000000
Acenaphthylene		6400000		150000	3000000
Anthracene		2200000	J J✓	120000	3000000
Benzo[a]anthracene		1100000	J J✓	110000	3000000
Benzo[a]pyrene		810000	J J✓	81000	3000000
Benzo[b]fluoranthene		540000	J J✓	79000	3000000
Benzo[g,h,i]perylene		280000	J J✓	190000	3000000
Benzo[k]fluoranthene		3000000	U	270000	3000000
Bis(2-chloroethoxy)methane		3000000	U	140000	3000000
Bis(2-chloroethyl)ether		3000000	U	150000	3000000
Bis(2-ethylhexyl) phthalate		3000000	U	290000	3000000
Butyl benzyl phthalate		3000000	U	170000	3000000
Carbazole		3000000	U	170000	3000000
Chrysene		1000000	J J✓	220000	3000000
Di-n-butyl phthalate		3000000	U	430000	3000000
Di-n-octyl phthalate		3000000	U	170000	3000000
4-Bromophenyl phenyl ether		3000000	U	190000	3000000
4-Chloroaniline		3000000	U	480000	3000000
2-Chloronaphthalene		3000000	U	130000	3000000
4-Chlorophenyl phenyl ether		3000000	U	220000	3000000
Dibenz(a,h)anthracene		3000000	U	230000	3000000
Dibenzofuran		370000	J J✓	210000	3000000
Diethyl phthalate		3000000	U	300000	3000000
Dimethyl phthalate		3000000	U	170000	3000000
1,2-Dichlorobenzene		3000000	U	180000	3000000
1,3-Dichlorobenzene		3000000	U	150000	3000000
1,4-Dichlorobenzene		3000000	U	180000	3000000
3,3'-Dichlorobenzidine		740000	U	610000	740000
2,4-Dinitrotoluene		3000000	U	240000	3000000
2,6-Dinitrotoluene		3000000	U	87000	3000000
Fluoranthene		2000000	J J✓	150000	3000000
Fluorene		340000		180000	3000000
Hexachlorobenzene		3000000	U	210000	3000000
Hexachlorobutadiene		3000000	U	230000	3000000
Hexachlorocyclopentadiene		740000	U	1400000	740000
Hexachloroethane		3000000	U	170000	3000000
Indeno[1,2,3-cd]pyrene		280000	J J✓	190000	3000000
Isophorone		3000000	U	160000	3000000
2-Methylnaphthalene		16000000		85000	3000000
Naphthalene		38000000		150000	3000000
2-Nitroaniline		19000000	U	180000	19000000
3-Nitroaniline		19000000	U	95000	19000000
Nitrobenzene		3000000	U	190000	3000000
N-Nitrosodi-n-propylamine		3000000	U	200000	3000000
N-Nitrosodiphenylamine		3000000	U	170000	3000000
Phenanthrene		8300000		150000	3000000

9/25/09  
JL  
ERM  
9/8/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

**Client Sample ID: WWSB-05 (20-24)**

Lab Sample ID: 220-9611-13  
Client Matrix: Solid

% Moisture: 28.5

Date Sampled: 07/14/2009 1545  
Date Received: 07/16/2009 1800

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29379	Instrument ID: MSC
Preparation: 3541	Prep Batch: 220-29196	Lab File ID: C12459.D
Dilution: 2000		Initial Weight/Volume: 15.21 g
Date Analyzed: 07/24/2009 2026		Final Weight/Volume: 4.0 mL
Date Prepared: 07/21/2009 0818		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		2900000	JJ ✓	140000	3000000
1,2,4-Trichlorobenzene		3000000	U	200000	3000000
4-Chloro-3-methylphenol		3000000	U	120000	3000000
2-Chlorophenol		3000000	U	170000	3000000
2-Methylphenol		3000000	U	180000	3000000
4-Methylphenol		3000000	U	200000	3000000
2,4-Dichlorophenol		3000000	U	160000	3000000
2,4-Dimethylphenol		3000000	U	140000	3000000
2,4-Dinitrophenol		19000000	U	890000	19000000
4,6-Dinitro-2-methylphenol		19000000	U	1300000	19000000
2-Nitrophenol		3000000	U	190000	3000000
4-Nitrophenol		19000000	U	230000	19000000
Pentachlorophenol		19000000	U	1800000	19000000
Phenol		3000000	U	200000	3000000
2,4,5-Trichlorophenol		19000000	U	150000	19000000
2,4,6-Trichlorophenol		3000000	U	82000	3000000
Benzyl alcohol		3000000	U	280000	3000000
4-Nitroaniline		3000000	U	230000	3000000
2,2'-oxybis[1-chloropropane]		3000000	U	150000	3000000

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	650	*	41 - 120
2-Fluorophenol	74		34 - 120
2,4,6-Tribromophenol	0	*	37 - 120
Nitrobenzene-d5	90		38 - 120
Phenol-d5	0	*	36 - 120
Terphenyl-d14	112		32 - 125

9/23/09  
 JS  
 EMH  
 9/18/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

**Client Sample ID: WWSB-05**

Lab Sample ID: 220-9611-14  
Client Matrix: Water

Date Sampled: 07/15/2009 0915  
Date Received: 07/16/2009 1800

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29365	Instrument ID: MSA
Preparation: 3510C	Prep Batch: 220-29149	Lab File ID: A6302.D
Dilution: 100		Initial Weight/Volume: 1000 mL
Date Analyzed: 07/23/2009 1843		Final Weight/Volume: 1 mL
Date Prepared: 07/17/2009 1738		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	240	J JV ✓	31	400
Acenaphthylene	57	J JV ✓	34	400
Anthracene	400	U	29	400
Benzo[a]anthracene	400	U	30	400
Benzo[a]pyrene	400	U	35	400
Benzo[b]fluoranthene	400	U	36	400
Benzo[g,h,i]perylene	400	U	36	400
Benzo[k]fluoranthene	400	U	40	400
Bis(2-chloroethoxy)methane	400	U	31	400
Bis(2-chloroethyl)ether	400	U	29	400
Bis(2-ethylhexyl) phthalate	400	U	54	400
Butyl benzyl phthalate	400	U	35	400
Carbazole	400	U	33	400
Chrysene	400	U	25	400
Di-n-butyl phthalate	400	U	35	400
Di-n-octyl phthalate	400	U	38	400
4-Bromophenyl phenyl ether	400	U	44	400
4-Chloroaniline	400	U	29	400
2-Chloronaphthalene	400	U	39	400
4-Chlorophenyl phenyl ether	400	U	35	400
Dibenz(a,h)anthracene	400	U	38	400
Dibenzofuran	400	U	43	400
Diethyl phthalate	400	U	43	400
Dimethyl phthalate	400	U	38	400
1,2-Dichlorobenzene	400	U	31	400
1,3-Dichlorobenzene	400	U	25	400
1,4-Dichlorobenzene	400	U	31	400
3,3'-Dichlorobenzidine	400	U	36	400
2,4-Dinitrotoluene	400	U	40	400
2,6-Dinitrotoluene	400	U	26	400
Fluoranthene	400	U	31	400
Fluorene	86	J JV ✓	26	400
Hexachlorobenzene	400	U	33	400
Hexachlorobutadiene	400	U	20	400
Hexachlorocyclopentadiene	400	U	35	400
Hexachloroethane	400	U	37	400
Indeno[1,2,3-cd]pyrene	400	U	28	400
Isophorone	400	U	31	400
2-Methylnaphthalene	840		27	400
Naphthalene	5200		30	400
2-Nitroaniline	400	U	34	400
3-Nitroaniline	400	U	23	400
Nitrobenzene	400	U	28	400
N-Nitrosodi-n-propylamine	400	U	33	400
N-Nitrosodiphenylamine	400	U	33	400
Phenanthrene	110	J JV ✓	28	400

9/25/09  
 EPA  
 9/8/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

Client Sample ID: **WWSB-05**

Lab Sample ID: 220-9611-14

Date Sampled: 07/15/2009 0915

Client Matrix: Water

Date Received: 07/16/2009 1800

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29365	Instrument ID: MSA
Preparation: 3510C	Prep Batch: 220-29149	Lab File ID: A6302.D
Dilution: 100		Initial Weight/Volume: 1000 mL
Date Analyzed: 07/23/2009 1843		Final Weight/Volume: 1 mL
Date Prepared: 07/17/2009 1738		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	400	U	33	400
1,2,4-Trichlorobenzene	400	U	36	400
4-Chloro-3-methylphenol	500	U	34	500
2-Chlorophenol	400	U	23	400
2-Methylphenol	34	J I ✓	24	400
4-Methylphenol	46	J J ✓	29	400
2,4-Dichlorophenol	400	U	33	400
2,4-Dimethylphenol	400	U	33	400
2,4-Dinitrophenol	2500	U	43	2500
4,6-Dinitro-2-methylphenol	2500	U	190	2500
2-Nitrophenol	400	U	27	400
4-Nitrophenol	1000	U	140	1000
Pentachlorophenol	2500	U	31	2500
Phenol	400	U	19	400
2,4,5-Trichlorophenol	1000	U	28	1000
2,4,6-Trichlorophenol	400	U	37	400
Benzyl alcohol	400	U	41	400
4-Nitroaniline	400	U	20	400
2,2'-oxybis[1-chloropropane]	400	U	25	400

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	60		39 - 120
2-Fluorophenol	29		13 - 120
2,4,6-Tribromophenol	62		36 - 120
Nitrobenzene-d5	61		40 - 120
Phenol-d5	21		10 - 120
Terphenyl-d14	51		10 - 120

9/23/09  
 EM  
 9/8/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

**Client Sample ID: WWSB-07 (3-5)**

Lab Sample ID: 220-9611-15

Date Sampled: 07/15/2009 0930

Client Matrix: Solid

% Moisture: 8.2

Date Received: 07/16/2009 1800

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29365	Instrument ID: MSA
Preparation:	3541	Prep Batch: 220-29196	Lab File ID: A6314.D
Dilution:	1.0		Initial Weight/Volume: 15.01 g
Date Analyzed:	07/23/2009 2358		Final Weight/Volume: 1.0 mL
Date Prepared:	07/21/2009 0818		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		190	J <i>J</i>	17	290
Acenaphthylene		1800		14	290
Anthracene		1200		11	290
Benzo[a]anthracene		1700		10	290
Benzo[a]pyrene		1700		7.9	290
Benzo[b]fluoranthene		2300		7.8	290
Benzo[g,h,i]perylene		960		19	290
Benzo[k]fluoranthene		910		26	290
Bis(2-chloroethoxy)methane		290	U	14	290
Bis(2-chloroethyl)ether		290	U	15	290
Bis(2-ethylhexyl) phthalate		1400		28	290
Butyl benzyl phthalate		290	U	16	290
Carbazole		150	J <i>J</i>	16	290
Chrysene		2100		22	290
Di-n-butyl phthalate		290	U	43	290
Di-n-octyl phthalate		290	U	17	290
4-Bromophenyl phenyl ether		290	U	19	290
4-Chloroaniline		290	U	48	290
2-Chloronaphthalene		290	U	13	290
4-Chlorophenyl phenyl ether		290	U	22	290
Dibenz(a,h)anthracene		340		23	290
Dibenzofuran		140	J <i>J</i>	21	290
Diethyl phthalate		290	U	30	290
Dimethyl phthalate		290	U	17	290
1,2-Dichlorobenzene		290	U	17	290
1,3-Dichlorobenzene		290	U	15	290
1,4-Dichlorobenzene		290	U	17	290
3,3'-Dichlorobenzidine		730	U	60	730
2,4-Dinitrotoluene		290	U	23	290
2,6-Dinitrotoluene		290	U	8.6	290
Fluoranthene		3100		15	290
Fluorene		370		18	290
Hexachlorobenzene		290	U	20	290
Hexachlorobutadiene		290	U	23	290
Hexachlorocyclopentadiene		730	U	140	730
Hexachloroethane		290	U	17	290
Indeno[1,2,3-cd]pyrene		1100		19	290
Isophorone		290	U	16	290
2-Methylnaphthalene		400		8.4	290
Naphthalene		670		15	290
2-Nitroaniline		1800	U	18	1800
3-Nitroaniline		1800	U	9.4	1800
Nitrobenzene		290	U	19	290
N-Nitrosodi-n-propylamine		290	U	20	290
N-Nitrosodiphenylamine		290	U	17	290
Phenanthrene		2300		14	290

9/25/09  
 EP  
 9/28/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

**Client Sample ID: WWSB-07 (3-5)**

Lab Sample ID: 220-9611-15  
Client Matrix: Solid

% Moisture: 8.2

Date Sampled: 07/15/2009 0930  
Date Received: 07/16/2009 1800

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29365	Instrument ID: MSA
Preparation: 3541	Prep Batch: 220-29196	Lab File ID: A6314.D
Dilution: 1.0		Initial Weight/Volume: 15.01 g
Date Analyzed: 07/23/2009 2358		Final Weight/Volume: 1.0 mL
Date Prepared: 07/21/2009 0818		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		1900		14	290
1,2,4-Trichlorobenzene		290	U	19	290
4-Chloro-3-methylphenol		290	U	12	290
2-Chlorophenol		290	U	17	290
2-Methylphenol		290	U	18	290
4-Methylphenol		290	U	19	290
2,4-Dichlorophenol		290	U	16	290
2,4-Dimethylphenol		290	U	14	290
2,4-Dinitrophenol		1800	U	88	1800
4,6-Dinitro-2-methylphenol		1800	U	130	1800
2-Nitrophenol		290	U	18	290
4-Nitrophenol		1800	U	22	1800
Pentachlorophenol		1800	U	180	1800
Phenol		290	U	19	290
2,4,5-Trichlorophenol		1800	U	15	1800
2,4,6-Trichlorophenol		290	U	8.1	290
Benzyl alcohol		290	U	28	290
4-Nitroaniline		290	U	23	290
2,2'-oxybis[1-chloropropane]		290	U	15	290

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	82		41 - 120
2-Fluorophenol	84		34 - 120
2,4,6-Tribromophenol	79		37 - 120
Nitrobenzene-d5	83		38 - 120
Phenol-d5	85		36 - 120
Terphenyl-d14	43		32 - 125

✓

9/25/09  
 ENM  
 9/8/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

**Client Sample ID: WWSB-07**

Lab Sample ID: 220-9611-16  
Client Matrix: Water

Date Sampled: 07/15/2009 1406  
Date Received: 07/16/2009 1800

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29365	Instrument ID: MSA
Preparation:	3510C	Prep Batch: 220-29149	Lab File ID: A6303.D
Dilution:	200		Initial Weight/Volume: 1000 mL
Date Analyzed:	07/23/2009 1909		Final Weight/Volume: 1 mL
Date Prepared:	07/17/2009 1738		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	190	J <span style="color: red;">J</span> ✓	62	800
Acenaphthylene	800	U	68	800
Anthracene	800	U	58	800
Benzo[a]anthracene	800	U	60	800
Benzo[a]pyrene	800	U	70	800
Benzo[b]fluoranthene	800	U	72	800
Benzo[g,h,i]perylene	800	U	72	800
Benzo[k]fluoranthene	800	U	80	800
Bis(2-chloroethoxy)methane	800	U	62	800
Bis(2-chloroethyl)ether	800	U	58	800
Bis(2-ethylhexyl) phthalate	800	U	110	800
Butyl benzyl phthalate	800	U	70	800
Carbazole	800	U	66	800
Chrysene	800	U	50	800
Di-n-butyl phthalate	800	U	70	800
Di-n-octyl phthalate	800	U	76	800
4-Bromophenyl phenyl ether	800	U	88	800
4-Chloroaniline	800	U	58	800
2-Chloronaphthalene	800	U	78	800
4-Chlorophenyl phenyl ether	800	U	70	800
Dibenz(a,h)anthracene	800	U	76	800
Dibenzofuran	800	U	86	800
Diethyl phthalate	800	U	86	800
Dimethyl phthalate	800	U	76	800
1,2-Dichlorobenzene	800	U	62	800
1,3-Dichlorobenzene	800	U	50	800
1,4-Dichlorobenzene	800	U	62	800
3,3'-Dichlorobenzidine	800	U	72	800
2,4-Dinitrotoluene	800	U	80	800
2,6-Dinitrotoluene	800	U	52	800
Fluoranthene	800	U	62	800
Fluorene	800	U	52	800
Hexachlorobenzene	800	U	66	800
Hexachlorobutadiene	800	U	40	800
Hexachlorocyclopentadiene	800	U	70	800
Hexachloroethane	800	U	74	800
Indeno[1,2,3-cd]pyrene	800	U	56	800
Isophorone	800	U	62	800
2-Methylnaphthalene	940		54	800
Naphthalene	8700		60	800
2-Nitroaniline	800	U	68	800
3-Nitroaniline	800	U	46	800
Nitrobenzene	800	U	56	800
N-Nitrosodi-n-propylamine	800	U	66	800
N-Nitrosodiphenylamine	800	U	66	800
Phenanthrene	800	U	56	800

9/25/09  
EJM  
9/8/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

**Client Sample ID: WWSB-07**

Lab Sample ID: 220-9611-16

Date Sampled: 07/15/2009 1406

Client Matrix: Water

Date Received: 07/16/2009 1800

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29365	Instrument ID: MSA
Preparation: 3510C	Prep Batch: 220-29149	Lab File ID: A6303.D
Dilution: 200		Initial Weight/Volume: 1000 mL
Date Analyzed: 07/23/2009 1909		Final Weight/Volume: 1 mL
Date Prepared: 07/17/2009 1738		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	800	U	66	800
1,2,4-Trichlorobenzene	800	U	72	800
4-Chloro-3-methylphenol	1000	U	68	1000
2-Chlorophenol	800	U	46	800
2-Methylphenol	800	U	48	800
4-Methylphenol	800	U	58	800
2,4-Dichlorophenol	800	U	66	800
2,4-Dimethylphenol	800	U	66	800
2,4-Dinitrophenol	5000	U	86	5000
4,6-Dinitro-2-methylphenol	5000	U	370	5000
2-Nitrophenol	800	U	54	800
4-Nitrophenol	2000	U	290	2000
Pentachlorophenol	5000	U	62	5000
Phenol	800	U	38	800
2,4,5-Trichlorophenol	2000	U	56	2000
2,4,6-Trichlorophenol	800	U	74	800
Benzyl alcohol	800	U	82	800
4-Nitroaniline	800	U	40	800
2,2'-oxybis[1-chloropropane]	800	U	50	800

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	64		39 - 120
2-Fluorophenol	36		13 - 120
2,4,6-Tribromophenol	36		36 - 120
Nitrobenzene-d5	47		40 - 120
Phenol-d5	18		10 - 120
Terphenyl-d14	53		10 - 120

9/23/09  
 EMM  
 9/21/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

**Client Sample ID: WWSB-10 (49-50)**

Lab Sample ID: 220-9611-17

Date Sampled: 07/15/2009 1040

Client Matrix: Solid

% Moisture: 16.3

Date Received: 07/16/2009 1800

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29379	Instrument ID: MSC
Preparation:	3541	Prep Batch: 220-29196	Lab File ID: C12458.D
Dilution:	200		Initial Weight/Volume: 15.05 g
Date Analyzed:	07/24/2009 1959		Final Weight/Volume: 1.0 mL
Date Prepared:	07/21/2009 0818		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		20000	J J ✓	3800	64000
Acenaphthylene		220000		3100	64000
Anthracene		77000		2500	64000
Benzo[a]anthracene		39000	J J ✓	2300	64000
Benzo[a]pyrene		29000	J J ✓	1700	64000
Benzo[b]fluoranthene		19000	J J ✓	1700	64000
Benzo[g,h,i]perylene		11000	J J ✓	4200	64000
Benzo[k]fluoranthene		6400	J J ✓	5800	64000
Bis(2-chloroethoxy)methane		64000	U	3000	64000
Bis(2-chloroethyl)ether		64000	U	3300	64000
Bis(2-ethylhexyl) phthalate		64000	U	6200	64000
Butyl benzyl phthalate		64000	U	3600	64000
Carbazole		64000	U	3600	64000
Chrysene		36000	J J ✓	4700	64000
Di-n-butyl phthalate		64000	U	9300	64000
Di-n-octyl phthalate		64000	U	3600	64000
4-Bromophenyl phenyl ether		64000	U	4100	64000
4-Chloroaniline		64000	U	10000	64000
2-Chloronaphthalene		64000	U	2700	64000
4-Chlorophenyl phenyl ether		64000	U	4700	64000
Dibenz(a,h)anthracene		64000	U	5100	64000
Dibenzofuran		15000	J J ✓	4500	64000
Diethyl phthalate		64000	U	6500	64000
Dimethyl phthalate		64000	U	3700	64000
1,2-Dichlorobenzene		64000	U	3800	64000
1,3-Dichlorobenzene		64000	U	3200	64000
1,4-Dichlorobenzene		64000	U	3800	64000
3,3'-Dichlorobenzidine		160000	U	13000	160000
2,4-Dinitrotoluene		64000	U	5100	64000
2,6-Dinitrotoluene		64000	U	1900	64000
Fluoranthene		69000		3200	64000
Fluorene		110000		3900	64000
Hexachlorobenzene		64000	U	4500	64000
Hexachlorobutadiene		64000	U	5000	64000
Hexachlorocyclopentadiene		160000	U	30000	160000
Hexachloroethane		64000	U	3700	64000
Indeno[1,2,3-cd]pyrene		10000	J J ✓	4200	64000
Isophorone		64000	U	3500	64000
2-Methylnaphthalene		550000		1800	64000
Naphthalene		1200000		3300	64000
2-Nitroaniline		400000	U	3900	400000
3-Nitroaniline		400000	U	2000	400000
Nitrobenzene		64000	U	4100	64000
N-Nitrosodi-n-propylamine		64000	U	4300	64000
N-Nitrosodiphenylamine		64000	U	3600	64000
Phenanthrene		290000		3200	64000

9/25/09  
 9/18/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

**Client Sample ID: WWSB-10 (49-50)**

Lab Sample ID: 220-9611-17  
Client Matrix: Solid

% Moisture: 16.3

Date Sampled: 07/15/2009 1040  
Date Received: 07/16/2009 1800

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29379	Instrument ID: MSC
Preparation: 3541	Prep Batch: 220-29196	Lab File ID: C12458.D
Dilution: 200		Initial Weight/Volume: 15.05 g
Date Analyzed: 07/24/2009 1959		Final Weight/Volume: 1.0 mL
Date Prepared: 07/21/2009 0818		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		110000		3000	64000
1,2,4-Trichlorobenzene		64000	U	4200	64000
4-Chloro-3-methylphenol		64000	U	2600	64000
2-Chlorophenol		64000	U	3700	64000
2-Methylphenol		64000	U	3900	64000
4-Methylphenol		64000	U	4200	64000
2,4-Dichlorophenol		64000	U	3400	64000
2,4-Dimethylphenol		64000	U	3100	64000
2,4-Dinitrophenol		400000	U	19000	400000
4,6-Dinitro-2-methylphenol		400000	U	28000	400000
2-Nitrophenol		64000	U	4000	64000
4-Nitrophenol		400000	U	4900	400000
Pentachlorophenol		400000	U	39000	400000
Phenol		64000	U	4300	64000
2,4,5-Trichlorophenol		400000	U	3200	400000
2,4,6-Trichlorophenol		64000	U	1800	64000
Benzyl alcohol		64000	U	6100	64000
4-Nitroaniline		64000	U	4900	64000
2,2'-oxybis[1-chloropropane]		64000	U	3300	64000

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	82		41 - 120
2-Fluorophenol	61		34 - 120
2,4,6-Tribromophenol	48		37 - 120
Nitrobenzene-d5	107		38 - 120
Phenol-d5	57		36 - 120
Terphenyl-d14	69		32 - 125


  
 9/25/07  
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 9/18/07



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

**Client Sample ID: WWSB-10 (51-52)**

Lab Sample ID: 220-9611-18

Date Sampled: 07/15/2009 1040

Client Matrix: Solid

% Moisture: 19.0

Date Received: 07/16/2009 1800

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29365	Instrument ID: MSA
Preparation:	3541	Prep Batch: 220-29196	Lab File ID: A6308.D
Dilution:	5.0		Initial Weight/Volume: 15.10 g
Date Analyzed:	07/23/2009 2121		Final Weight/Volume: 1.0 mL
Date Prepared:	07/21/2009 0818		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		210	J <i>J</i> ✓	98	1700
Acenaphthylene		1700	U	81	1700
Anthracene		1700	U	64	1700
Benzo[a]anthracene		1700	U	59	1700
Benzo[a]pyrene		1700	U	45	1700
Benzo[b]fluoranthene		1700	U	44	1700
Benzo[g,h,i]perylene		1700	U	110	1700
Benzo[k]fluoranthene		1700	U	150	1700
Bis(2-chloroethoxy)methane		1700	U	77	1700
Bis(2-chloroethyl)ether		1700	U	86	1700
Bis(2-ethylhexyl) phthalate		360	J <i>J</i> ✓	160	1700
Butyl benzyl phthalate		1700	U	93	1700
Carbazole		1700	U	92	1700
Chrysene		1700	U	120	1700
Di-n-butyl phthalate		1700	U	240	1700
Di-n-octyl phthalate		1700	U	94	1700
4-Bromophenyl phenyl ether		1700	U	110	1700
4-Chloroaniline		1700	U	270	1700
2-Chloronaphthalene		1700	U	71	1700
4-Chlorophenyl phenyl ether		1700	U	120	1700
Dibenz(a,h)anthracene		1700	U	130	1700
Dibenzofuran		1700	U	120	1700
Diethyl phthalate		1700	U	170	1700
Dimethyl phthalate		1700	U	95	1700
1,2-Dichlorobenzene		1700	U	98	1700
1,3-Dichlorobenzene		1700	U	83	1700
1,4-Dichlorobenzene		1700	U	98	1700
3,3'-Dichlorobenzidine		4100	U	340	4100
2,4-Dinitrotoluene		1700	U	130	1700
2,6-Dinitrotoluene		1700	U	48	1700
Fluoranthene		1700	U	82	1700
Fluorene		1700	U	99	1700
Hexachlorobenzene		1700	U	110	1700
Hexachlorobutadiene		1700	U	130	1700
Hexachlorocyclopentadiene		4100	U	780	4100
Hexachloroethane		1700	U	94	1700
Indeno[1,2,3-cd]pyrene		1700	U	110	1700
Isophorone		1700	U	91	1700
2-Methylnaphthalene		2300		47	1700
Naphthalene		21000		86	1700
2-Nitroaniline		10000	U	100	10000
3-Nitroaniline		10000	U	53	10000
Nitrobenzene		1700	U	110	1700
N-Nitrosodi-n-propylamine		1700	U	110	1700
N-Nitrosodiphenylamine		1700	U	93	1700
Phenanthrene		1700	U	82	1700

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 9/18/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

**Client Sample ID: WWSB-10 (51-52)**

Lab Sample ID: 220-9611-18  
Client Matrix: Solid

% Moisture: 19.0

Date Sampled: 07/15/2009 1040  
Date Received: 07/16/2009 1800

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29365	Instrument ID: MSA
Preparation: 3541	Prep Batch: 220-29196	Lab File ID: A6308.D
Dilution: 5.0		Initial Weight/Volume: 15.10 g
Date Analyzed: 07/23/2009 2121		Final Weight/Volume: 1.0 mL
Date Prepared: 07/21/2009 0818		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		1700	U	78	1700
1,2,4-Trichlorobenzene		1700	U	110	1700
4-Chloro-3-methylphenol		1700	U	68	1700
2-Chlorophenol		1700	U	96	1700
2-Methylphenol		550	J J ✓	99	1700
4-Methylphenol		520	J J ✓	110	1700
2,4-Dichlorophenol		1700	U	88	1700
2,4-Dimethylphenol		750	J J ✓	80	1700
2,4-Dinitrophenol		10000	U	500	10000
4,6-Dinitro-2-methylphenol		10000	U	710	10000
2-Nitrophenol		1700	U	100	1700
4-Nitrophenol		10000	U	130	10000
Pentachlorophenol		10000	U	1000	10000
Phenol		1700	U	110	1700
2,4,5-Trichlorophenol		10000	U	83	10000
2,4,6-Trichlorophenol		1700	U	45	1700
Benzyl alcohol		1700	U	160	1700
4-Nitroaniline		1700	U	130	1700
2,2'-oxybis[1-chloropropane]		1700	U	86	1700

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	64		41 - 120
2-Fluorophenol	61		34 - 120
2,4,6-Tribromophenol	72		37 - 120
Nitrobenzene-d5	57		38 - 120
Phenol-d5	64		36 - 120
Terphenyl-d14	69		32 - 125

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

**Client Sample ID: WWSB-24 (53-55)**

Lab Sample ID: 220-9611-19  
Client Matrix: Solid

% Moisture: 18.1

Date Sampled: 07/16/2009 1330  
Date Received: 07/16/2009 1800

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29316	Instrument ID: MSA
Preparation: 3541	Prep Batch: 220-29196	Lab File ID: A6275.D
Dilution: 1.0		Initial Weight/Volume: 15.17 g
Date Analyzed: 07/22/2009 1836		Final Weight/Volume: 1.0 mL
Date Prepared: 07/21/2009 0818		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		330	U	19	330
Acenaphthylene		330	U	16	330
Anthracene		330	U	13	330
Benzo[a]anthracene		330	U	12	330
Benzo[a]pyrene		330	U	8.8	330
Benzo[b]fluoranthene		330	U	8.7	330
Benzo[g,h,i]perylene		330	U	21	330
Benzo[k]fluoranthene		330	U	29	330
Bis(2-chloroethoxy)methane		330	U	15	330
Bis(2-chloroethyl)ether		330	U	17	330
Bis(2-ethylhexyl) phthalate		38	J ✓	32	330
Butyl benzyl phthalate		330	U	18	330
Carbazole		330	U	18	330
Chrysene		330	U	24	330
Di-n-butyl phthalate		330	U	47	330
Di-n-octyl phthalate		330	U	18	330
4-Bromophenyl phenyl ether		330	U	21	330
4-Chloroaniline		330	U	53	330
2-Chloronaphthalene		330	U	14	330
4-Chlorophenyl phenyl ether		330	U	24	330
Dibenz(a,h)anthracene		330	U	26	330
Dibenzofuran		330	U	23	330
Diethyl phthalate		330	U	33	330
Dimethyl phthalate		330	U	19	330
1,2-Dichlorobenzene		330	U	19	330
1,3-Dichlorobenzene		330	U	16	330
1,4-Dichlorobenzene		330	U	19	330
3,3'-Dichlorobenzidine		810	U	67	810
2,4-Dinitrotoluene		330	U	26	330
2,6-Dinitrotoluene		330	U	9.5	330
Fluoranthene		330	U	16	330
Fluorene		330	U	20	330
Hexachlorobenzene		330	U	23	330
Hexachlorobutadiene		330	U	25	330
Hexachlorocyclopentadiene		810	U	150	810
Hexachloroethane		330	U	19	330
Indeno[1,2,3-cd]pyrene		330	U	21	330
Isophorone		330	U	18	330
2-Methylnaphthalene		330	U	9.3	330
Naphthalene		330	U	17	330
2-Nitroaniline		2100	U	20	2100
3-Nitroaniline		2100	U	10	2100
Nitrobenzene		330	U	21	330
N-Nitrosodi-n-propylamine		330	U	22	330
N-Nitrosodiphenylamine		330	U	18	330
Phenanthrene		330	U	16	330

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

**Client Sample ID: WWSB-24 (53-55)**

Lab Sample ID: 220-9611-19

Date Sampled: 07/16/2009 1330

Client Matrix: Solid

% Moisture: 18.1

Date Received: 07/16/2009 1800

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29316	Instrument ID: MSA
Preparation:	3541	Prep Batch: 220-29196	Lab File ID: A6275.D
Dilution:	1.0		Initial Weight/Volume: 15.17 g
Date Analyzed:	07/22/2009 1836		Final Weight/Volume: 1.0 mL
Date Prepared:	07/21/2009 0818		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		330	U	15	330
1,2,4-Trichlorobenzene		330	U	21	330
4-Chloro-3-methylphenol		330	U	13	330
2-Chlorophenol		330	U	19	330
2-Methylphenol		330	U	20	330
4-Methylphenol		330	U	21	330
2,4-Dichlorophenol		330	U	17	330
2,4-Dimethylphenol		330	U	16	330
2,4-Dinitrophenol		2100	U	98	2100
4,6-Dinitro-2-methylphenol		2100	U	140	2100
2-Nitrophenol		330	U	21	330
4-Nitrophenol		2100	U	25	2100
Pentachlorophenol		2100	U	200	2100
Phenol		230	J	22	330
2,4,5-Trichlorophenol		2100	U	16	2100
2,4,6-Trichlorophenol		330	U	8.9	330
Benzyl alcohol		330	U	31	330
4-Nitroaniline		330	U	25	330
2,2'-oxybis[1-chloropropane]		330	U	17	330



Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	67		41 - 120
2-Fluorophenol	73		34 - 120
2,4,6-Tribromophenol	78		37 - 120
Nitrobenzene-d5	69		38 - 120
Phenol-d5	74		36 - 120
Terphenyl-d14	91		32 - 125

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

**Client Sample ID: WWSB-23 (1-4)**

Lab Sample ID: 220-9611-22

Date Sampled: 07/16/2009 1100

Client Matrix: Solid

% Moisture: 22.0

Date Received: 07/16/2009 1800

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29365	Instrument ID: MSA
Preparation:	3541	Prep Batch: 220-29196	Lab File ID: A6309.D
Dilution:	5.0		Initial Weight/Volume: 15.28 g
Date Analyzed:	07/23/2009 2147		Final Weight/Volume: 1.0 mL
Date Prepared:	07/21/2009 0818		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		2100		100	1700
Acenaphthylene		8600		83	1700
Anthracene		4400		66	1700
Benzo[a]anthracene		11000		60	1700
Benzo[a]pyrene		9600		46	1700
Benzo[b]fluoranthene		10000		45	1700
Benzo[g,h,i]perylene		10000		110	1700
Benzo[k]fluoranthene		4300		150	1700
Bis(2-chloroethoxy)methane		1700	U	79	1700
Bis(2-chloroethyl)ether		1700	U	88	1700
Bis(2-ethylhexyl) phthalate		1700		160	1700
Butyl benzyl phthalate		1700	U	95	1700
Carbazole		510	J J ✓	94	1700
Chrysene		11000		130	1700
Di-n-butyl phthalate		1700	U	250	1700
Di-n-octyl phthalate		1700	U	96	1700
4-Bromophenyl phenyl ether		1700	U	110	1700
4-Chloroaniline		1700	U	280	1700
2-Chloronaphthalene		1700	U	72	1700
4-Chlorophenyl phenyl ether		1700	U	130	1700
Dibenz(a,h)anthracene		3700		130	1700
Dibenzofuran		970	J J ✓	120	1700
Diethyl phthalate		1700	U	170	1700
Dimethyl phthalate		1700	U	98	1700
1,2-Dichlorobenzene		1700	U	100	1700
1,3-Dichlorobenzene		1700	U	85	1700
1,4-Dichlorobenzene		1700	U	100	1700
3,3'-Dichlorobenzidine		4200	U	350	4200
2,4-Dinitrotoluene		1700	U	140	1700
2,6-Dinitrotoluene		1700	U	50	1700
Fluoranthene		13000		84	1700
Fluorene		4200		100	1700
Hexachlorobenzene		1700	U	120	1700
Hexachlorobutadiene		1700	U	130	1700
Hexachlorocyclopentadiene		4200	U	800	4200
Hexachloroethane		1700	U	97	1700
Indeno[1,2,3-cd]pyrene		10000		110	1700
Isophorone		1700	U	94	1700
2-Methylnaphthalene		3700		48	1700
Naphthalene		6300		88	1700
2-Nitroaniline		11000	U	100	11000
3-Nitroaniline		11000	U	54	11000
Nitrobenzene		1700	U	110	1700
N-Nitrosodi-n-propylamine		1700	U	110	1700
N-Nitrosodiphenylamine		1700	U	96	1700
Phenanthrene		10000		84	1700

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

**Client Sample ID: WWSB-23 (1-4)**

Lab Sample ID: 220-9611-22  
Client Matrix: Solid

% Moisture: 22.0

Date Sampled: 07/16/2009 1100  
Date Received: 07/16/2009 1800

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29365	Instrument ID: MSA
Preparation: 3541	Prep Batch: 220-29196	Lab File ID: A6309.D
Dilution: 5.0		Initial Weight/Volume: 15.28 g
Date Analyzed: 07/23/2009 2147		Final Weight/Volume: 1.0 mL
Date Prepared: 07/21/2009 0818		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		22000		80	1700
1,2,4-Trichlorobenzene		1700	U	110	1700
4-Chloro-3-methylphenol		1700	U	70	1700
2-Chlorophenol		1700	U	99	1700
2-Methylphenol		1700	U	100	1700
4-Methylphenol		1700	U	110	1700
2,4-Dichlorophenol		1700	U	91	1700
2,4-Dimethylphenol		1700	U	82	1700
2,4-Dinitrophenol		11000	U	510	11000
4,6-Dinitro-2-methylphenol		11000	U	730	11000
2-Nitrophenol		1700	U	110	1700
4-Nitrophenol		11000	U	130	11000
Pentachlorophenol		11000	U	1000	11000
Phenol		1700	U	110	1700
2,4,5-Trichlorophenol		11000	U	86	11000
2,4,6-Trichlorophenol		1700	U	47	1700
Benzyl alcohol		1700	U	160	1700
4-Nitroaniline		1700	U	130	1700
2,2'-oxybis[1-chloropropane]		1700	U	88	1700

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	73		41 - 120
2-Fluorophenol	65		34 - 120
2,4,6-Tribromophenol	78		37 - 120
Nitrobenzene-d5	61		38 - 120
Phenol-d5	72		36 - 120
Terphenyl-d14	69		32 - 125

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

**Client Sample ID: WWSB-24 (4-5)**

Lab Sample ID: 220-9611-23  
Client Matrix: Solid

% Moisture: 14.9

Date Sampled: 07/16/2009 1050  
Date Received: 07/16/2009 1800

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29835	Instrument ID: MSA
Preparation:	3541	Prep Batch: 220-29198	Lab File ID: A6525.D
Dilution:	1.0		Initial Weight/Volume: 15.19 g
Date Analyzed:	08/06/2009 1246		Final Weight/Volume: 1.0 mL
Date Prepared:	07/21/2009 0942		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		160	J ✓	19	310
Acenaphthylene		2100		15	310
Anthracene		740		12	310
Benzo[a]anthracene		2400		11	310
Benzo[a]pyrene		4000		8.5	310
Benzo[b]fluoranthene		3700		8.4	310
Benzo[g,h,i]perylene		3100		20	310
Benzo[k]fluoranthene		1300		28	310
Bis(2-chloroethoxy)methane		310	U	15	310
Bis(2-chloroethyl)ether		310	U	16	310
Bis(2-ethylhexyl) phthalate		76	J ✓	30	310
Butyl benzyl phthalate		310	U	18	310
Carbazole		230	J ✓	17	310
Chrysene		2400		23	310
Di-n-butyl phthalate		310	U	45	310
Di-n-octyl phthalate		310	U	18	310
4-Bromophenyl phenyl ether		310	U	20	310
4-Chloroaniline		310	U	51	310
2-Chloronaphthalene		310	U	13	310
4-Chlorophenyl phenyl ether		310	U	23	310
Dibenz(a,h)anthracene		930		25	310
Dibenzofuran		180	J ✓	22	310
Diethyl phthalate		310	U	32	310
Dimethyl phthalate		310	U	18	310
1,2-Dichlorobenzene		310	U	19	310
1,3-Dichlorobenzene		310	U	16	310
1,4-Dichlorobenzene		310	U	19	310
3,3'-Dichlorobenzidine		780	U	64	780
2,4-Dinitrotoluene		310	U	25	310
2,6-Dinitrotoluene		310	U	9.2	310
Fluoranthene		2700		16	310
Fluorene		300	J ✓	19	310
Hexachlorobenzene		310	U	22	310
Hexachlorobutadiene		310	U	24	310
Hexachlorocyclopentadiene		780	U	150	780
Hexachloroethane		310	U	18	310
Indeno[1,2,3-cd]pyrene		3400		20	310
Isophorone		310	U	17	310
2-Methylnaphthalene		360	B ✓	8.9	310
Naphthalene	7000	<del>700</del>	B ✓	16	310
2-Nitroaniline		2000	U	19	2000
3-Nitroaniline		2000	U	10	2000
Nitrobenzene		310	U	20	310
N-Nitrosodi-n-propylamine		310	U	21	310
N-Nitrosodiphenylamine		310	U	18	310
Phenanthrene		1900		15	310

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

Client Sample ID: **WWSB-24 (4-5)**

Lab Sample ID: 220-9611-23  
Client Matrix: Solid

% Moisture: 14.9

Date Sampled: 07/16/2009 1050  
Date Received: 07/16/2009 1800

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29835	Instrument ID: MSA
Preparation: 3541	Prep Batch: 220-29198	Lab File ID: A6525.D
Dilution: 1.0		Initial Weight/Volume: 15.19 g
Date Analyzed: 08/06/2009 1246		Final Weight/Volume: 1.0 mL
Date Prepared: 07/21/2009 0942		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		3100		15	310
1,2,4-Trichlorobenzene		310	U	21	310
4-Chloro-3-methylphenol		310	U	13	310
2-Chlorophenol		310	U	18	310
2-Methylphenol		310	U	19	310
4-Methylphenol		310	U	21	310
2,4-Dichlorophenol		310	U	17	310
2,4-Dimethylphenol		310	U	15	310
2,4-Dinitrophenol		2000	U	94	2000
4,6-Dinitro-2-methylphenol		2000	U	130	2000
2-Nitrophenol		310	U	20	310
4-Nitrophenol		2000	U	24	2000
Pentachlorophenol		2000	U	190	2000
Phenol		310	U	21	310
2,4,5-Trichlorophenol		2000	U	16	2000
2,4,6-Trichlorophenol		310	U	8.6	310
Benzyl alcohol		310	U	30	310
4-Nitroaniline		310	U	24	310
2,2'-oxybis[1-chloropropane]		310	U	16	310

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	72		41 - 120
2-Fluorophenol	46		34 - 120
2,4,6-Tribromophenol	78		37 - 120
Nitrobenzene-d5	71		38 - 120
Phenol-d5	70		36 - 120
Terphenyl-d14	67		32 - 125

9/28/09

EMM  
9/18/09





## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

**Client Sample ID: WWSB-24 (38-40)**

Lab Sample ID: 220-9611-24  
Client Matrix: Solid

% Moisture: 23.1

Date Sampled: 07/16/2009 1320  
Date Received: 07/16/2009 1800

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29379	Instrument ID: MSC	
Preparation: 3541	Prep Batch: 220-29198	Lab File ID: C12454.D	
Dilution: 500		Initial Weight/Volume: 15.02 g	
Date Analyzed: 07/24/2009 1811		Final Weight/Volume: 1.0 mL	
Date Prepared: 07/21/2009 0942		Injection Volume: 1.0 uL	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		220000		8200	180000
1,2,4-Trichlorobenzene		180000	U	11000	180000
4-Chloro-3-methylphenol		180000	U	7200	180000
2-Chlorophenol		180000	U	10000	180000
2-Methylphenol		180000	U	11000	180000
4-Methylphenol		180000	U	11000	180000
2,4-Dichlorophenol		180000	U	9400	180000
2,4-Dimethylphenol		180000	U	8500	180000
2,4-Dinitrophenol		1100000	U	53000	1100000
4,6-Dinitro-2-methylphenol		1100000	U	75000	1100000
2-Nitrophenol		180000	U	11000	180000
4-Nitrophenol		1100000	U	13000	1100000
Pentachlorophenol		1100000	U	110000	1100000
Phenol		180000	U	12000	180000
2,4,5-Trichlorophenol		1100000	U	8800	1100000
2,4,6-Trichlorophenol		180000	U	4800	180000
Benzyl alcohol		180000	U	17000	180000
4-Nitroaniline		180000	U	13000	180000
2,2'-oxybis[1-chloropropane]		180000	U	9100	180000

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	101		41 - 120
2-Fluorophenol	79		34 - 120
2,4,6-Tribromophenol	54		37 - 120
Nitrobenzene-d5	103		38 - 120
Phenol-d5	74		36 - 120
Terphenyl-d14	116		32 - 125

9/28/09  
 X  
 EFW  
 9/18/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

Client Sample ID: **WWSB-07 (19-22)**

Lab Sample ID: 220-9611-25  
Client Matrix: Solid

% Moisture: 26.5

Date Sampled: 07/15/2009 1050  
Date Received: 07/16/2009 1800

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29379	Instrument ID: MSC
Preparation: 3541	Prep Batch: 220-29198	Lab File ID: C12455.D
Dilution: 200		Initial Weight/Volume: 15.10 g
Date Analyzed: 07/24/2009 1838		Final Weight/Volume: 1.0 mL
Date Prepared: 07/21/2009 0942		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		18000	J J ✓	4300	73000
Acenaphthylene		180000		3600	73000
Anthracene		51000	J J ✓	2800	73000
Benzo[a]anthracene		27000	J J P ✓	2600	73000
Benzo[a]pyrene		20000	J J P ✓	2000	73000
Benzo[b]fluoranthene		14000	J J P ✓	1900	73000
Benzo[g,h,i]perylene		8000	J J ✓	4800	73000
Benzo[k]fluoranthene		73000	U	6500	73000
Bis(2-chloroethoxy)methane		73000	U	3400	73000
Bis(2-chloroethyl)ether		73000	U	3800	73000
Bis(2-ethylhexyl) phthalate		73000	U	7100	73000
Butyl benzyl phthalate		73000	U	4100	73000
Carbazole		73000	U	4100	73000
Chrysene		26000	J J ✓	5400	73000
Di-n-butyl phthalate		73000	U	11000	73000
Di-n-octyl phthalate		73000	U	4100	73000
4-Bromophenyl phenyl ether		73000	U	4700	73000
4-Chloroaniline		73000	U	12000	73000
2-Chloronaphthalene		73000	U	3100	73000
4-Chlorophenyl phenyl ether		73000	U	5400	73000
Dibenz(a,h)anthracene		73000	U	5700	73000
Dibenzofuran		9600	J J ✓	5100	73000
Diethyl phthalate		73000	U	7400	73000
Dimethyl phthalate		73000	U	4200	73000
1,2-Dichlorobenzene		73000	U	4300	73000
1,3-Dichlorobenzene		73000	U	3600	73000
1,4-Dichlorobenzene		73000	U	4300	73000
3,3'-Dichlorobenzidine		180000	U	15000	180000
2,4-Dinitrotoluene		73000	U	5800	73000
2,6-Dinitrotoluene		73000	U	2100	73000
Fluoranthene		48000	J J ✓	3600	73000
Fluorene		80000		4400	73000
Hexachlorobenzene		73000	U	5100	73000
Hexachlorobutadiene		73000	U	5600	73000
Hexachlorocyclopentadiene		180000	U	34000	180000
Hexachloroethane		73000	U	4200	73000
Indeno[1,2,3-cd]pyrene		7800	J J ✓	4700	73000
Isophorone		73000	U	4000	73000
2-Methylnaphthalene		430000	B ✓	2100	73000
Naphthalene		1200000	B ✓	3800	73000
2-Nitroaniline		460000	U	4400	460000
3-Nitroaniline		460000	U	2300	460000
Nitrobenzene		73000	U	4600	73000
N-Nitrosodi-n-propylamine		73000	U	4900	73000
N-Nitrosodiphenylamine		73000	U	4100	73000
Phenanthrene		180000		3600	73000

9/28/09  
 ERM  
 9/18/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

**Client Sample ID: WWSB-07 (19-22)**

Lab Sample ID: 220-9611-25

Date Sampled: 07/15/2009 1050

Client Matrix: Solid

% Moisture: 26.5

Date Received: 07/16/2009 1800

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29379	Instrument ID: MSC
Preparation: 3541	Prep Batch: 220-29198	Lab File ID: C12455.D
Dilution: 200		Initial Weight/Volume: 15.10 g
Date Analyzed: 07/24/2009 1838		Final Weight/Volume: 1.0 mL
Date Prepared: 07/21/2009 0942		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		73000	J ✓	3400	73000
1,2,4-Trichlorobenzene		73000	U	4800	73000
4-Chloro-3-methylphenol		73000	U	3000	73000
2-Chlorophenol		73000	U	4200	73000
2-Methylphenol		73000	U	4400	73000
4-Methylphenol		73000	U	4800	73000
2,4-Dichlorophenol		73000	U	3900	73000
2,4-Dimethylphenol		73000	U	3500	73000
2,4-Dinitrophenol		460000	U	22000	460000
4,6-Dinitro-2-methylphenol		460000	U	31000	460000
2-Nitrophenol		73000	U	4600	73000
4-Nitrophenol		460000	U	5500	460000
Pentachlorophenol		460000	U	44000	460000
Phenol		73000	U	4800	73000
2,4,5-Trichlorophenol		460000	U	3700	460000
2,4,6-Trichlorophenol		73000	U	2000	73000
Benzyl alcohol		73000	U	6900	73000
4-Nitroaniline		73000	U	5600	73000
2,2'-oxybis[1-chloropropane]		73000	U	3800	73000

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	80		41 - 120
2-Fluorophenol	57		34 - 120
2,4,6-Tribromophenol	63		37 - 120
Nitrobenzene-d5	68		38 - 120
Phenol-d5	63		36 - 120
Terphenyl-d14	85		32 - 125

9/28/09  
JL

EMM  
9/18/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

**Client Sample ID: WWFB-071709**

Lab Sample ID: 220-9611-26FB

Date Sampled: 07/17/2009 1030

Client Matrix: Water

Date Received: 07/17/2009 1344

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29267	Instrument ID: MSA
Preparation:	3510C	Prep Batch: 220-29149	Lab File ID: A6249.D
Dilution:	1.0		Initial Weight/Volume: 920 mL
Date Analyzed:	07/21/2009 1654		Final Weight/Volume: 1 mL
Date Prepared:	07/17/2009 1738		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	4.3	U	0.34	4.3
Acenaphthylene	4.3	U	0.37	4.3
Anthracene	4.3	U	0.32	4.3
Benzo[a]anthracene	4.3	U	0.33	4.3
Benzo[a]pyrene	4.3	U	0.38	4.3
Benzo[b]fluoranthene	4.3	U	0.39	4.3
Benzo[g,h,i]perylene	4.3	U	0.39	4.3
Benzo[k]fluoranthene	4.3	U	0.43	4.3
Bis(2-chloroethoxy)methane	4.3	U	0.34	4.3
Bis(2-chloroethyl)ether	4.3	U	0.32	4.3
Bis(2-ethylhexyl) phthalate	4.3	U	0.59	4.3
Butyl benzyl phthalate	4.3	U	0.38	4.3
Carbazole	4.3	U	0.36	4.3
Chrysene	4.3	U	0.27	4.3
Di-n-butyl phthalate	4.3	U	0.38	4.3
Di-n-octyl phthalate	4.3	U	0.41	4.3
4-Bromophenyl phenyl ether	4.3	U	0.48	4.3
4-Chloroaniline	4.3	U	0.32	4.3
2-Chloronaphthalene	4.3	U	0.42	4.3
4-Chlorophenyl phenyl ether	4.3	U	0.38	4.3
Dibenz(a,h)anthracene	4.3	U	0.41	4.3
Dibenzofuran	4.3	U	0.47	4.3
Diethyl phthalate	4.3	U	0.47	4.3
Dimethyl phthalate	4.3	U	0.41	4.3
1,2-Dichlorobenzene	4.3	U	0.34	4.3
1,3-Dichlorobenzene	4.3	U	0.27	4.3
1,4-Dichlorobenzene	4.3	U	0.34	4.3
3,3'-Dichlorobenzidine	4.3	U	0.39	4.3
2,4-Dinitrotoluene	4.3	U	0.43	4.3
2,6-Dinitrotoluene	4.3	U	0.28	4.3
Fluoranthene	4.3	U	0.34	4.3
Fluorene	4.3	U	0.28	4.3
Hexachlorobenzene	4.3	U	0.36	4.3
Hexachlorobutadiene	4.3	U	0.22	4.3
Hexachlorocyclopentadiene	4.3	U	0.38	4.3
Hexachloroethane	4.3	U	0.40	4.3
Indeno[1,2,3-cd]pyrene	4.3	U	0.30	4.3
Isophorone	4.3	U	0.34	4.3
2-Methylnaphthalene	4.3	U	0.29	4.3
Naphthalene	4.3	U	0.33	4.3
2-Nitroaniline	4.3	U	0.37	4.3
3-Nitroaniline	4.3	U	0.25	4.3
Nitrobenzene	4.3	U	0.30	4.3
N-Nitrosodi-n-propylamine	4.3	U	0.36	4.3
N-Nitrosodiphenylamine	4.3	U	0.36	4.3
Phenanthrene	4.3	U	0.30	4.3



9/28/09  
80  
10/18/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

**Client Sample ID: WWFB-071709**

Lab Sample ID: 220-9611-26FB

Date Sampled: 07/17/2009 1030

Client Matrix: Water

Date Received: 07/17/2009 1344

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29267	Instrument ID: MSA
Preparation:	3510C	Prep Batch: 220-29149	Lab File ID: A6249.D
Dilution:	1.0		Initial Weight/Volume: 920 mL
Date Analyzed:	07/21/2009 1654		Final Weight/Volume: 1 mL
Date Prepared:	07/17/2009 1738		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	4.3	U	0.36	4.3
1,2,4-Trichlorobenzene	4.3	U	0.39	4.3
4-Chloro-3-methylphenol	5.4	U	0.37	5.4
2-Chlorophenol	4.3	U	0.25	4.3
2-Methylphenol	4.3	U	0.26	4.3
4-Methylphenol	4.3	U	0.32	4.3
2,4-Dichlorophenol	4.3	U	0.36	4.3
2,4-Dimethylphenol	4.3	U	0.36	4.3
2,4-Dinitrophenol	27	U	0.47	27
4,6-Dinitro-2-methylphenol	27	U	2.0	27
2-Nitrophenol	4.3	U	0.29	4.3
4-Nitrophenol	11	U	1.6	11
Pentachlorophenol	27	U	0.34	27
Phenol	4.3	U	0.21	4.3
2,4,5-Trichlorophenol	11	U	0.30	11
2,4,6-Trichlorophenol	4.3	U	0.40	4.3
Benzyl alcohol	4.3	U	0.45	4.3
4-Nitroaniline	4.3	U	0.22	4.3
2,2'-oxybis[1-chloropropane]	4.3	U	0.27	4.3

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	62		39 - 120
2-Fluorophenol	38		13 - 120
2,4,6-Tribromophenol	74		36 - 120
Nitrobenzene-d5	63		40 - 120
Phenol-d5	29		10 - 120
Terphenyl-d14	68		10 - 120

9/26/09  
 EHM  
 9/18/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

Client Sample ID: **WWSB-23 (31-33)**

Lab Sample ID: 220-9611-28

Date Sampled: 07/17/2009 0830

Client Matrix: Solid

% Moisture: 7.2

Date Received: 07/17/2009 1344

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29442	Instrument ID: MSA
Preparation:	3541	Prep Batch: 220-29198	Lab File ID: A6348.D
Dilution:	2000		Initial Weight/Volume: 15.08 g
Date Analyzed:	07/27/2009 1538		Final Weight/Volume: 2.0 mL
Date Prepared:	07/21/2009 0942		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		400000	J ✓	69000	1200000
Acenaphthylene		3200000		57000	1200000
Anthracene		1300000		45000	1200000
Benzo[a]anthracene		710000	J ✓	41000	1200000
Benzo[a]pyrene		530000	J ✓	31000	1200000
Benzo[b]fluoranthene		430000	J ✓	31000	1200000
Benzo[g,h,i]perylene		620000	J ✓	75000	1200000
Benzo[k]fluoranthene		140000	J ✓	100000	1200000
Bis(2-chloroethoxy)methane		1200000	U	54000	1200000
Bis(2-chloroethyl)ether		1200000	U ✓	60000	1200000
Bis(2-ethylhexyl) phthalate		1200000	U	110000	1200000
Butyl benzyl phthalate		1200000	U	65000	1200000
Carbazole		1200000	U	64000	1200000
Chrysene		700000	J ✓	85000	1200000
Di-n-butyl phthalate		1200000	U	170000	1200000
Di-n-octyl phthalate		1200000	U	66000	1200000
4-Bromophenyl phenyl ether		1200000	U	75000	1200000
4-Chloroaniline		1200000	U	190000	1200000
2-Chloronaphthalene		1200000	U	49000	1200000
4-Chlorophenyl phenyl ether		1200000	U	85000	1200000
Dibenz(a,h)anthracene		1200000	U	91000	1200000
Dibenzofuran		400000	J ✓	82000	1200000
Diethyl phthalate		1200000	U	120000	1200000
Dimethyl phthalate		1200000	U	66000	1200000
1,2-Dichlorobenzene		1200000	U	69000	1200000
1,3-Dichlorobenzene		1200000	U	58000	1200000
1,4-Dichlorobenzene		1200000	U	69000	1200000
3,3'-Dichlorobenzidine		2900000	U	240000	2900000
2,4-Dinitrotoluene		1200000	U	92000	1200000
2,6-Dinitrotoluene		1200000	U	34000	1200000
Fluoranthene		1600000		57000	1200000
Fluorene		2000000		69000	1200000
Hexachlorobenzene		1200000	U	80000	1200000
Hexachlorobutadiene		1200000	U	89000	1200000
Hexachlorocyclopentadiene		2900000	U	540000	2900000
Hexachloroethane		1200000	U	66000	1200000
Indeno[1,2,3-cd]pyrene		1200000	U	75000	1200000
Isophorone		1200000	U	64000	1200000
2-Methylnaphthalene		7800000	B ✓	33000	1200000
Naphthalene		17000000	B ✓	60000	1200000
2-Nitroaniline		7300000	U ✓	70000	7300000
3-Nitroaniline		7300000	U	37000	7300000
Nitrobenzene		1200000	U	74000	1200000
N-Nitrosodi-n-propylamine		1200000	U	78000	1200000
N-Nitrosodiphenylamine		1200000	U	65000	1200000
Phenanthrene		4800000		57000	1200000

9/28/09  
88  
ERM  
9/18/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

**Client Sample ID: WWSB-23 (31-33)**

Lab Sample ID: 220-9611-28  
Client Matrix: Solid

% Moisture: 7.2

Date Sampled: 07/17/2009 0830  
Date Received: 07/17/2009 1344

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29442	Instrument ID: MSA
Preparation: 3541	Prep Batch: 220-29198	Lab File ID: A6348.D
Dilution: 2000		Initial Weight/Volume: 15.08 g
Date Analyzed: 07/27/2009 1538		Final Weight/Volume: 2.0 mL
Date Prepared: 07/21/2009 0942		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		1700000		54000	1200000
1,2,4-Trichlorobenzene		1200000	U	76000	1200000
4-Chloro-3-methylphenol		1200000	U	48000	1200000
2-Chlorophenol		1200000	U	67000	1200000
2-Methylphenol		1200000	U	69000	1200000
4-Methylphenol		1200000	U	76000	1200000
2,4-Dichlorophenol		1200000	U	62000	1200000
2,4-Dimethylphenol		1200000	U	56000	1200000
2,4-Dinitrophenol		7300000	U	350000	7300000
4,6-Dinitro-2-methylphenol		7300000	U	500000	7300000
2-Nitrophenol		1200000	U	73000	1200000
4-Nitrophenol		7300000	U <i>UJ ✓</i>	88000	7300000
Pentachlorophenol		7300000	U	700000	7300000
Phenol		1200000	U	77000	1200000
2,4,5-Trichlorophenol		7300000	U	58000	7300000
2,4,6-Trichlorophenol		1200000	U	32000	1200000
Benzyl alcohol		1200000	U <i>UJ ✓</i>	110000	1200000
4-Nitroaniline		1200000	U	89000	1200000
2,2'-oxybis[1-chloropropane]		1200000	U	60000	1200000

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	0	*	41 - 120
2-Fluorophenol	0	*	34 - 120
2,4,6-Tribromophenol	0	*	37 - 120
Nitrobenzene-d5	0	*	38 - 120
Phenol-d5	0	*	36 - 120
Terphenyl-d14	0	*	32 - 125

*9/28/09*  
*JJ*

*EMM*  
*9/8/09*



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

**Client Sample ID: WWSB-23 (62-63)**

Lab Sample ID: 220-9611-29

Date Sampled: 07/17/2009 0945

Client Matrix: Solid

% Moisture: 17.9

Date Received: 07/17/2009 1344

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29365	Instrument ID: MSA
Preparation:	3541	Prep Batch: 220-29198	Lab File ID: A6313.D
Dilution:	20		Initial Weight/Volume: 15.12 g
Date Analyzed:	07/23/2009 2332		Final Weight/Volume: 1.0 mL
Date Prepared:	07/21/2009 0942		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		5100	J <i>J</i> ✓	390	6500
Acenaphthylene		32000		320	6500
Anthracene		14000		250	6500
Benzo[a]anthracene		7500		230	6500
Benzo[a]pyrene		5500	J <i>J</i> ✓	180	6500
Benzo[b]fluoranthene		3500	J <i>J</i> ✓	170	6500
Benzo[g,h,i]perylene		4300	J <i>J</i> ✓	430	6500
Benzo[k]fluoranthene		1100	J <i>J</i> ✓	580	6500
Bis(2-chloroethoxy)methane		6500	U	300	6500
Bis(2-chloroethyl)ether		6500	U	340	6500
Bis(2-ethylhexyl) phthalate		6500	U	630	6500
Butyl benzyl phthalate		6500	U	360	6500
Carbazole		770	J <i>J</i> ✓	360	6500
Chrysene		6900		480	6500
Di-n-butyl phthalate		6500	U	950	6500
Di-n-octyl phthalate		6500	U	370	6500
4-Bromophenyl phenyl ether		6500	U	420	6500
4-Chloroaniline		6500	U	1100	6500
2-Chloronaphthalene		6500	U	280	6500
4-Chlorophenyl phenyl ether		6500	U	480	6500
Dibenz(a,h)anthracene		2900	J <i>J</i> ✓	510	6500
Dibenzofuran		2800	J <i>J</i> ✓	460	6500
Diethyl phthalate		6500	U	660	6500
Dimethyl phthalate		6500	U	370	6500
1,2-Dichlorobenzene		6500	U	390	6500
1,3-Dichlorobenzene		6500	U	330	6500
1,4-Dichlorobenzene		6500	U	390	6500
3,3'-Dichlorobenzidine		16000	U	1300	16000
2,4-Dinitrotoluene		6500	U	520	6500
2,6-Dinitrotoluene		6500	U	190	6500
Fluoranthene		14000		320	6500
Fluorene		19000		390	6500
Hexachlorobenzene		6500	U	450	6500
Hexachlorobutadiene		6500	U	500	6500
Hexachlorocyclopentadiene		16000	U	3100	16000
Hexachloroethane		6500	U	370	6500
Indeno[1,2,3-cd]pyrene		4200	J <i>J</i> ✓	420	6500
Isophorone		6500	U	360	6500
2-Methylnaphthalene		64000	B <i>J</i> ✓	190	6500
Naphthalene		120000	B <i>J</i> ✓	340	6500
2-Nitroaniline		41000	U	400	41000
3-Nitroaniline		41000	U	210	41000
Nitrobenzene		6500	U	420	6500
N-Nitrosodi-n-propylamine		6500	U	440	6500
N-Nitrosodiphenylamine		6500	U	370	6500
Phenanthrene		50000		320	6500

9/28/09  
EMM  
9/18/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

**Client Sample ID: WWSB-23 (62-63)**

Lab Sample ID: 220-9611-29

Date Sampled: 07/17/2009 0945

Client Matrix: Solid

% Moisture: 17.9

Date Received: 07/17/2009 1344

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29365	Instrument ID: MSA
Preparation:	3541	Prep Batch: 220-29198	Lab File ID: A6313.D
Dilution:	20		Initial Weight/Volume: 15.12 g
Date Analyzed:	07/23/2009 2332		Final Weight/Volume: 1.0 mL
Date Prepared:	07/21/2009 0942		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		19000		310	6500
1,2,4-Trichlorobenzene		6500	U	430	6500
4-Chloro-3-methylphenol		6500	U	270	6500
2-Chlorophenol		6500	U	380	6500
2-Methylphenol		6500	U	390	6500
4-Methylphenol		6500	U	430	6500
2,4-Dichlorophenol		6500	U	350	6500
2,4-Dimethylphenol		6500	U	320	6500
2,4-Dinitrophenol		41000	U	2000	41000
4,6-Dinitro-2-methylphenol		41000	U	2800	41000
2-Nitrophenol		6500	U	410	6500
4-Nitrophenol		41000	U	490	41000
Pentachlorophenol		41000	U	4000	41000
Phenol		6500	U	430	6500
2,4,5-Trichlorophenol		41000	U	330	41000
2,4,6-Trichlorophenol		6500	U	180	6500
Benzyl alcohol		6500	U	620	6500
4-Nitroaniline		6500	U	500	6500
2,2'-oxybis[1-chloropropane]		6500	U	340	6500



Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	71		41 - 120
2-Fluorophenol	56		34 - 120
2,4,6-Tribromophenol	80		37 - 120
Nitrobenzene-d5	62		38 - 120
Phenol-d5	62		36 - 120
Terphenyl-d14	69		32 - 125

*9/28/09*  
*EMM*  
*9/8/09*

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

Client Sample ID: **WWMW-02 (50-53)**

Lab Sample ID: 220-9611-1  
Client Matrix: Solid

% Moisture: 18.1

Date Sampled: 07/13/2009 1230  
Date Received: 07/14/2009 1715

### 6010B Metals (ICP)

Method: 6010B  
Preparation: 3050B  
Dilution: 1.0  
Date Analyzed: 07/24/2009 1349  
Date Prepared: 07/22/2009 1256

Analysis Batch: 220-29389  
Prep Batch: 220-29268

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 2.01 g  
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		1.5	UJ ✓	0.076	1.5
Aluminum		5080		3.0	75.9
Arsenic		4.3	J ✓	2.1	6.4
Barium		40.4		0.076	1.5
Beryllium		0.43	J ✓	0.076	1.5
Calcium		1070	U ✓	15.2	75.9
Cadmium		1.2	1.5UJ ✓	0.30	1.5
Cobalt		3.4	J ✓	0.15	1.5
Chromium		16.1		0.15	1.5
Copper		11.3	J ✓	0.58	1.8
Iron		38300	J ✓	4.6	38.0
Potassium		1190	J ✓	15.2	75.9
Magnesium		1510		2.8	75.9
Manganese		162		0.076	2.3
Sodium		30.3	75.9U ✓	15.2	75.9
Nickel		5.6		0.30	1.5
Lead		16.0	J ✓	0.94	4.6
Antimony		5.0	UJ ✓	1.5	5.0
Selenium		11.4	UJ ✓	3.8	11.4
Thallium		1.1	4.6U ✓	1.1	4.6
Vanadium		24.3	J ✓	0.30	1.5
Zinc		27.6		1.5	7.6

### 7471A Mercury (CVAA)

Method: 7471A  
Preparation: 7471A  
Dilution: 1.0  
Date Analyzed: 07/23/2009 1436  
Date Prepared: 07/22/2009 1305

Analysis Batch: 220-29338  
Prep Batch: 220-29270

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 0.61 g  
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.012	J ✓	0.0048	0.060

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07/14/09  
JPM  
10/23/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

Client Sample ID: **WWSB-09 (11-12)**

Lab Sample ID: 220-9611-2  
Client Matrix: Solid

% Moisture: 13.1

Date Sampled: 07/13/2009 1425  
Date Received: 07/14/2009 1715

### 6010B Metals (ICP)

Method: 6010B  
Preparation: 3050B  
Dilution: 1.0  
Date Analyzed: 07/24/2009 1414  
Date Prepared: 07/22/2009 1256

Analysis Batch: 220-29389  
Prep Batch: 220-29268

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 2.05 g  
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		1.4	U	0.070	1.4
Aluminum		7190		2.8	70.2
Arsenic		5.9	UJ✓	1.9	5.9
Barium		36.3		0.070	1.4
Beryllium		0.51	J✓	0.070	1.4
Calcium		644 U✓		14.0	70.2
Cadmium		1.4	U	0.28	1.4
Cobalt		15.1		0.14	1.4
Chromium		16.7		0.14	1.4
Copper		15.9		0.53	1.7
Iron		17100 J✓		4.2	35.1
Potassium		1120 J✓		14.0	70.2
Magnesium		2300		2.6	70.2
Manganese		155		0.070	2.1
Sodium		<del>60.5</del> 70.2 U✓	J	14.0	70.2
Nickel		13.0		0.28	1.4
Lead		7.5 U✓		0.87	4.2
Antimony		4.6	UJ✓	1.4	4.6
Selenium		10.5	U	3.5	10.5
Thallium		<del>2.5</del> 4.2 U✓	J	0.98	4.2
Vanadium		24.2		0.28	1.4
Zinc		33.1		1.4	7.0

### 7471A Mercury (CVAA)

Method: 7471A  
Preparation: 7471A  
Dilution: 1.0  
Date Analyzed: 07/23/2009 1441  
Date Prepared: 07/22/2009 1305

Analysis Batch: 220-29338  
Prep Batch: 220-29270

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 0.62 g  
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.012	J✓	0.0045	0.056

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 10/23/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

Client Sample ID: **WWSB-09 (53-54)**

Lab Sample ID: 220-9611-3  
Client Matrix: Solid

% Moisture: 26.6

Date Sampled: 07/14/2009 1740  
Date Received: 07/14/2009 1715

### 6010B Metals (ICP)

Method: 6010B  
Preparation: 3050B  
Dilution: 1.0  
Date Analyzed: 07/24/2009 1417  
Date Prepared: 07/22/2009 1256

Analysis Batch: 220-29389  
Prep Batch: 220-29268

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 2.02 g  
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		1.7	U	0.084	1.7
Aluminum		6740		3.4	84.3
Arsenic		7.1	U J ✓	2.3	7.1
Barium		55.5		0.084	1.7
Beryllium		0.57	J ✓	0.084	1.7
Calcium		3120 U ✓		16.9	84.3
Cadmium		1.7	U	0.34	1.7
Cobalt		8.9		0.17	1.7
Chromium		16.9		0.17	1.7
Copper		13.7		0.64	2.0
Iron		13700 J ✓		5.1	42.1
Potassium		1770 J ✓		16.9	84.3
Magnesium		3770		3.1	84.3
Manganese		195		0.084	2.5
Sodium		393 U ✓		16.9	84.3
Nickel		15.4		0.34	1.7
Lead		6.0 U ✓		1.0	5.1
Antimony		5.6	U J M ✓	1.7	5.6
Selenium		12.6	U	4.2	12.6
Thallium		2.8 5.1 U	J ✓	1.2	5.1
Vanadium		22.5		0.34	1.7
Zinc		33.4		1.7	8.4

### 7471A Mercury (CVAA)

Method: 7471A  
Preparation: 7471A  
Dilution: 1.0  
Date Analyzed: 07/23/2009 1444  
Date Prepared: 07/22/2009 1305

Analysis Batch: 220-29338  
Prep Batch: 220-29270

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 0.60 g  
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.0068	J ✓	0.0054	0.068

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10/23/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

Client Sample ID: **WWSB-03 (3-5)**

Lab Sample ID: 220-9611-5

Date Sampled: 07/14/2009 1030

Client Matrix: Solid

% Moisture: 12.6

Date Received: 07/14/2009 1715

### 6010B Metals (ICP)

Method: 6010B	Analysis Batch: 220-29389	Instrument ID: ICAP3
Preparation: 3050B	Prep Batch: 220-29268	Lab File ID: N/A
Dilution: 1.0		Initial Weight/Volume: 2.07 g
Date Analyzed: 07/24/2009 1426		Final Weight/Volume: 250 mL
Date Prepared: 07/22/2009 1256		

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.31	J ✓	0.069	1.4
Aluminum		5530		2.8	69.1
Arsenic		16.2 J ✓		1.9	5.8
Barium		547		0.069	1.4
Beryllium		0.26 J ✓	J ✓	0.069	1.4
Calcium		35900		13.8	69.1
Cadmium		<del>1.2</del> 1.40 ✓	J	0.28	1.4
Cobalt		6.9		0.14	1.4
Chromium		45.7		0.14	1.4
Copper		129		0.52	1.7
Iron		10500 J ✓		4.1	34.5
Potassium		743 J ✓		13.8	69.1
Magnesium		7190		2.5	69.1
Manganese		163		0.069	2.1
Sodium		2200 U ✓		13.8	69.1
Nickel		47.4		0.28	1.4
Lead		1180		0.86	4.1
Antimony		4.6	U J ✓	1.4	4.6
Selenium		10.4	U	3.5	10.4
Thallium		<del>1.7</del> 4.10	J ✓	0.97	4.1
Vanadium		14.7		0.28	1.4
Zinc		928		1.4	6.9

### 7471A Mercury (CVAA)

Method: 7471A	Analysis Batch: 220-29338	Instrument ID: MERC1
Preparation: 7471A	Prep Batch: 220-29270	Lab File ID: N/A
Dilution: 1.0		Initial Weight/Volume: 0.62 g
Date Analyzed: 07/23/2009 1445		Final Weight/Volume: 50 mL
Date Prepared: 07/22/2009 1305		

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.32		0.0044	0.055

8/11/09

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10/28/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

**Client Sample ID:** WWSB-XX (2-5)

Lab Sample ID: 220-9611-6  
Client Matrix: Solid

% Moisture: 9.9

Date Sampled: 07/14/2009 1045  
Date Received: 07/14/2009 1715

### 6010B Metals (ICP)

Method: 6010B  
Preparation: 3050B  
Dilution: 1.0  
Date Analyzed: 07/24/2009 1429  
Date Prepared: 07/22/2009 1256

Analysis Batch: 220-29389  
Prep Batch: 220-29268

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 2.00 g  
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.22	J ✓	0.069	1.4
Aluminum		4970		2.8	69.4
Arsenic		25.4 J ✓		1.9	5.8
Barium		683		0.069	1.4
Beryllium		0.23	J ✓	0.069	1.4
Calcium		40500		13.9	69.4
Cadmium		1.4 UJ ✓		0.28	1.4
Cobalt		7.6 J ✓		0.14	1.4
Chromium		37.1		0.14	1.4
Copper		156		0.53	1.7
Iron		32800 J ✓		4.2	34.7
Potassium		659 J ✓		13.9	69.4
Magnesium		5400		2.5	69.4
Manganese		229		0.069	2.1
Sodium		2020 U ✓		13.9	69.4
Nickel		41.7		0.28	1.4
Lead		1550		0.86	4.2
Antimony		4.6	UJ ✓	1.4	4.6
Selenium		10.4	UJ ✓	3.5	10.4
Thallium		2.7 4.2 U ✓	J ✓	0.97	4.2
Vanadium		15.8		0.28	1.4
Zinc		954		1.4	6.9

### 7471A Mercury (CVAA)

Method: 7471A  
Preparation: 7471A  
Dilution: 1.0  
Date Analyzed: 07/23/2009 1446  
Date Prepared: 07/22/2009 1305

Analysis Batch: 220-29338  
Prep Batch: 220-29270

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 0.61 g  
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.49		0.0044	0.055

*Handwritten:*  
08/11/09  
Jan  
192805

**Analytical Data**

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

Client Sample ID: **WWSB-03**  
Lab Sample ID: 220-9611-8  
Client Matrix: Water

Date Sampled: 07/14/2009 1430  
Date Received: 07/16/2009 1800

**6010B Metals (ICP)**

Method: 6010B  
Preparation: 3010A  
Dilution: 1.0  
Date Analyzed: 07/28/2009 1135  
Date Prepared: 07/22/2009 1042

Analysis Batch: 220-29471  
Prep Batch: 220-29254

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 100 mL  
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	UJ ✓	0.25	5.0
Aluminum	307	J ✓	10.0	250
Arsenic	17.6	J ✓	4.0	15.0
Barium	3440		0.25	5.0
Beryllium	5.0	UJ ✓	0.25	5.0
Calcium	182000		50.0	250
Cadmium	5.0	UJ ✓	1.0	5.0
Cobalt	4.2	J ✓	0.50	5.0
Chromium	4.4	5.0 UJ ✓	0.50	5.0
Copper	12.4	UJ ✓	1.5	10.0
Iron	21100		15.0	125
Potassium	182000	J ✓	50.0	250
Magnesium	208000		5.0	250
Manganese	331		0.25	8.0
Nickel	12.0	J ✓	1.0	5.0
Lead	189		2.5	15.0
Antimony	15.0	UJ ✓	5.0	15.0
Selenium	38.0	UJ ✓	12.5	38.0
Thallium	15.0	U	3.5	15.0
Vanadium	7.1	J ✓	1.0	5.0
Zinc	92.2		5.0	25.0

Method: 6010B  
Preparation: 3010A  
Dilution: 10  
Date Analyzed: 07/28/2009 1246  
Date Prepared: 07/22/2009 1042

Analysis Batch: 220-29471  
Prep Batch: 220-29254

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 100 mL  
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Sodium	3290000	J ✓	500	2500

**7470A Mercury (CVAA)**

Method: 7470A  
Preparation: 7470A  
Dilution: 1.0  
Date Analyzed: 07/28/2009 1246  
Date Prepared: 07/27/2009 1129

Analysis Batch: 220-29462  
Prep Batch: 220-29414

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 25 mL  
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20 - 0.40 ✓	U	0.060	0.20 0.40

*Handwritten:* 08/11/09  
08/31/2009  
102804

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

Client Sample ID: **WWSB-03 (20-22)**

Lab Sample ID: 220-9611-9  
Client Matrix: Solid

% Moisture: 28.5

Date Sampled: 07/14/2009 1130  
Date Received: 07/16/2009 1800

### 6010B Metals (ICP)

Method: 6010B  
Preparation: 3050B  
Dilution: 1.0  
Date Analyzed: 07/24/2009 1433  
Date Prepared: 07/22/2009 1256

Analysis Batch: 220-29389  
Prep Batch: 220-29268

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 2.08 g  
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.21	J ✓	0.084	1.7
Aluminum		8910		3.4	84.1
Arsenic		13.7	J ✓	2.3	7.1
Barium		63.7		0.084	1.7
Beryllium		0.42	J ✓	0.084	1.7
Calcium		59300		16.8	84.1
Cadmium		0.43	J ✓	0.34	1.7
Cobalt		4.3		0.17	1.7
Chromium		14.7		0.17	1.7
Copper		33.7		0.64	2.0
Iron		12800	J ✓	5.0	42.0
Potassium		961	J ✓	16.8	84.1
Magnesium		5790		3.1	84.1
Manganese		290		0.084	2.5
Sodium		1240	U ✓	16.8	84.1
Nickel		13.9		0.34	1.7
Lead		305		1.0	5.0
Antimony		5.6	U J ✓	1.7	5.6
Selenium		12.6	U	4.2	12.6
Thallium		3.2	J ✓	1.2	5.0
Vanadium		19.5		0.34	1.7
Zinc		112		1.7	8.4

### 7471A Mercury (CVAA)

Method: 7471A  
Preparation: 7471A  
Dilution: 1.0  
Date Analyzed: 07/23/2009 1447  
Date Prepared: 07/22/2009 1305

Analysis Batch: 220-29338  
Prep Batch: 220-29270

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 0.62 g  
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.61		0.0054	0.068

08/11/09  
 Jm  
 10/28/05



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

Client Sample ID: **WWSB-11 (50-51)**

Lab Sample ID: 220-9611-10

Client Matrix: Solid

% Moisture: 21.2

Date Sampled: 07/14/2009 1556

Date Received: 07/16/2009 1800

### 6010B Metals (ICP)

Method: 6010B  
Preparation: 3050B  
Dilution: 1.0  
Date Analyzed: 07/24/2009 1436  
Date Prepared: 07/22/2009 1256

Analysis Batch: 220-29389  
Prep Batch: 220-29268

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 2.07 g  
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		1.5	U	0.077	1.5
Aluminum		3340		3.1	76.7
Arsenic		6.4 J✓	U	2.1	6.4
Barium		24.8		0.077	1.5
Beryllium		0.27	J✓	0.077	1.5
Calcium		699 U✓		15.3	76.7
Cadmium		1.5	U	0.31	1.5
Cobalt		4.2		0.15	1.5
Chromium		8.8		0.15	1.5
Copper		7.2		0.58	1.8
Iron		8490 J✓		4.6	38.3
Potassium		825 J✓		15.3	76.7
Magnesium		1660		2.8	76.7
Manganese		130		0.077	2.3
Sodium		140 U✓		15.3	76.7
Nickel		7.2		0.31	1.5
Lead		<del>4.3</del> 4.6 U✓	J	0.95	4.6
Antimony		5.1	U J✓	1.6	5.1
Selenium		11.5	U	3.8	11.5
Thallium		4.6	U	1.1	4.6
Vanadium		12.2		0.31	1.5
Zinc		21.1		1.5	7.7

### 7471A Mercury (CVAA)

Method: 7471A  
Preparation: 7471A  
Dilution: 1.0  
Date Analyzed: 07/23/2009 1449  
Date Prepared: 07/22/2009 1305

Analysis Batch: 220-29338  
Prep Batch: 220-29270

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 0.60 g  
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.063	U	0.0051	0.063

07/14/09  
 Jm  
 10/28/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

Client Sample ID: **WWSB-11 (63-64)**

Lab Sample ID: 220-9611-11  
Client Matrix: Solid

% Moisture: 18.1

Date Sampled: 07/14/2009 1615  
Date Received: 07/16/2009 1800

### 6010B Metals (ICP)

Method: 6010B  
Preparation: 3050B  
Dilution: 1.0  
Date Analyzed: 07/24/2009 1439  
Date Prepared: 07/22/2009 1256

Analysis Batch: 220-29389  
Prep Batch: 220-29268

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 2.07 g  
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.15	J✓	0.074	1.5
Aluminum		4090		3.0	73.8
Arsenic		6.2	UJ✓	2.0	6.2
Barium		20.2		0.074	1.5
Beryllium		0.65	J✓	0.074	1.5
Calcium		296	U✓	14.8	73.8
Cadmium		1.5	UJ✓	0.30	1.5
Cobalt		7.5	J✓	0.15	1.5
Chromium		16.1		0.15	1.5
Copper		15.9	J✓	0.56	1.8
Iron		51400	J✓	4.4	36.9
Potassium		200	UJ✓	14.8	73.8
Magnesium		385	U✓	2.7	73.8
Manganese		359		0.074	2.2
Sodium		<del>49.3</del> 73.8	J✓	14.8	73.8
Nickel		8.4		0.30	1.5
Lead		6.7	UJ✓	0.91	4.4
Antimony		4.9	UJ✓	1.5	4.9
Selenium		11.1	UJ✓	3.7	11.1
Thallium		<del>1.1</del> 4.4	J✓	1.0	4.4
Vanadium		31.6		0.30	1.5
Zinc		40.8		1.5	7.4

### 7471A Mercury (CVAA)

Method: 7471A  
Preparation: 7471A  
Dilution: 1.0  
Date Analyzed: 07/23/2009 1450  
Date Prepared: 07/22/2009 1305

Analysis Batch: 220-29338  
Prep Batch: 220-29270

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 0.65 g  
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.0078	J✓	0.0045	0.056

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

**Client Sample ID: WWSB-05 (3-5)**

Lab Sample ID: 220-9611-12  
Client Matrix: Solid

% Moisture: 18.3

Date Sampled: 07/14/2009 1410  
Date Received: 07/16/2009 1800

### 6010B Metals (ICP)

Method: 6010B  
Preparation: 3050B  
Dilution: 1.0  
Date Analyzed: 07/24/2009 1442  
Date Prepared: 07/22/2009 1256

Analysis Batch: 220-29389  
Prep Batch: 220-29268

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 2.04 g  
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.24	J✓	0.075	1.5
Aluminum		6160		3.0	75.0
Arsenic		9.7 J✓		2.0	6.3
Barium		95.3		0.075	1.5
Beryllium		0.39	J✓	0.075	1.5
Calcium		23500		15.0	75.0
Cadmium		<del>0.43</del> 1.5 U J ✓	J	0.30	1.5
Cobalt		5.5 J ✓		0.15	1.5
Chromium		11.0		0.15	1.5
Copper		37.3		0.57	1.8
Iron		23000 J ✓		4.5	37.5
Potassium		973 J ✓		15.0	75.0
Magnesium		2870		2.7	75.0
Manganese		406		0.075	2.2
Sodium		1030 J ✓		15.0	75.0
Nickel		19.6		0.30	1.5
Lead		180		0.93	4.5
Antimony		4.9	U J ✓	1.5	4.9
Selenium		11.2	U J ✓	3.7	11.2
Thallium		<del>1.8</del> 4.5 U ✓	J	1.0	4.5
Vanadium		17.5		0.30	1.5
Zinc		95.9		1.5	7.5

### 7471A Mercury (CVAA)

Method: 7471A  
Preparation: 7471A  
Dilution: 1.0  
Date Analyzed: 07/23/2009 1451  
Date Prepared: 07/22/2009 1305

Analysis Batch: 220-29338  
Prep Batch: 220-29270

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 0.64 g  
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.20		0.0046	0.057

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

Client Sample ID: **WWSB-05 (20-24)**

Lab Sample ID: 220-9611-13  
Client Matrix: Solid

% Moisture: 28.5

Date Sampled: 07/14/2009 1545  
Date Received: 07/16/2009 1800

### 6010B Metals (ICP)

Method: 6010B  
Preparation: 3050B  
Dilution: 1.0  
Date Analyzed: 07/24/2009 1445  
Date Prepared: 07/22/2009 1256

Analysis Batch: 220-29389  
Prep Batch: 220-29268

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 2.06 g  
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.85	J ✓	0.085	1.7
Aluminum		1850		3.4	84.8
Arsenic		30.0	J ✓	2.3	7.1
Barium		328		0.085	1.7
Beryllium		0.55	J ✓	0.085	1.7
Calcium		22000		17.0	84.8
Cadmium		<del>1.2</del> 1.70 ✓	J	0.34	1.7
Cobalt		7.7		0.17	1.7
Chromium		7.6		0.17	1.7
Copper		163		0.64	2.0
Iron		18000	J ✓	5.1	42.4
Potassium		576	J ✓	17.0	84.8
Magnesium		3200		3.1	84.8
Manganese		92.2		0.085	2.5
Sodium		1550	U ✓	17.0	84.8
Nickel		16.0		0.34	1.7
Lead		901		1.1	5.1
Antimony		3.2	J ✓	1.7	5.6
Selenium		10.3	J ✓	4.2	12.7
Thallium		<del>5.0</del> 5.10 ✓	J	1.2	5.1
Vanadium		10.5		0.34	1.7
Zinc		651		1.7	8.5

### 7471A Mercury (CVAA)

Method: 7471A  
Preparation: 7471A  
Dilution: 1.0  
Date Analyzed: 07/23/2009 1452  
Date Prepared: 07/22/2009 1305

Analysis Batch: 220-29338  
Prep Batch: 220-29270

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 0.63 g  
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.46		0.0053	0.067

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

Client Sample ID: **WWSB-05**  
Lab Sample ID: 220-9611-14  
Client Matrix: Water

Date Sampled: 07/15/2009 0915  
Date Received: 07/16/2009 1800

### 6010B Metals (ICP)

Method: 6010B  
Preparation: 3010A  
Dilution: 1.0  
Date Analyzed: 07/28/2009 1144  
Date Prepared: 07/22/2009 1042

Analysis Batch: 220-29471  
Prep Batch: 220-29254

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 100 mL  
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	0.25	5.0
Aluminum	308 <b>J</b> ✓		10.0	250
Arsenic	35.2		4.0	15.0
Barium	131		0.25	5.0
Beryllium	5.0	U	0.25	5.0
Calcium	98500		50.0	250
Cadmium	5.0	U	1.0	5.0
Cobalt	0.72	<b>J</b> ✓	0.50	5.0
Chromium	<del>3.1</del> <b>5.00</b> ✓	<b>J</b> ✓	0.50	5.0
Copper	16.1 <b>UJ</b> ✓		1.5	10.0
Iron	1630		15.0	125
Potassium	21900 <b>J</b> ✓		50.0	250
Magnesium	11100		5.0	250
Manganese	211		0.25	8.0
Nickel	28.8		1.0	5.0
Lead	133		2.5	15.0
Antimony	15.0	U	5.0	15.0
Selenium	38.0	<b>UJ</b> ✓	12.5	38.0
Thallium	<del>6.7</del> <b>15.00</b>	<b>J</b> ✓	3.5	15.0
Vanadium	12.3		1.0	5.0
Zinc	52.4		5.0	25.0

Method: 6010B  
Preparation: 3010A  
Dilution: 10  
Date Analyzed: 07/28/2009 1302  
Date Prepared: 07/22/2009 1042

Analysis Batch: 220-29471  
Prep Batch: 220-29254

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 100 mL  
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Sodium	562000 <b>J</b> ✓		500	2500

### 7470A Mercury (CVAA)

Method: 7470A  
Preparation: 7470A  
Dilution: 1.0  
Date Analyzed: 07/28/2009 1251  
Date Prepared: 07/27/2009 1129

Analysis Batch: 220-29462  
Prep Batch: 220-29414

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 25 mL  
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	<del>0.20</del> <b>0.40</b> ✓	U	0.060	<del>0.20</del> <b>0.40</b>

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

Client Sample ID: **WWSB-07 (3-5)**

Lab Sample ID: 220-9611-15  
Client Matrix: Solid

% Moisture: 8.2

Date Sampled: 07/15/2009 0930  
Date Received: 07/16/2009 1800

### 6010B Metals (ICP)

Method: 6010B  
Preparation: 3050B  
Dilution: 1.0  
Date Analyzed: 07/24/2009 1448  
Date Prepared: 07/22/2009 1256

Analysis Batch: 220-29389  
Prep Batch: 220-29268

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 2.09 g  
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.37	J ✓	0.065	1.3
Aluminum		6220		2.6	65.1
Arsenic		7.0 J ✓		1.8	5.5
Barium		111		0.065	1.3
Beryllium		0.31	J ✓	0.065	1.3
Calcium		77800		13.0	65.1
Cadmium		<del>0.75</del> 1.3 U J ✓	J	0.26	1.3
Cobalt		6.6 J ✓		0.13	1.3
Chromium		11.6		0.13	1.3
Copper		79.5		0.49	1.6
Iron		18000 J ✓		3.9	32.6
Potassium		1220 J ✓		13.0	65.1
Magnesium		21500		2.4	65.1
Manganese		286		0.065	2.0
Sodium		828 U ✓		13.0	65.1
Nickel		20.6		0.26	1.3
Lead		286		0.81	3.9
Antimony		4.3	U J ✓	1.3	4.3
Selenium		9.8	U J ✓	3.3	9.8
Thallium		<del>2.4</del> 3.9 U ✓	J	0.91	3.9
Vanadium		30.0		0.26	1.3
Zinc		291		1.3	6.5

### 7471A Mercury (CVAA)

Method: 7471A  
Preparation: 7471A  
Dilution: 1.0  
Date Analyzed: 07/23/2009 1453  
Date Prepared: 07/22/2009 1305

Analysis Batch: 220-29338  
Prep Batch: 220-29270

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 0.62 g  
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.70		0.0042	0.053

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

Client Sample ID: **WWSB-07**  
Lab Sample ID: 220-9611-16  
Client Matrix: Water

Date Sampled: 07/15/2009 1406  
Date Received: 07/16/2009 1800

### 6010B Metals (ICP)

Method: 6010B  
Preparation: 3010A  
Dilution: 1.0  
Date Analyzed: 07/28/2009 1148  
Date Prepared: 07/22/2009 1042

Analysis Batch: 220-29471  
Prep Batch: 220-29254

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 100 mL  
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	0.25	5.0
Aluminum	4430 J✓		10.0	250
Arsenic	16.4		4.0	15.0
Barium	405		0.25	5.0
Beryllium	5.0	U	0.25	5.0
Calcium	58200		50.0	250
Cadmium	5.0	U	1.0	5.0
Cobalt	5.4		0.50	5.0
Chromium	12.1		0.50	5.0
Copper	44.6 J✓		1.5	10.0
Iron	8010		15.0	125
Potassium	107000 J✓		50.0	250
Magnesium	11400		5.0	250
Manganese	1210		0.25	8.0
Nickel	53.3		1.0	5.0
Lead	479		2.5	15.0
Antimony	15.0	U	5.0	15.0
Selenium	38.0	U J✓	12.5	38.0
Thallium	15.0	U	3.5	15.0
Vanadium	52.3		1.0	5.0
Zinc	403		5.0	25.0

Method: 6010B  
Preparation: 3010A  
Dilution: 10  
Date Analyzed: 07/28/2009 1305  
Date Prepared: 07/22/2009 1042

Analysis Batch: 220-29471  
Prep Batch: 220-29254

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 100 mL  
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Sodium	1600000 J✓		500	2500

### 7470A Mercury (CVAA)

Method: 7470A  
Preparation: 7470A  
Dilution: 1.0  
Date Analyzed: 07/28/2009 1252  
Date Prepared: 07/27/2009 1129

Analysis Batch: 220-29462  
Prep Batch: 220-29414

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 25 mL  
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.52		0.060	0.20 0.40 ✓

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

Client Sample ID: **WWSB-10 (49-50)**

Lab Sample ID: 220-9611-17  
Client Matrix: Solid

% Moisture: 16.3

Date Sampled: 07/15/2009 1040  
Date Received: 07/16/2009 1800

### 6010B Metals (ICP)

Method: 6010B  
Preparation: 3050B  
Dilution: 1.0  
Date Analyzed: 07/24/2009 1451  
Date Prepared: 07/22/2009 1256

Analysis Batch: 220-29389  
Prep Batch: 220-29268

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 2.00 g  
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		1.5	UJ ✓	0.075	1.5
Aluminum		4050		3.0	74.7
Arsenic		6.3	UJ ✓	2.0	6.3
Barium		25.1		0.075	1.5
Beryllium		0.72	J ✓	0.075	1.5
Calcium		786 U ✓		14.9	74.7
Cadmium		1.5	UJ ✓	0.30	1.5
Cobalt		8.0		0.15	1.5
Chromium		15.2		0.15	1.5
Copper		19.8		0.57	1.8
Iron		28200 J ✓		4.5	37.3
Potassium		643 J ✓		14.9	74.7
Magnesium		1210		2.7	74.7
Manganese		228		0.075	2.2
Sodium		82.6 U ✓		14.9	74.7
Nickel		15.2		0.30	1.5
Lead		9.4 UJ ✓		0.93	4.5
Antimony		4.9	UJ ✓	1.5	4.9
Selenium		11.2	UJ ✓	3.7	11.2
Thallium		<del>1.1</del> 4.5 U	J ✓	1.0	4.5
Vanadium		42.7		0.30	1.5
Zinc		36.1		1.5	7.5

### 7471A Mercury (CVAA)

Method: 7471A  
Preparation: 7471A  
Dilution: 1.0  
Date Analyzed: 07/23/2009 1455  
Date Prepared: 07/22/2009 1305

Analysis Batch: 220-29338  
Prep Batch: 220-29270

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 0.61 g  
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.010	J ✓	0.0047	0.059

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

Client Sample ID: **WWSB-10 (51-52)**

Lab Sample ID: 220-9611-18  
Client Matrix: Solid

% Moisture: 19.0

Date Sampled: 07/15/2009 1040  
Date Received: 07/16/2009 1800

### 6010B Metals (ICP)

Method: 6010B  
Preparation: 3050B  
Dilution: 1.0  
Date Analyzed: 07/24/2009 1454  
Date Prepared: 07/22/2009 1256

Analysis Batch: 220-29389  
Prep Batch: 220-29268

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 2.02 g  
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.14	J✓	0.076	1.5
Aluminum		6850		3.1	76.4
Arsenic		3.7	J✓	2.1	6.4
Barium		42.8		0.076	1.5
Beryllium		0.66	J✓	0.076	1.5
Calcium		1360	UV	15.3	76.4
Cadmium		1.5	U	0.31	1.5
Cobalt		178		0.15	1.5
Chromium		21.3		0.15	1.5
Copper		17.2		0.58	1.8
Iron		21200	J✓ J✓	4.6	38.2
Potassium		1030		15.3	76.4
Magnesium		2310		2.8	76.4
Manganese		581		0.076	2.3
Sodium		86.9	U ✓	15.3	76.4
Nickel		170		0.31	1.5
Lead		12.8		0.95	4.6
Antimony		5.0	U J✓	1.6	5.0
Selenium		11.5	U	3.8	11.5
Thallium		<del>3.3</del> 4.6	U ✓	1.1	4.6
Vanadium		29.3		0.31	1.5
Zinc		127		1.5	7.6

### 7471A Mercury (CVAA)

Method: 7471A  
Preparation: 7471A  
Dilution: 1.0  
Date Analyzed: 07/23/2009 1458  
Date Prepared: 07/22/2009 1305

Analysis Batch: 220-29338  
Prep Batch: 220-29270

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 0.61 g  
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.022	J	0.0049	0.061

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Jm  
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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

Client Sample ID: WWSB-24 (53-55)

Lab Sample ID: 220-9611-19  
Client Matrix: Solid

% Moisture: 18.1

Date Sampled: 07/16/2009 1330  
Date Received: 07/16/2009 1800

## 6010B Metals (ICP)

Method: 6010B  
Preparation: 3050B  
Dilution: 1.0  
Date Analyzed: 07/24/2009 1514  
Date Prepared: 07/22/2009 1256

Analysis Batch: 220-29389  
Prep Batch: 220-29268

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 2.07 g  
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.22	J ✓	0.074	1.5
Aluminum		3710		3.0	73.8
Arsenic		6.2	UJ ✓	2.0	6.2
Barium		37.6		0.074	1.5
Beryllium		0.66	J ✓	0.074	1.5
Calcium		1130 U ✓		14.8	73.8
Cadmium		1.5	UJ ✓	0.30	1.5
Cobalt		4.4 J ✓		0.15	1.5
Chromium		16.7		0.15	1.5
Copper		17.4 J ✓		0.56	1.8
Iron		49200 J ✓		4.4	36.9
Potassium		607 J ✓		14.8	73.8
Magnesium		501 U ✓		2.7	73.8
Manganese		421		0.074	2.2
Sodium		<del>40.2</del> 73.8 U ✓	J	14.8	73.8
Nickel		7.6		0.30	1.5
Lead		9.4 UJ ✓		0.91	4.4
Antimony		4.9	UJ ✓	1.5	4.9
Selenium		11.1	UJ ✓	3.7	11.1
Thallium		4.4	U	1.0	4.4
Vanadium		20.6		0.30	1.5
Zinc		35.1		1.5	7.4

## 7471A Mercury (CVAA)

Method: 7471A  
Preparation: 7471A  
Dilution: 1.0  
Date Analyzed: 07/23/2009 1459  
Date Prepared: 07/22/2009 1305

Analysis Batch: 220-29338  
Prep Batch: 220-29270

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 0.62 g  
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.022	J ✓	0.0047	0.059

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1928105

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

Client Sample ID: **WWSB-23 (1-4)**

Lab Sample ID: 220-9611-22  
Client Matrix: Solid

% Moisture: 22.0

Date Sampled: 07/16/2009 1100  
Date Received: 07/16/2009 1800

### 6010B Metals (ICP)

Method: 6010B  
Preparation: 3050B  
Dilution: 1.0  
Date Analyzed: 07/24/2009 1517  
Date Prepared: 07/22/2009 1256

Analysis Batch: 220-29389  
Prep Batch: 220-29268

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 2.10 g  
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.12	J✓	0.076	1.5
Aluminum		6510		3.1	76.3
Arsenic		6.9	J✓	2.1	6.4
Barium		83.1		0.076	1.5
Beryllium		0.34	J✓	0.076	1.5
Calcium		15900		15.3	76.3
Cadmium		1.5	U	0.31	1.5
Cobalt		4.6		0.15	1.5
Chromium		15.3		0.15	1.5
Copper		43.8		0.58	1.8
Iron		21500	J✓	4.6	38.2
Potassium		1070	J✓	15.3	76.3
Magnesium		2860		2.8	76.3
Manganese		203		0.076	2.3
Sodium		1090	U✓	15.3	76.3
Nickel		14.0		0.31	1.5
Lead		198		0.95	4.6
Antimony		5.0	U J✓	1.6	5.0
Selenium		11.5	U	3.8	11.5
Thallium		1.3 4.6 U	J✓	1.1	4.6
Vanadium		23.0		0.31	1.5
Zinc		135		1.5	7.6

### 7471A Mercury (CVAA)

Method: 7471A  
Preparation: 7471A  
Dilution: 1.0  
Date Analyzed: 07/23/2009 1500  
Date Prepared: 07/22/2009 1305

Analysis Batch: 220-29338  
Prep Batch: 220-29270

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 0.64 g  
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.26		0.0048	0.060

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

Client Sample ID: **WWSB-24 (4-5)**

Lab Sample ID: 220-9611-23  
Client Matrix: Solid

% Moisture: 14.9

Date Sampled: 07/16/2009 1050  
Date Received: 07/16/2009 1800

### 6010B Metals (ICP)

Method: 6010B  
Preparation: 3050B  
Dilution: 1.0  
Date Analyzed: 07/24/2009 1520  
Date Prepared: 07/22/2009 1256

Analysis Batch: 220-29389  
Prep Batch: 220-29268

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 2.01 g  
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.21	J ✓	0.073	1.5
Aluminum		7930		2.9	73.1
Arsenic		7.9	J ✓	2.0	6.1
Barium		122		0.073	1.5
Beryllium		0.49	J ✓	0.073	1.5
Calcium		19700		14.6	73.1
Cadmium		1.5	U	0.29	1.5
Cobalt		7.4		0.15	1.5
Chromium		16.4		0.15	1.5
Copper		50.9		0.56	1.8
Iron		17800	J ✓	4.4	36.5
Potassium		1420	J ✓	14.6	73.1
Magnesium		3850		2.7	73.1
Manganese		351		0.073	2.2
Sodium		1690	U ✓	14.6	73.1
Nickel		20.7		0.29	1.5
Lead		503		0.91	4.4
Antimony		4.8	U J ✓	1.5	4.8
Selenium		11.0	U	3.7	11.0
Thallium		2.2	J ✓	1.0	4.4
Vanadium		21.5		0.29	1.5
Zinc		158		1.5	7.3

### 7471A Mercury (CVAA)

Method: 7471A  
Preparation: 7471A  
Dilution: 1.0  
Date Analyzed: 07/23/2009 1501  
Date Prepared: 07/22/2009 1305

Analysis Batch: 220-29338  
Prep Batch: 220-29270

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 0.62 g  
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.43		0.0045	0.057

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

Client Sample ID: **WWSB-24 (38-40)**

Lab Sample ID: 220-9611-24

Date Sampled: 07/16/2009 1320

Client Matrix: Solid

% Moisture: 23.1

Date Received: 07/16/2009 1800

### 6010B Metals (ICP)

Method: 6010B	Analysis Batch: 220-29389	Instrument ID: ICAP3
Preparation: 3050B	Prep Batch: 220-29268	Lab File ID: N/A
Dilution: 1.0		Initial Weight/Volume: 2.00 g
Date Analyzed: 07/24/2009 1523		Final Weight/Volume: 250 mL
Date Prepared: 07/22/2009 1256		

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.12	J✓	0.081	1.6
Aluminum		3910		3.3	81.3
Arsenic		6.8	UJ✓	2.2	6.8
Barium		22.3		0.081	1.6
Beryllium		0.43	J✓	0.081	1.6
Calcium		704 U✓		16.3	81.3
Cadmium		1.6	U	0.33	1.6
Cobalt		7.5		0.16	1.6
Chromium		15.9		0.16	1.6
Copper		14.8		0.62	2.0
Iron		19900 J✓		4.9	40.7
Potassium		627 J✓		16.3	81.3
Magnesium		1480		3.0	81.3
Manganese		217		0.081	2.4
Sodium		265 U✓		16.3	81.3
Nickel		12.1		0.33	1.6
Lead		<del>4.1</del> 4.9 U✓	J	1.0	4.9
Antimony		5.4	UJ✓	1.7	5.4
Selenium		12.2	U	4.1	12.2
Thallium		4.9	U	1.1	4.9
Vanadium		25.5		0.33	1.6
Zinc		31.0		1.6	8.1

### 7471A Mercury (CVAA)

Method: 7471A	Analysis Batch: 220-29338	Instrument ID: MERC1
Preparation: 7471A	Prep Batch: 220-29270	Lab File ID: N/A
Dilution: 1.0		Initial Weight/Volume: 0.64 g
Date Analyzed: 07/23/2009 1502		Final Weight/Volume: 50 mL
Date Prepared: 07/22/2009 1305		

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.0074	J✓	0.0049	0.061

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

Client Sample ID: **WWSB-07 (19-22)**

Lab Sample ID: 220-9611-25  
Client Matrix: Solid

% Moisture: 26.5

Date Sampled: 07/15/2009 1050  
Date Received: 07/16/2009 1800

### 6010B Metals (ICP)

Method: 6010B	Analysis Batch: 220-29389	Instrument ID: ICAP3
Preparation: 3050B	Prep Batch: 220-29268	Lab File ID: N/A
Dilution: 1.0		Initial Weight/Volume: 2.00 g
Date Analyzed: 07/24/2009 1526		Final Weight/Volume: 250 mL
Date Prepared: 07/22/2009 1256		

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		1.7	UJ ✓	0.085	1.7
Aluminum		5170		3.4	85.0
Arsenic		6.9	J ✓	2.3	7.1
Barium		1760		0.085	1.7
Beryllium		0.31	J ✓	0.085	1.7
Calcium		63400		17.0	85.0
Cadmium		<del>1.1</del> 1.7 UJ ✓	J ✓	0.34	1.7
Cobalt		2.6 J ✓		0.17	1.7
Chromium		11.1		0.17	1.7
Copper		15.0		0.65	2.0
Iron		7910 J ✓		5.1	42.5
Potassium		1040 J ✓		17.0	85.0
Magnesium		9140		3.1	85.0
Manganese		366		0.085	2.6
Sodium		1560 U ✓		17.0	85.0
Nickel		11.6		0.34	1.7
Lead		313		1.1	5.1
Antimony		5.6	UJ ✓	1.7	5.6
Selenium		12.8	UJ ✓	4.3	12.8
Thallium		<del>2.0</del> 5.1 U	J ✓	1.2	5.1
Vanadium		13.3		0.34	1.7
Zinc		720		1.7	8.5

### 7471A Mercury (CVAA)

Method: 7471A	Analysis Batch: 220-29506	Instrument ID: MERC1
Preparation: 7471A	Prep Batch: 220-29450	Lab File ID: N/A
Dilution: 5.0		Initial Weight/Volume: 0.65 g
Date Analyzed: 07/29/2009 1245		Final Weight/Volume: 50 mL
Date Prepared: 07/28/2009 1133		

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		1.2		0.025	0.31

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

Client Sample ID: **WWFB-071709**

Lab Sample ID: 220-9611-26FB  
Client Matrix: Water

Date Sampled: 07/17/2009 1030  
Date Received: 07/17/2009 1344

### 6010B Metals (ICP)

Method: 6010B	Analysis Batch: 220-29572	Instrument ID: ICAP2
Preparation: 3010A	Prep Batch: 220-29254	Lab File ID: W072909
Dilution: 1.0		Initial Weight/Volume: 100 mL
Date Analyzed: 07/29/2009 1244		Final Weight/Volume: 50 mL
Date Prepared: 07/22/2009 1042		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	0.25	5.0
Aluminum	250	U	10.0	250
Arsenic	15.0	U	4.0	15.0
Barium	0.64	J ✓	0.25	5.0
Beryllium	5.0	U	0.25	5.0
Calcium	7480		50.0	250
Cadmium	5.0	U	1.0	5.0
Cobalt	5.0	U	0.50	5.0
Chromium	5.0	U	0.50	5.0
Copper	1.5	J ✓	1.5	10.0
Iron	125	U	15.0	125
Potassium	542 J ✓		50.0	250
Magnesium	1170		5.0	250
Manganese	8.0	U	0.25	8.0
Sodium	6110 J ✓		50.0	250
Nickel	5.0	U	1.0	5.0
Lead	15.0	U	2.5	15.0
Antimony	15.0	U	5.0	15.0
Selenium	38.0	U J ✓	12.5	38.0
Thallium	4.4	J ✓	3.5	15.0
Vanadium	5.0	U	1.0	5.0
Zinc	25.0	U	5.0	25.0

### 7470A Mercury (CVAA)

Method: 7470A	Analysis Batch: 220-29462	Instrument ID: MERC1
Preparation: 7470A	Prep Batch: 220-29414	Lab File ID: N/A
Dilution: 1.0		Initial Weight/Volume: 25 mL
Date Analyzed: 07/28/2009 1253		Final Weight/Volume: 50 mL
Date Prepared: 07/27/2009 1129		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20 <b>0.40</b> ✓	U	0.060	0.20 <b>0.40</b>

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

Client Sample ID: **WWSB-23 (31-33)**

Lab Sample ID: 220-9611-28  
Client Matrix: Solid

% Moisture: 7.2

Date Sampled: 07/17/2009 0830  
Date Received: 07/17/2009 1344

### 6010B Metals (ICP)

Method: 6010B  
Preparation: 3050B  
Dilution: 1.0  
Date Analyzed: 07/24/2009 1530  
Date Prepared: 07/22/2009 1256

Analysis Batch: 220-29389  
Prep Batch: 220-29268

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 2.07 g  
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		1.3	U	0.065	1.3
Aluminum		2310		2.6	65.1
Arsenic		2.4	J ✓	1.8	5.5
Barium		15.6		0.065	1.3
Beryllium		0.17	J ✓	0.065	1.3
Calcium		1550 U ✓		13.0	65.1
Cadmium		1.3	U	0.26	1.3
Cobalt		2.9		0.13	1.3
Chromium		5.3		0.13	1.3
Copper		6.8		0.49	1.6
Iron		6430 J ✓		3.9	32.6
Potassium		409 J ✓		13.0	65.1
Magnesium		1520		2.4	65.1
Manganese		108		0.065	2.0
Sodium		85.7 U ✓		13.0	65.1
Nickel		6.2		0.26	1.3
Lead		<del>3.0</del> 3.9 U ✓	J	0.81	3.9
Antimony		4.3	U J ✓	1.3	4.3
Selenium		9.8	U	3.3	9.8
Thallium		3.9	U	0.91	3.9
Vanadium		8.9		0.26	1.3
Zinc		13.4		1.3	6.5

### 7471A Mercury (CVAA)

Method: 7471A  
Preparation: 7471A  
Dilution: 1.0  
Date Analyzed: 07/29/2009 1118  
Date Prepared: 07/28/2009 1133

Analysis Batch: 220-29506  
Prep Batch: 220-29450

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 0.63 g  
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		<del>0.0062</del> 0.051 U ✓	J	0.0041	0.051

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

Client Sample ID: **WWSB-23 (62-63)**

Lab Sample ID: 220-9611-29

Date Sampled: 07/17/2009 0945

Client Matrix: Solid

% Moisture: 17.9

Date Received: 07/17/2009 1344

### 6010B Metals (ICP)

Method: 6010B	Analysis Batch: 220-29389	Instrument ID: ICAP3
Preparation: 3050B	Prep Batch: 220-29268	Lab File ID: N/A
Dilution: 1.0		Initial Weight/Volume: 2.10 g
Date Analyzed: 07/24/2009 1533		Final Weight/Volume: 250 mL
Date Prepared: 07/22/2009 1256		

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.30	J ✓	0.072	1.4
Aluminum		2770		2.9	72.5
Arsenic		6.1	UJ ✓	2.0	6.1
Barium		19.7		0.072	1.4
Beryllium		0.51	J ✓	0.072	1.4
Calcium		529 U ✓		14.5	72.5
Cadmium		1.4	UJ ✓	0.29	1.4
Cobalt		6.0 J ✓		0.14	1.4
Chromium		14.7		0.14	1.4
Copper		13.7		0.55	1.7
Iron		31400 J ✓		4.3	36.2
Potassium		358 UJ ✓		14.5	72.5
Magnesium		549 U ✓		2.6	72.5
Manganese		352		0.072	2.2
Sodium		<del>15.8</del> 72.5 U ✓	J	14.5	72.5
Nickel		8.2		0.29	1.4
Lead		6.7 UJ ✓		0.90	4.3
Antimony		4.8	UJ ✓	1.5	4.8
Selenium		10.9	UJ ✓	3.6	10.9
Thallium		4.3	U	1.0	4.3
Vanadium		25.8		0.29	1.4
Zinc		34.6		1.4	7.2

### 7471A Mercury (CVAA)

Method: 7471A	Analysis Batch: 220-29506	Instrument ID: MERC1
Preparation: 7471A	Prep Batch: 220-29450	Lab File ID: N/A
Dilution: 1.0		Initial Weight/Volume: 0.60 g
Date Analyzed: 07/29/2009 1119		Final Weight/Volume: 50 mL
Date Prepared: 07/28/2009 1133		

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		<del>-0.012</del> 0.061 U ✓	J	0.0049	0.061

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Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

General Chemistry

Client Sample ID: WWMW-02 (50-53)

Lab Sample ID: 220-9611-1

Date Sampled: 07/13/2009 1230

Client Matrix: Solid

% Moisture: 18.1

Date Received: 07/14/2009 1715

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	241	U	ug/Kg	24.5	241	1.0	D4282_02
	Analysis Batch: 220-29081		Date Analyzed: 07/16/2009 1604				DryWt Corrected: Y
	Prep Batch: 220-29078		Date Prepared: 07/16/2009 1105				

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	18.1		%	0.10	0.10	1.0	Moisture
	Analysis Batch: 220-29053		Date Analyzed: 07/15/2009 1448				DryWt Corrected: N
Percent Solids	81.9		%	0.10	0.10	1.0	Moisture
	Analysis Batch: 220-29053		Date Analyzed: 07/15/2009 1448				DryWt Corrected: N

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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

## General Chemistry

Client Sample ID: **WWSB-09 (11-12)**

Lab Sample ID: 220-9611-2  
Client Matrix: Solid

% Moisture: 13.1

Date Sampled: 07/13/2009 1425  
Date Received: 07/14/2009 1715

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	229	U	ug/Kg	23.3	229	1.0	D4282_02
	Analysis Batch: 220-29081	Date Analyzed: 07/16/2009 1606					DryWt Corrected: Y
	Prep Batch: 220-29078	Date Prepared: 07/16/2009 1105					

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.1		%	0.10	0.10	1.0	Moisture
	Analysis Batch: 220-29053	Date Analyzed: 07/15/2009 1448					DryWt Corrected: N
Percent Solids	86.9		%	0.10	0.10	1.0	Moisture
	Analysis Batch: 220-29053	Date Analyzed: 07/15/2009 1448					DryWt Corrected: N

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Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

General Chemistry

Client Sample ID: WWSB-09 (53-54)

Lab Sample ID: 220-9611-3

Client Matrix: Solid

% Moisture: 26.6

Date Sampled: 07/14/2009 1740

Date Received: 07/14/2009 1715

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	271	U	ug/Kg	27.5	271	1.0	D4282_02
		Analysis Batch: 220-29081		Date Analyzed: 07/16/2009 1606		DryWt Corrected: Y	
		Prep Batch: 220-29078		Date Prepared: 07/16/2009 1105			

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	26.6		%	0.10	0.10	1.0	Moisture
		Analysis Batch: 220-29053		Date Analyzed: 07/15/2009 1448		DryWt Corrected: N	
Percent Solids	73.4		%	0.10	0.10	1.0	Moisture
		Analysis Batch: 220-29053		Date Analyzed: 07/15/2009 1448		DryWt Corrected: N	

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Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

General Chemistry

Client Sample ID: WWSB-03 (3-5)

Lab Sample ID: 220-9611-5  
Client Matrix: Solid

% Moisture: 12.6

Date Sampled: 07/14/2009 1030  
Date Received: 07/14/2009 1715

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	228	U	ug/Kg	23.2	228	1.0	D4282_02
Analysis Batch: 220-29081				Date Analyzed: 07/16/2009 1607		DryWt Corrected: Y	
Prep Batch: 220-29078				Date Prepared: 07/16/2009 1105			

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	12.6		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-29053				Date Analyzed: 07/15/2009 1448		DryWt Corrected: N	
Percent Solids	87.4		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-29053				Date Analyzed: 07/15/2009 1448		DryWt Corrected: N	

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

### General Chemistry

**Client Sample ID: WWSB-XX (2-5)**

Lab Sample ID: 220-9611-6

Date Sampled: 07/14/2009 1045

Client Matrix: Solid

% Moisture: 9.9

Date Received: 07/14/2009 1715

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	219	U	ug/Kg	22.3	219	1.0	D4282_02
	Analysis Batch: 220-29081		Date Analyzed: 07/16/2009 1608		DryWt Corrected: Y		
	Prep Batch: 220-29078		Date Prepared: 07/16/2009 1105				

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	9.9		%	0.10	0.10	1.0	Moisture
	Analysis Batch: 220-29053		Date Analyzed: 07/15/2009 1448		DryWt Corrected: N		
Percent Solids	90.1		%	0.10	0.10	1.0	Moisture
	Analysis Batch: 220-29053		Date Analyzed: 07/15/2009 1448		DryWt Corrected: N		

*AS 4/14/09*  
*DM*  
*10/28/09*

**Analytical Data**

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

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**General Chemistry**

Client Sample ID: **WWSB-03**

Lab Sample ID: 220-9611-8  
Client Matrix: Water

Date Sampled: 07/14/2009 1430  
Date Received: 07/16/2009 1800

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	517		ug/L	14.5	50.0	5.0	9012B

Analysis Batch: 220-29344      Date Analyzed: 07/23/2009 1732  
Prep Batch: 220-29340      Date Prepared: 07/23/2009 1135

*AS 11/14/09*  
*DAM*  
*10/28/09*

Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

General Chemistry

Client Sample ID: WWSB-03 (20-22)

Lab Sample ID: 220-9611-9

Date Sampled: 07/14/2009 1130

Client Matrix: Solid

% Moisture: 28.5

Date Received: 07/16/2009 1800

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	1560		ug/Kg	28.3	278	1.0	D4282_02
	Analysis Batch: 220-29332		Date Analyzed: 07/23/2009 1459		DryWt Corrected: Y		
	Prep Batch: 220-29330		Date Prepared: 07/23/2009 1038				

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	28.5		%	0.10	0.10	1.0	Moisture
	Analysis Batch: 220-29187		Date Analyzed: 07/20/2009 1431		DryWt Corrected: N		
Percent Solids	71.5		%	0.10	0.10	1.0	Moisture
	Analysis Batch: 220-29187		Date Analyzed: 07/20/2009 1431		DryWt Corrected: N		

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

### General Chemistry

Client Sample ID: **WWSB-11 (50-51)**

Lab Sample ID: 220-9611-10

Client Matrix: Solid

% Moisture: 21.2

Date Sampled: 07/14/2009 1556

Date Received: 07/16/2009 1800

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	253	U	ug/Kg	25.7	253	1.0	D4282_02
		Analysis Batch: 220-29332		Date Analyzed: 07/23/2009 1459		DryWt Corrected: Y	
		Prep Batch: 220-29330		Date Prepared: 07/23/2009 1038			

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	21.2		%	0.10	0.10	1.0	Moisture
		Analysis Batch: 220-29187		Date Analyzed: 07/20/2009 1431		DryWt Corrected: N	
Percent Solids	78.8		%	0.10	0.10	1.0	Moisture
		Analysis Batch: 220-29187		Date Analyzed: 07/20/2009 1431		DryWt Corrected: N	

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Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

General Chemistry

Client Sample ID: WWSB-11 (63-64)

Lab Sample ID: 220-9611-11  
Client Matrix: Solid

% Moisture: 18.1

Date Sampled: 07/14/2009 1615  
Date Received: 07/16/2009 1800

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	243	U	ug/Kg	24.7	243	1.0	D4282_02
		Analysis Batch: 220-29332		Date Analyzed: 07/23/2009 1503		DryWt Corrected: Y	
		Prep Batch: 220-29330		Date Prepared: 07/23/2009 1038			

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	18.1		%	0.10	0.10	1.0	Moisture
		Analysis Batch: 220-29187		Date Analyzed: 07/20/2009 1431		DryWt Corrected: N	
Percent Solids	81.9		%	0.10	0.10	1.0	Moisture
		Analysis Batch: 220-29187		Date Analyzed: 07/20/2009 1431		DryWt Corrected: N	

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*Handwritten date: 10/28/02*

Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

General Chemistry

Client Sample ID: WWSB-05 (3-5)

Lab Sample ID: 220-9611-12  
Client Matrix: Solid

% Moisture: 18.3

Date Sampled: 07/14/2009 1410  
Date Received: 07/16/2009 1800

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	245	U	ug/Kg	24.9	245	1.0	D4282_02
	Analysis Batch: 220-29332		Date Analyzed: 07/23/2009 1504		DryWt Corrected: Y		
	Prep Batch: 220-29330		Date Prepared: 07/23/2009 1038				

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	18.3		%	0.10	0.10	1.0	Moisture
	Analysis Batch: 220-29187		Date Analyzed: 07/20/2009 1431		DryWt Corrected: N		
Percent Solids	81.7		%	0.10	0.10	1.0	Moisture
	Analysis Batch: 220-29187		Date Analyzed: 07/20/2009 1431		DryWt Corrected: N		

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

### General Chemistry

Client Sample ID: **WWSB-05 (20-24)**

Lab Sample ID: 220-9611-13

Client Matrix: Solid

% Moisture: 28.5

Date Sampled: 07/14/2009 1545

Date Received: 07/16/2009 1800

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	277		ug/Kg	28.2	277	1.0	D4282_02
Analysis Batch: 220-29332		Date Analyzed: 07/23/2009 1505		DryWt Corrected: Y			
Prep Batch: 220-29330		Date Prepared: 07/23/2009 1038					

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	28.5		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-29187		Date Analyzed: 07/20/2009 1431		DryWt Corrected: N			
Percent Solids	71.5		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-29187		Date Analyzed: 07/20/2009 1431		DryWt Corrected: N			

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Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

General Chemistry

Client Sample ID: WWSB-05

Lab Sample ID: 220-9611-14  
Client Matrix: Water

Date Sampled: 07/15/2009 0915  
Date Received: 07/16/2009 1800

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	166		ug/L	2.9	10.0	1.0	9012B

Analysis Batch: 220-29344      Date Analyzed: 07/23/2009 1719  
Prep Batch: 220-29340      Date Prepared: 07/23/2009 1135

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*10/28/09*

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

### General Chemistry

Client Sample ID: **WWSB-07 (3-5)**

Lab Sample ID: 220-9611-15  
Client Matrix: Solid

% Moisture: 8.2

Date Sampled: 07/15/2009 0930  
Date Received: 07/16/2009 1800

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	217	U	ug/Kg	22.1	217	1.0	D4282_02
		Analysis Batch: 220-29332		Date Analyzed: 07/23/2009 1506		DryWt Corrected: Y	
		Prep Batch: 220-29330		Date Prepared: 07/23/2009 1038			

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	8.2		%	0.10	0.10	1.0	Moisture
		Analysis Batch: 220-29187		Date Analyzed: 07/20/2009 1431		DryWt Corrected: N	
Percent Solids	91.8		%	0.10	0.10	1.0	Moisture
		Analysis Batch: 220-29187		Date Analyzed: 07/20/2009 1431		DryWt Corrected: N	

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**Analytical Data**

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

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**General Chemistry**

Client Sample ID: WWSB-07

Lab Sample ID: 220-9611-16  
Client Matrix: Water

Date Sampled: 07/15/2009 1406  
Date Received: 07/16/2009 1800

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	319		ug/L	5.8	20.0	2.0	9012B

Analysis Batch: 220-29344 Date Analyzed: 07/23/2009 1739  
Prep Batch: 220-29340 Date Prepared: 07/23/2009 1135

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*10/28/09*

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

## General Chemistry

Client Sample ID: **WWSB-10 (49-50)**

Lab Sample ID: 220-9611-17

Client Matrix: Solid

% Moisture: 16.3

Date Sampled: 07/15/2009 1040

Date Received: 07/16/2009 1800

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	238	U	ug/Kg	24.2	238	1.0	D4282_02
	Analysis Batch: 220-29332	Date Analyzed: 07/23/2009 1506					DryWt Corrected: Y
	Prep Batch: 220-29330	Date Prepared: 07/23/2009 1038					

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	16.3		%	0.10	0.10	1.0	Moisture
	Analysis Batch: 220-29187	Date Analyzed: 07/20/2009 1431					DryWt Corrected: N
Percent Solids	83.7		%	0.10	0.10	1.0	Moisture
	Analysis Batch: 220-29187	Date Analyzed: 07/20/2009 1431					DryWt Corrected: N

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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

## General Chemistry

Client Sample ID: **WWSB-10 (51-52)**

Lab Sample ID: 220-9611-18

Client Matrix: Solid

% Moisture: 19.0

Date Sampled: 07/15/2009 1040

Date Received: 07/16/2009 1800

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	246	U	ug/Kg	25.0	246	1.0	D4282_02
	Analysis Batch: 220-29332	Date Analyzed: 07/23/2009 1507					DryWt Corrected: Y
	Prep Batch: 220-29330	Date Prepared: 07/23/2009 1038					

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	19.0		%	0.10	0.10	1.0	Moisture
	Analysis Batch: 220-29187	Date Analyzed: 07/20/2009 1431					DryWt Corrected: N
Percent Solids	81.0		%	0.10	0.10	1.0	Moisture
	Analysis Batch: 220-29187	Date Analyzed: 07/20/2009 1431					DryWt Corrected: N

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**Analytical Data**

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

**General Chemistry**

**Client Sample ID: WWSB-24 (53-55)**

Lab Sample ID: 220-9611-19  
Client Matrix: Solid

% Moisture: 18.1

Date Sampled: 07/16/2009 1330  
Date Received: 07/16/2009 1800

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	243	U	ug/Kg	24.7	243	1.0	D4282_02
Analysis Batch: 220-29332		Date Analyzed: 07/23/2009 1508		DryWt Corrected: Y			
Prep Batch: 220-29330		Date Prepared: 07/23/2009 1038					

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	18.1		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-29187		Date Analyzed: 07/20/2009 1431		DryWt Corrected: N			
Percent Solids	81.9		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-29187		Date Analyzed: 07/20/2009 1431		DryWt Corrected: N			

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Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

General Chemistry

Client Sample ID: WWSB-23 (1-4)

Lab Sample ID: 220-9611-22  
Client Matrix: Solid

% Moisture: 22.0

Date Sampled: 07/16/2009 1100  
Date Received: 07/16/2009 1800

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	153	J ✓	ug/Kg	25.9	254	1.0	D4282_02
	Analysis Batch: 220-29332	Date Analyzed: 07/23/2009 1509					DryWt Corrected: Y
	Prep Batch: 220-29330	Date Prepared: 07/23/2009 1038					

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	22.0		%	0.10	0.10	1.0	Moisture
	Analysis Batch: 220-29187	Date Analyzed: 07/20/2009 1431					DryWt Corrected: N
Percent Solids	78.0		%	0.10	0.10	1.0	Moisture
	Analysis Batch: 220-29187	Date Analyzed: 07/20/2009 1431					DryWt Corrected: N

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Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

General Chemistry

Client Sample ID: WWSB-24 (4-5)

Lab Sample ID: 220-9611-23  
Client Matrix: Solid

% Moisture: 14.9

Date Sampled: 07/16/2009 1050  
Date Received: 07/16/2009 1800

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	231	U	ug/Kg	23.5	231	1.0	D4282_02
Analysis Batch: 220-29332		Date Analyzed: 07/23/2009 1511		DryWt Corrected: Y			
Prep Batch: 220-29330		Date Prepared: 07/23/2009 1038					

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	14.9		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-29187		Date Analyzed: 07/20/2009 1431		DryWt Corrected: N			
Percent Solids	85.1		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-29187		Date Analyzed: 07/20/2009 1431		DryWt Corrected: N			

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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

## General Chemistry

Client Sample ID: WWSB-24 (38-40)

Lab Sample ID: 220-9611-24

Client Matrix: Solid

% Moisture: 23.1

Date Sampled: 07/16/2009 1320

Date Received: 07/16/2009 1800

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	257	U	ug/Kg	26.1	257	1.0	D4282_02
							DryWt Corrected: Y

Analysis Batch: 220-29332 Date Analyzed: 07/23/2009 1512  
Prep Batch: 220-29330 Date Prepared: 07/23/2009 1038

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	23.1		%	0.10	0.10	1.0	Moisture
							DryWt Corrected: N
Percent Solids	76.9		%	0.10	0.10	1.0	Moisture
							DryWt Corrected: N

Analysis Batch: 220-29187 Date Analyzed: 07/20/2009 1431  
Analysis Batch: 220-29187 Date Analyzed: 07/20/2009 1431

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Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

General Chemistry

Client Sample ID: WWSB-07 (19-22)

Lab Sample ID: 220-9611-25  
Client Matrix: Solid

% Moisture: 26.5

Date Sampled: 07/15/2009 1050  
Date Received: 07/16/2009 1800

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	270	U	ug/Kg	27.5	270	1.0	D4282_02
Analysis Batch: 220-29332		Date Analyzed: 07/23/2009 1513		DryWt Corrected: Y			
Prep Batch: 220-29330		Date Prepared: 07/23/2009 1038					

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	26.5		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-29187		Date Analyzed: 07/20/2009 1431		DryWt Corrected: N			
Percent Solids	73.5		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-29187		Date Analyzed: 07/20/2009 1431		DryWt Corrected: N			

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**Analytical Data**

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

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**General Chemistry**

**Client Sample ID:** WWFB-071709

Lab Sample ID: 220-9611-26FB

Client Matrix: Water

Date Sampled: 07/17/2009 1030

Date Received: 07/17/2009 1344

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	10.0	U	ug/L	2.9	10.0	1.0	9012B

Analysis Batch: 220-29344

Date Analyzed: 07/23/2009 1721

Prep Batch: 220-29340

Date Prepared: 07/23/2009 1135

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*10/28/09*



Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

General Chemistry

Client Sample ID: WWSB-23 (31-33)

Lab Sample ID: 220-9611-28  
Client Matrix: Solid

Date Sampled: 07/17/2009 0830  
Date Received: 07/17/2009 1344

% Moisture: 7.2

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	213	U	ug/Kg	21.7	213	1.0	D4282_02
Analysis Batch: 220-29332		Date Analyzed: 07/23/2009 1513		DryWt Corrected: Y			
Prep Batch: 220-29330		Date Prepared: 07/23/2009 1038					

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	7.2		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-29187		Date Analyzed: 07/20/2009 1431		DryWt Corrected: N			
Percent Solids	92.8		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-29187		Date Analyzed: 07/20/2009 1431		DryWt Corrected: N			

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Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

General Chemistry

Client Sample ID: WWSB-23 (62-63)

Lab Sample ID: 220-9611-29  
Client Matrix: Solid

% Moisture: 17.9

Date Sampled: 07/17/2009 0945  
Date Received: 07/17/2009 1344

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	243	U	ug/Kg	24.7	243	1.0	D4282_02
Analysis Batch: 220-29332		Date Analyzed: 07/23/2009 1514		DryWt Corrected: Y			
Prep Batch: 220-29330		Date Prepared: 07/23/2009 1038					
Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	17.9		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-29187		Date Analyzed: 07/20/2009 1431		DryWt Corrected: N			
Percent Solids	82.1		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-29187		Date Analyzed: 07/20/2009 1431		DryWt Corrected: N			

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**Analytical Data**

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

Client Sample ID: **WWSB-03 (3-5)**

Lab Sample ID: 220-9611-5  
Client Matrix: Solid

% Moisture: 12.6

Date Sampled: 07/14/2009 1030  
Date Received: 07/14/2009 1715

**8081A Organochlorine Pesticides (GC)**

Method: 8081A  
Preparation: 3550B  
Dilution: 1.0  
Date Analyzed: 07/29/2009 2247  
Date Prepared: 07/16/2009 0841

Analysis Batch: 220-29687  
Prep Batch: 220-29062

Instrument ID: GC7  
Initial Weight/Volume: 30.03 g  
Final Weight/Volume: 10 mL  
Injection Volume: 1.0 uL  
Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Endrin aldehyde		<del>2.9</del> 3.8U ✓	Jp	0.47	3.8

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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

Client Sample ID: **WWSB-03 (3-5)**

Lab Sample ID: 220-9611-5  
Client Matrix: Solid

% Moisture: 12.6

Date Sampled: 07/14/2009 1030  
Date Received: 07/14/2009 1715

## 8081A Organochlorine Pesticides (GC)

Method: 8081A  
Preparation: 3550B  
Dilution: 1.0  
Date Analyzed: 07/29/2009 2307  
Date Prepared: 07/16/2009 0841

Analysis Batch: 220-29687  
Prep Batch: 220-29062

Instrument ID: GC7  
Initial Weight/Volume: 30.03 g  
Final Weight/Volume: 10 mL  
Injection Volume: 1.0 uL  
Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		3.8	U	0.68	3.8
4,4'-DDE		3.8	U	0.77	3.8
4,4'-DDT		13 <i>UJ</i> ✓	<del>*B</del>	0.93	3.8
Aldrin		1.9	U	0.21	1.9
alpha-BHC		1.9	U	0.28	1.9
beta-BHC		1.9	U	0.43	1.9
delta-BHC		1.9	U	0.42	1.9
Dieldrin		3.8	U	0.65	3.8
Endosulfan I		1.9	U	0.33	1.9
Endosulfan II		<del>1.0</del> 3.8 <i>U</i> ✓	<del>Jp</del>	0.71	3.8
Endosulfan sulfate		3.8	U	0.68	3.8
Endrin		<del>1.8</del> 3.8 <i>U</i> ✓	<del>Jp</del>	0.70	3.8
Endrin ketone		5.9 <i>J</i> ✓	<del>p</del>	0.69	3.8
gamma-BHC (Lindane)		1.9	U	0.33	1.9
Heptachlor		1.9	U	0.36	1.9
Heptachlor epoxide		1.9	U	0.34	1.9
Methoxychlor		19	<i>UJ</i> ✓	4.2	19
Toxaphene		95	U	10	95
alpha-Chlordane		1.9	U	0.31	1.9
gamma-Chlordane		1.9	U	0.61	1.9
Surrogate		%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl		289	*	25 - 159	
Tetrachloro-m-xylene		79		24 - 154	

*J 11/13/09*  
*Jan*  
*10/28/09*

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

Client Sample ID: **WWSB-03**

Lab Sample ID: 220-9611-8

Date Sampled: 07/14/2009 1430

Client Matrix: Water

Date Received: 07/16/2009 1800

### 8081A Organochlorine Pesticides (GC)

Method: 8081A	Analysis Batch: 220-29738	Instrument ID: GC8
Preparation: 3510C	Prep Batch: 220-29151	Initial Weight/Volume: 1000 mL
Dilution: 1.0		Final Weight/Volume: 10 mL
Date Analyzed: 07/31/2009 0412		Injection Volume: 1.0 uL
Date Prepared: 07/17/2009 2046		Result Type: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	0.10	U J ✓	0.013	0.10
4,4'-DDE	0.10	U J ✓	0.011	0.10
4,4'-DDT	0.10	U J ✓	0.014	0.10
Aldrin	0.014 <i>0.050 UJ ✓</i>	J p	0.0071	0.050
alpha-BHC	0.045 <i>0.050 UJ ✓</i>	J p	0.0031	0.050
beta-BHC	0.092 <i>JN ✓</i>	p	0.0072	0.050
delta-BHC	0.084 <i>J ✓</i>		0.0043	0.050
Dieldrin	0.10	U J ✓	0.012	0.10
Endosulfan I	0.0060 <i>0.050 UJ ✓</i>	J p	0.0049	0.050
Endosulfan II	0.10	U J ✓	0.011	0.10
Endosulfan sulfate	0.10	U ✓	0.011	0.10
Endrin	0.10	U ✓	0.014	0.10
Endrin aldehyde	0.10	U ↓ ✓	0.013	0.10
Endrin kefone	0.10	U J ✓	0.017	0.10
gamma-BHC (Lindane)	0.020 <i>0.050 UJ ✓</i>	J p	0.0055	0.050
Heptachlor	0.025 <i>0.050 UJ ✓</i>	J p	0.0061	0.050
Heptachlor epoxide	0.040	J ✓	0.0055	0.050
Methoxychlor	0.50	U J ✓	0.082	0.50
Toxaphene	2.5	U J ✓	0.040	2.5
alpha-Chlordane	0.050	U J ✓	0.0051	0.050
gamma-Chlordane	0.069 <i>JN ✓</i>	p	0.0084	0.050
<hr/>				
Surrogate	%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl	20	*	29 - 120	
Tetrachloro-m-xylene	74		20 - 132	

*Jam*  
 10/28/09

**Analytical Data**

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

Client Sample ID: **WWSB-05 (3-5)**

Lab Sample ID: 220-9611-12

Date Sampled: 07/14/2009 1410

Client Matrix: Solid

% Moisture: 18.3

Date Received: 07/16/2009 1800

**8081A Organochlorine Pesticides (GC)**

Method: 8081A  
Preparation: 3550B  
Dilution: 1.0  
Date Analyzed: 07/31/2009 1810  
Date Prepared: 07/20/2009 1543

Analysis Batch: 220-29668  
Prep Batch: 220-29190

Instrument ID: GC7  
Initial Weight/Volume: 30.39 g  
Final Weight/Volume: 10 mL  
Injection Volume: 1.0 uL  
Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Endrin aldehyde		22 J ✓		0.49	4.0

*Handwritten signature and date: 08/11/09*



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

Client Sample ID: **WWSB-05 (3-5)**

Lab Sample ID: 220-9611-12

Date Sampled: 07/14/2009 1410

Client Matrix: Solid

% Moisture: 18.3

Date Received: 07/16/2009 1800

### 8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch: 220-29677	Instrument ID: GC8
Preparation:	3550B	Prep Batch: 220-29190	Initial Weight/Volume: 30.39 g
Dilution:	1.0		Final Weight/Volume: 10 mL
Date Analyzed:	07/31/2009 1845		Injection Volume: 1.0 uL
Date Prepared:	07/20/2009 1543		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		4.0	U	0.72	4.0
4,4'-DDE		<del>1.1</del> 4.0UJ ✓	Jp	0.81	4.0
4,4'-DDT		4.0	U	0.98	4.0
Aldrin		2.1	U	0.22	2.1
alpha-BHC		2.2 JN /	p	0.29	2.1
beta-BHC		<del>1.4</del> 2.1U ✓	Jp	0.45	2.1
delta-BHC		2.1	U	0.44	2.1
Dieldrin		4.0	U	0.69	4.0
Endosulfan I		2.1	U	0.35	2.1
Endosulfan II		<del>2.2</del> 4.0U ✓	Jp	0.75	4.0
Endosulfan sulfate		4.6 JN ✓	p	0.72	4.0
Endrin		13 J ✓		0.75	4.0
Endrin ketone		4.0	U	0.73	4.0
gamma-BHC (Lindane)		2.1	U	0.35	2.1
Heptachlor		<del>1.4</del> 2.1U ✓	Jp	0.39	2.1
Heptachlor epoxide		2.1	U	0.36	2.1
Methoxychlor		<del>9.1</del> 2.1U ✓	Jp	4.4	21
Toxaphene		100	U	11	100
alpha-Chlordane		2.1	U	0.33	2.1
gamma-Chlordane		3.5 J ✓	pB	0.64	2.1
Surrogate		%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl		171	p *	25 - 159	
Tetrachloro-m-xylene		140		24 - 154	


  
 8/11/09  
 Jm  
 10/28/05

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

Client Sample ID: **WWSB-05**  
Lab Sample ID: 220-9611-14  
Client Matrix: Water

Date Sampled: 07/15/2009 0915  
Date Received: 07/16/2009 1800

### 8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch: 220-29687	Instrument ID: GC7
Preparation:	3510C	Prep Batch: 220-29151	Initial Weight/Volume: 1000 mL
Dilution:	1.0		Final Weight/Volume: 10 mL
Date Analyzed:	07/30/2009 0027		Injection Volume: 1.0 uL
Date Prepared:	07/17/2009 2046		Result Type: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	0.034 <span style="color: red;">0.10 U ✓</span>	Jp	0.013	0.10
4,4'-DDE	0.10	U	0.011	0.10
4,4'-DDT	0.11 <span style="color: red;">J ✓</span>	U	0.014	0.10
Aldrin	0.050	U	0.0071	0.050
alpha-BHC	0.016 <span style="color: red;">0.050 U ✓</span>	Jp	0.0031	0.050
beta-BHC	0.050	U	0.0072	0.050
delta-BHC	0.016 <span style="color: red;">0.050 U ✓</span>	Jp	0.0043	0.050
Dieldrin	0.10	U	0.012	0.10
Endosulfan I	0.023 <span style="color: red;">0.050 U ✓</span>	Jp	0.0049	0.050
Endosulfan II	0.10	U	0.011	0.10
Endosulfan sulfate	0.10	U	0.011	0.10
Endrin	0.10	U	0.014	0.10
Endrin aldehyde	0.10	U	0.013	0.10
Endrin ketone	0.019 <span style="color: red;">0.10 U ✓</span>	Jp	0.017	0.10
gamma-BHC (Lindane)	0.050	U	0.0055	0.050
Heptachlor	0.033	J ✓	0.0061	0.050
Heptachlor epoxide	0.050	U	0.0055	0.050
Methoxychlor	0.50	UJ ✓	0.082	0.50
Toxaphene	2.5	U	0.040	2.5
alpha-Chlordane	0.050	U	0.0051	0.050
gamma-Chlordane	0.050	U	0.0084	0.050
<hr/>				
Surrogate	%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl	35		29 - 120	
Tetrachloro-m-xylene	136	*	20 - 132	



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

Client Sample ID: **WWSB-07 (3-5)**

Lab Sample ID: 220-9611-15

Client Matrix: Solid

% Moisture: 8.2

Date Sampled: 07/15/2009 0930

Date Received: 07/16/2009 1800

### 8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch: 220-29668	Instrument ID: GC7
Preparation:	3550B	Prep Batch: 220-29190	Initial Weight/Volume: 30.02 g
Dilution:	1.0		Final Weight/Volume: 10 mL
Date Analyzed:	07/31/2009 1850		Injection Volume: 1.0 uL
Date Prepared:	07/20/2009 1543		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		3.6	U J ✓	0.65	3.6
4,4'-DDE		3.6	U	0.73	3.6
4,4'-DDT		3.6	U J ✓	0.88	3.6
Aldrin		1.8	U J ✓	0.20	1.8
alpha-BHC		1.8	U	0.27	1.8
beta-BHC		1.8	U J ✓	0.41	1.8
delta-BHC		1.8	U J ✓	0.40	1.8
Dieldrin		3.6	U	0.62	3.6
Endosulfan I		1.8	U J ✓	0.32	1.8
Endosulfan II		3.6	U ↓ ✓	0.68	3.6
Endosulfan sulfate		3.6	U ↓ ✓	0.65	3.6
Endrin		3.6	U J ✓	0.67	3.6
Endrin aldehyde		2.4	J ✓	0.44	3.6
Endrin ketone		3.6	U J ✓	0.66	3.6
gamma-BHC (Lindane)		1.8	U ✓	0.31	1.8
Heptachlor		1.8	U ✓	0.35	1.8
Heptachlor epoxide		1.8	U ✓	0.33	1.8
Methoxychlor		18	U ✓	4.0	18
Toxaphene		90	U ✓	10	90
alpha-Chlordane		1.8	U ✓	0.30	1.8
gamma-Chlordane		1.8	U J ✓	0.58	1.8
Surrogate		%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl		152	P	25 - 159	
Tetrachloro-m-xylene		63		24 - 154	



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

Client Sample ID: WWSB-07

Lab Sample ID: 220-9611-16  
Client Matrix: Water

Date Sampled: 07/15/2009 1406  
Date Received: 07/16/2009 1800

### 8081A Organochlorine Pesticides (GC)

Method: 8081A  
Preparation: 3510C  
Dilution: 1.0  
Date Analyzed: 07/31/2009 0554  
Date Prepared: 07/17/2009 2046

Analysis Batch: 220-29738  
Prep Batch: 220-29151

Instrument ID: GC8  
Initial Weight/Volume: 1000 mL  
Final Weight/Volume: 10 mL  
Injection Volume: 1.0 uL  
Result Type: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Endrin aldehyde	0.10	U J ✓	0.013	0.10

*08/11/2009*  
*Jam*  
*10/28/09*

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

Client Sample ID: **WWSB-07**

Lab Sample ID: 220-9611-16  
Client Matrix: Water

Date Sampled: 07/15/2009 1406  
Date Received: 07/16/2009 1800

### 8081A Organochlorine Pesticides (GC)

Method: 8081A	Analysis Batch: 220-29738	Instrument ID: GC8
Preparation: 3510C	Prep Batch: 220-29151	Initial Weight/Volume: 1000 mL
Dilution: 1.0		Final Weight/Volume: 10 mL
Date Analyzed: 07/31/2009 0620		Injection Volume: 1.0 uL
Date Prepared: 07/17/2009 2046		Result Type: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	0.10	U J ✓	0.013	0.10
4,4'-DDE	0.10	U J ✓	0.011	0.10
4,4'-DDT	0.10	U J ✓	0.014	0.10
Aldrin	0.050	U J ✓	0.0071	0.050
alpha-BHC	<del>0.0059</del> 0.050 U J	Jp ✓	0.0031	0.050
beta-BHC	<del>0.0081</del> 0.050 U J	Jp ✓	0.0072	0.050
delta-BHC	<del>0.012</del> 0.050 U J	Jp ✓	0.0043	0.050
Dieldrin	0.10	U J ✓	0.012	0.10
Endosulfan I	<del>0.011</del> 0.050 U J	Jp ✓	0.0049	0.050
Endosulfan II	0.10	U J ✓	0.011	0.10
Endosulfan sulfate	0.10	U J ✓	0.011	0.10
Endrin	0.10	U J ✓	0.014	0.10
Endrin ketone	0.10	U J ✓	0.017	0.10
gamma-BHC (Lindane)	0.050	U J ✓	0.0055	0.050
Heptachlor	<del>0.023</del> 0.050 U J	Jp ✓	0.0061	0.050
Heptachlor epoxide	<del>0.010</del> 0.050 U J	Jp ✓	0.0055	0.050
Methoxychlor	0.50	U J ✓	0.082	0.50
Toxaphene	2.5	U J ✓	0.040	2.5
alpha-Chlordane	0.050	U J ✓	0.0051	0.050
gamma-Chlordane	0.050	U J ✓	0.0084	0.050
<hr/>				
Surrogate	%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl	11	*	29 - 120	
Tetrachloro-m-xylene	35		20 - 132	



### Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

Client Sample ID: WWSB-23 (1-4)

Lab Sample ID: 220-9611-22

Client Matrix: Solid

% Moisture: 22.0

Date Sampled: 07/16/2009 1100

Date Received: 07/16/2009 1800

#### 8081A Organochlorine Pesticides (GC)

Method: 8081A  
Preparation: 3550B  
Dilution: 5.0  
Date Analyzed: 08/03/2009 2132  
Date Prepared: 07/20/2009 1543

Analysis Batch: 220-29908  
Prep Batch: 220-29190

Instrument ID: GC7  
Initial Weight/Volume: 30.04 g  
Final Weight/Volume: 10 mL  
Injection Volume: 1.0 uL  
Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Endrin aldehyde		<del>4.8</del> 2.10 ✓	J-p	2.6	21

*Handwritten signature and date:* 8/1/2009  
*Handwritten number:* 102909



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

Client Sample ID: **WWSB-23 (1-4)**

Lab Sample ID: 220-9611-22

Date Sampled: 07/16/2009 1100

Client Matrix: Solid

% Moisture: 22.0

Date Received: 07/16/2009 1800

### 8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch: 220-29938	Instrument ID: GC7
Preparation:	3550B	Prep Batch: 220-29190	Initial Weight/Volume: 30.04 g
Dilution:	10		Final Weight/Volume: 10 mL
Date Analyzed:	08/10/2009 2353		Injection Volume: 1.0 uL
Date Prepared:	07/20/2009 1543		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		290 JN ✓	p	7.6	42
4,4'-DDE		320 JN ✓	p	8.6	42
4,4'-DDT		240 J ✓		10	42
Aldrin		12	J ✓	2.3	22
alpha-BHC		22	UJ ✓	3.1	22
beta-BHC		42 J ✓		4.8	22
delta-BHC		12	J ✓	4.7	22
Dieldrin		150 JN ✓	p	7.3	42
Endosulfan I		150 JN ✓	p	3.7	22
Endosulfan II		150 JN ✓	p	8.0	42
Endosulfan sulfate		42	UJ ✓	7.6	42
Endrin		160 J ✓	p	7.9	42
Endrin ketone		<del>39</del> 42 UJ ✓	Jp	7.8	42
gamma-BHC (Lindane)		<del>13</del> 22 UJ ✓	Jp	3.7	22
Heptachlor		22	UJ ✓	4.1	22
Heptachlor epoxide		<del>5.7</del> 22 UJ ✓	Jp	3.9	22
Methoxychlor		290 JN ✓	p	47	220
Toxaphene		1100	UJ ✓	120	1100
alpha-Chlordane		22	UJ ✓	3.5	22
gamma-Chlordane		<del>42</del> 22 UJ ✓	Jp	6.8	22

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	1370	p*	25 - 159
Tetrachloro-m-xylene	90	p	24 - 154

08/10/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

Client Sample ID: **WWSB-24 (4-5)**

Lab Sample ID: 220-9611-23  
Client Matrix: Solid

% Moisture: 14.9

Date Sampled: 07/16/2009 1050  
Date Received: 07/16/2009 1800

### 8081A Organochlorine Pesticides (GC)

Method:	8081A	Analysis Batch: 220-29668	Instrument ID: GC7
Preparation:	3550B	Prep Batch: 220-29190	Initial Weight/Volume: 30.62 g
Dilution:	1.0		Final Weight/Volume: 10 mL
Date Analyzed:	07/31/2009 2009		Injection Volume: 1.0 uL
Date Prepared:	07/20/2009 1543		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		3.8	U J ✓	0.68	3.8
4,4'-DDE		3.8	U	0.77	3.8
4,4'-DDT		3.8	U J ✓	0.93	3.8
Aldrin		2.0	U J ✓	0.21	2.0
alpha-BHC		2.0	U	0.28	2.0
beta-BHC		2.0	U J ✓	0.43	2.0
delta-BHC		2.0	U J ✓	0.42	2.0
Dieldrin		3.8	U	0.66	3.8
Endosulfan I		2.0	U J ✓	0.34	2.0
Endosulfan II		3.8	U J ✓	0.72	3.8
Endosulfan sulfate		3.8	U J ✓	0.68	3.8
Endrin		3.8	U J ✓	0.71	3.8
Endrin aldehyde		29 J	U J ✓	0.47	3.8
Endrin ketone		3.8	U J ✓	0.70	3.8
gamma-BHC (Lindane)		2.0	U J ✓	0.33	2.0
Heptachlor		2.0	U J ✓	0.37	2.0
Heptachlor epoxide		2.0	U J ✓	0.35	2.0
Methoxychlor		20	U J ✓	4.2	20
Toxaphene		96	U J ✓	11	96
alpha-Chlordane		2.0	U J ✓	0.32	2.0
gamma-Chlordane		2.0	U J ✓	0.61	2.0
<hr/>					
Surrogate		%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl		606	p *	25 - 159	
Tetrachloro-m-xylene		74	p	24 - 154	

8/11/09  
JAM  
10/14/09

# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

Client Sample ID: WWSB-24 (4-5)

Lab Sample ID: 220-9611-23

Date Sampled: 07/16/2009 1050

Client Matrix: Solid

% Moisture: 14.9

Date Received: 07/16/2009 1800

## 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch:	220-29648	Instrument ID:	GC4
Preparation:	3550B	Prep Batch:	220-29190	Initial Weight/Volume:	30.62 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	07/30/2009 1959			Injection Volume:	1.0 uL
Date Prepared:	07/20/2009 1543			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		20	U	1.5	20
PCB-1221		20	U	1.5	20
PCB-1232		20	U	1.5	20
PCB-1242		20	U	1.5	20
PCB-1248		20	U	1.5	20
PCB-1254		20	U	1.7	20
PCB-1260		20	U	1.7	20

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	53		24 - 150
DCB Decachlorobiphenyl	232	*	24 - 150

*AS* 11/4/09  
Dam  
10/28/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

Client Sample ID: **WWSB-03 (3-5)**

Lab Sample ID: 220-9611-5

Date Sampled: 07/14/2009 1030

Client Matrix: Solid

% Moisture: 12.6

Date Received: 07/14/2009 1715

### 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 220-29357	Instrument ID: GC9
Preparation:	3550B	Prep Batch: 220-29062	Initial Weight/Volume: 30.03 g
Dilution:	1.0		Final Weight/Volume: 10 mL
Date Analyzed:	07/23/2009 2051		Injection Volume: 1.0 uL
Date Prepared:	07/16/2009 0841		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		19	U	1.5	19
PCB-1221		19	U	1.5	19
PCB-1232		19	U	1.5	19
PCB-1242		19	U	1.5	19
PCB-1248		19	U	1.5	19
PCB-1254		19	U	1.6	19
PCB-1260		16	J ✓	1.6	19

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	118		24 - 150
DCB Decachlorobiphenyl	159	*	24 - 150

9/11/09  
Jm  
10/28/09

**Analytical Data**

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

Client Sample ID: **WWSB-03 (3-5)**

Lab Sample ID: 220-9611-5  
Client Matrix: Solid

% Moisture: 12.6

Date Sampled: 07/14/2009 1030  
Date Received: 07/14/2009 1715

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**8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography**

Method:	8082	Analysis Batch: 220-29357	Instrument ID:	GC9
Preparation:	3550B	Prep Batch: 220-29062	Initial Weight/Volume:	30.03 g
Dilution:	1.0		Final Weight/Volume:	10 mL
Date Analyzed:	07/23/2009 2051		Injection Volume:	1.0 uL
Date Prepared:	07/16/2009 0841		Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	118		24 - 150
DCB Decachlorobiphenyl	156	*	24 - 150

*QP 11/4/09*

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

Client Sample ID: **WWSB-03**

Lab Sample ID: 220-9611-8

Date Sampled: 07/14/2009 1430

Client Matrix: Water

Date Received: 07/16/2009 1800

### 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 220-29357	Instrument ID: GC9
Preparation:	3510C	Prep Batch: 220-29151	Initial Weight/Volume: 1000 mL
Dilution:	1.0		Final Weight/Volume: 10 mL
Date Analyzed:	07/23/2009 2225		Injection Volume: 1.0 uL
Date Prepared:	07/17/2009 2046		Result Type: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.50	U <i>J</i> ✓	0.050	0.50
PCB-1221	0.50	U ✓	0.050	0.50
PCB-1232	0.50	U ✓	0.050	0.50
PCB-1242	0.50	U ✓	0.050	0.50
PCB-1248	0.50	U ✓	0.050	0.50
PCB-1254	0.50	U ✓	0.082	0.50
PCB-1260	0.50	U <i>J</i> ✓	0.082	0.50

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	62		22 - 145
DCB Decachlorobiphenyl	21	*	29 - 135

*AS* 11/4/09  
*JAM*  
 10/28/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

Client Sample ID: **WWSB-05 (3-5)**

Lab Sample ID: 220-9611-12

Date Sampled: 07/14/2009 1410

Client Matrix: Solid

% Moisture: 18.3

Date Received: 07/16/2009 1800

### 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 220-29648	Instrument ID: GC4
Preparation:	3550B	Prep Batch: 220-29190	Initial Weight/Volume: 30.39 g
Dilution:	1.0		Final Weight/Volume: 10 mL
Date Analyzed:	07/30/2009 1941		Injection Volume: 1.0 uL
Date Prepared:	07/20/2009 1543		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		21	U	1.6	21
PCB-1221		21	U	1.6	21
PCB-1232		21	U	1.6	21
PCB-1242		21	U	1.6	21
PCB-1248		21	U	1.6	21
PCB-1254		21	U	1.7	21
PCB-1260		21	U	1.7	21

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	135		24 - 150
DCB Decachlorobiphenyl	573	*	24 - 150

08/11/09  
 Jan  
 10/28/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

**Client Sample ID: WWSB-05**

Lab Sample ID: 220-9611-14

Date Sampled: 07/15/2009 0915

Client Matrix: Water

Date Received: 07/16/2009 1800

### 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082	Analysis Batch: 220-29357	Instrument ID: GC9
Preparation: 3510C	Prep Batch: 220-29151	Initial Weight/Volume: 1000 mL
Dilution: 1.0		Final Weight/Volume: 10 mL
Date Analyzed: 07/23/2009 2322		Injection Volume: 1.0 uL
Date Prepared: 07/17/2009 2046		Result Type: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.50	U J ✓	0.050	0.50
PCB-1221	0.50	U ✓	0.050	0.50
PCB-1232	0.50	U ✓	0.050	0.50
PCB-1242	0.50	U ✓	0.050	0.50
PCB-1248	0.50	U ✓	0.050	0.50
PCB-1254	0.50	U ✓	0.082	0.50
PCB-1260	0.50	U J ✓	0.082	0.50
<hr/>				
Surrogate	%Rec	Qualifier	Acceptance Limits	
Tetrachloro-m-xylene	23		22 - 145	
DCB Decachlorobiphenyl	16	*	29 - 135	

Jan 10/28/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1

Sdg Number: 220-9611

**Client Sample ID: WWSB-07 (3-5)**

Lab Sample ID: 220-9611-15

Date Sampled: 07/15/2009 0930

Client Matrix: Solid

% Moisture: 8.2

Date Received: 07/16/2009 1800

### 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 220-29648	Instrument ID: GC4
Preparation:	3550B	Prep Batch: 220-29501	Initial Weight/Volume: 30.85 g
Dilution:	1.0		Final Weight/Volume: 10.0 mL
Date Analyzed:	07/30/2009 2017		Injection Volume: 1.0 uL
Date Prepared:	07/29/2009 2148		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		18	U J ✓	1.4	18
PCB-1221		18	U ✓	1.4	18
PCB-1232		18	U ✓	1.4	18
PCB-1242		18	U ✓	1.4	18
PCB-1248		18	U ✓	1.4	18
PCB-1254		18	U ✓	1.5	18
PCB-1260		18	U J ✓	1.5	18
<hr/>					
Surrogate		%Rec	Qualifier	Acceptance Limits	
Tetrachloro-m-xylene		15	*	24 - 150	
DCB Decachlorobiphenyl		25		24 - 150	

Jan  
 10/28/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

Client Sample ID: **WWSB-07**

Lab Sample ID: 220-9611-16  
Client Matrix: Water

Date Sampled: 07/15/2009 1406  
Date Received: 07/16/2009 1800

### 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 220-29357	Instrument ID: GC9
Preparation:	3510C	Prep Batch: 220-29151	Initial Weight/Volume: 1000 mL
Dilution:	1.0		Final Weight/Volume: 10 mL
Date Analyzed:	07/23/2009 2341		Injection Volume: 1.0 uL
Date Prepared:	07/17/2009 2046		Result Type: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.50	U J ✓	0.050	0.50
PCB-1221	0.50	U ✓	0.050	0.50
PCB-1232	0.50	U ✓	0.050	0.50
PCB-1242	0.50	U ✓	0.050	0.50
PCB-1248	0.50	U ✓	0.050	0.50
PCB-1254	0.50	U ✓	0.082	0.50
PCB-1260	0.50	U J ✓	0.082	0.50

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	28		22 - 145
DCB Decachlorobiphenyl	23	*	29 - 135

JAM  
 10/28/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9611-1  
Sdg Number: 220-9611

Client Sample ID: **WWSB-23 (1-4)**

Lab Sample ID: 220-9611-22

Date Sampled: 07/16/2009 1100

Client Matrix: Solid

% Moisture: 22.0

Date Received: 07/16/2009 1800

### 8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082	Analysis Batch: 220-29688	Instrument ID: GC4
Preparation: 3550B	Prep Batch: 220-29501	Initial Weight/Volume: 30.58 g
Dilution: 5.0		Final Weight/Volume: 10.0 mL
Date Analyzed: 08/03/2009 1238		Injection Volume: 1.0 uL
Date Prepared: 07/29/2009 2148		Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		110	U	8.3	110
PCB-1221		110	U	8.3	110
PCB-1232		110	U	8.3	110
PCB-1242		110	U	8.3	110
PCB-1248		110	U	8.3	110
PCB-1254		110	U	9.1	110
PCB-1260		110	U	9.1	110
Surrogate		%Rec	Qualifier	Acceptance Limits	
Tetrachloro-m-xylene		70		24 - 150	
DCB Decachlorobiphenyl		154	*	24 - 150	

OS 11/4/09  
JSM  
10/28/09

TestAmerica Connecticut

Client Sample ID: WWSB-03 (3-5)

GC Semivolatiles

Lot-Sample #...: A9G180110-001    Work Order #...: LGN6C1AC    Matrix.....: SO  
Date Sampled...: 07/14/09 10:30    Date Received...: 07/18/09  
Prep Date.....: 07/20/09    Analysis Date...: 07/21/09  
Prep Batch #...: 9201036  
Dilution Factor: 1    Initial Wgt/Vol: 50.11 g    Final Wgt/Vol...: 100 mL  
% Moisture.....: 19    Method.....: SW846 8151A

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>	<u>UNITS</u>	<u>MDL</u>
2,4-D	ND <i>UJ ✓</i>	99	ug/kg	45
2,4,5-TP	ND	25	ug/kg	2.7
2,4,5-T	ND	25	ug/kg	4.0

<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>
<u>RECOVERY</u>	<u>LIMITS</u>	
2,4-Dichlorophenylacetic acid	72	(19 - 122)

**NOTE (S) :**

Results and reporting limits have been adjusted for dry weight.

*JS 11/4/09*  
*EMM*  
*10/26/09*



TestAmerica Connecticut

Client Sample ID: WWSB-03

GC Semivolatiles

Lot-Sample #...: A9G180110-002    Work Order #...: LGN6D1AA    Matrix.....: WG  
Date Sampled...: 07/14/09 14:30    Date Received...: 07/18/09  
Prep Date.....: 07/20/09    Analysis Date...: 07/21/09  
Prep Batch #...: 9201034  
Dilution Factor: 1    Initial Wgt/Vol: 500 mL    Final Wgt/Vol...: 100 mL  
Method.....: SW846 8151A

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
2,4,5-T	ND	1.0	ug/L	0.17
2,4-D	ND <i>UJ ✓</i>	4.0	ug/L	1.5
2,4,5-TP	ND	1.0	ug/L	0.16

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
2,4-Dichlorophenylacetic acid	82	(32 - 112)

*OP 11/14/09  
EMM  
10/26/09*

TestAmerica Connecticut

Client Sample ID: WWSB-05 (3-5)

GC Semivolatiles

Lot-Sample #...: A9G180110-003    Work Order #...: LGN6E1AC    Matrix.....: SO  
Date Sampled...: 07/14/09 14:10    Date Received...: 07/18/09  
Prep Date.....: 07/20/09    Analysis Date...: 07/21/09  
Prep Batch #...: 9201036  
Dilution Factor: 1    Initial Wgt/Vol: 50.09 g    Final Wgt/Vol...: 100 mL  
% Moisture.....: 9.2    Method.....: SW846 8151A

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
2,4-D	ND <i>UJ ✓</i>	88	ug/kg	40
2,4,5-TP	ND	22	ug/kg	2.4
2,4,5-T	ND	22	ug/kg	3.5
	<u>PERCENT</u>	<u>RECOVERY</u>		
<u>SURROGATE</u>	<u>RECOVERY</u>	<u>LIMITS</u>		
2,4-Dichlorophenylacetic acid	88	(19 - 122)		

**NOTE (S) :**

Results and reporting limits have been adjusted for dry weight.

*OP 11/14/09  
ERM  
10/26/09*

TestAmerica Connecticut

Client Sample ID: WWSB-05

GC Semivolatiles

Lot-Sample #...: A9G180110-004    Work Order #...: LGN6G1AA    Matrix.....: WG  
Date Sampled...: 07/15/09 09:15    Date Received..: 07/18/09  
Prep Date.....: 07/20/09    Analysis Date...: 07/21/09  
Prep Batch #...: 9201034  
Dilution Factor: 1    Initial Wgt/Vol: 500 mL    Final Wgt/Vol...: 100 mL  
Method.....: SW846 8151A

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>	<u>UNITS</u>	<u>MDL</u>
2,4,5-T	ND	1.0	ug/L	0.17
2,4-D	ND <i>UJ✓</i>	4.0	ug/L	1.5
2,4,5-TP	ND	1.0	ug/L	0.16
<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>		
2,4-Dichlorophenylacetic acid	RECOVERY	LIMITS		
	93	(32 - 112)		

*OP 11/4/09*  
*EMM*  
*10/26/09*  
08/31/2009 50



TestAmerica Connecticut

Client Sample ID: WWSB-07 (3-5)

GC Semivolatiles

Lot-Sample #...: A9G180110-005    Work Order #...: LGN6H1AC    Matrix.....: SO  
Date Sampled...: 07/15/09 09:30    Date Received...: 07/18/09  
Prep Date.....: 07/20/09    Analysis Date...: 07/21/09  
Prep Batch #...: 9201036  
Dilution Factor: 1    Initial Wgt/Vol: 50.04 g    Final Wgt/Vol...: 100 mL  
% Moisture.....: 11    Method.....: SW846 8151A

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
2,4-D	ND <i>UJ ✓</i>	90	ug/kg	41
2,4,5-TP	ND	23	ug/kg	2.5
2,4,5-T	ND	23	ug/kg	3.6

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
2,4-Dichlorophenylacetic acid	76	(19 - 122)

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

*PS 11/4/09  
EMM  
10/26/09*

TestAmerica Connecticut

Client Sample ID: WWSB-07

GC Semivolatiles

Lot-Sample #...: A9G180110-006    Work Order #...: LGN6K1AA    Matrix.....: WG  
Date Sampled...: 07/15/09 14:06    Date Received...: 07/18/09  
Prep Date.....: 07/20/09    Analysis Date...: 07/21/09  
Prep Batch #...: 9201034  
Dilution Factor: 1    Initial Wgt/Vol: 500 mL    Final Wgt/Vol...: 100 mL  
Method.....: SW846 8151A

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
2,4,5-T	ND	1.0	ug/L	0.17
2,4-D	ND <i>VJ ✓</i>	4.0	ug/L	1.5
2,4,5-TP	ND	1.0	ug/L	0.16
<u>SURROGATE</u>		<u>PERCENT</u>	<u>RECOVERY</u>	
2,4-Dichlorophenylacetic acid		<u>RECOVERY</u>	<u>LIMITS</u>	
		89	(32 - 112)	

*gs 11/4/09*  
*EMM*  
*10/26/09*  
08/31/2009 64

TestAmerica Connecticut

Client Sample ID: WWSB-23 (1-4)

GC Semivolatiles

Lot-Sample #...: A9G180110-007    Work Order #...: LGN6N1AC    Matrix.....: SO  
Date Sampled...: 07/16/09 11:00    Date Received...: 07/18/09  
Prep Date.....: 07/20/09    Analysis Date...: 07/22/09  
Prep Batch #...: 9201036  
Dilution Factor: 5    Initial Wgt/Vol: 50.11 g    Final Wgt/Vol...: 100 mL  
% Moisture.....: 21    Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
2,4-D	ND <i>UJ</i> ✓	500	ug/kg	230
2,4,5-TP	ND	130	ug/kg	14
2,4,5-T	ND <i>UJ</i> ✓	130	ug/kg	20
	PERCENT	RECOVERY		
SURROGATE	RECOVERY	LIMITS		
2,4-Dichlorophenylacetic acid	119 DIL	(19 - 122)		

**NOTE (S) :**

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.  
Results and reporting limits have been adjusted for dry weight.  
Elevated reporting limits. The reporting limits are elevated due to matrix interference.

*UJ* 11/4/09  
*Emm*  
10/26/09  
08/31/2009 71



TestAmerica Connecticut

Client Sample ID: WWSB-24 (4-5)

GC Semivolatiles

Lot-Sample #...: A9G180110-008    Work Order #...: LGN6P1AC    Matrix.....: SO  
Date Sampled...: 07/16/09 10:50    Date Received...: 07/18/09  
Prep Date.....: 07/20/09    Analysis Date...: 07/21/09  
Prep Batch #...: 9201036  
Dilution Factor: 1    Initial Wgt/Vol: 50.17 g    Final Wgt/Vol...: 100 mL  
% Moisture.....: 19    Method.....: SW846 8151A

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>	<u>UNITS</u>	<u>MDL</u>
2,4-D	ND <i>VJ ✓</i>	98	ug/kg	44
2,4,5-TP	ND	25	ug/kg	2.7
2,4,5-T	ND	25	ug/kg	3.9
	<u>PERCENT</u>	<u>RECOVERY</u>		
<u>SURROGATE</u>	<u>RECOVERY</u>	<u>LIMITS</u>		
2,4-Dichlorophenylacetic acid	55	(19 - 122)		

**NOTE (S) :**

Results and reporting limits have been adjusted for dry weight.

*07/16/09*  
*Erms*  
*10/22/09*  
08/31/2009 78



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1  
Sdg Number: 220-9672

Client Sample ID: **WWSB-20 (55-57)**

Lab Sample ID: 220-9672-1  
Client Matrix: Solid

% Moisture: 23.1

Date Sampled: 07/21/2009 1500  
Date Received: 07/21/2009 1945

### 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B	Analysis Batch: 220-30019	Instrument ID: MSL
Preparation: 5030B	Prep Batch: 220-29608	Lab File ID: L6443.D
Dilution: 2.0		Initial Weight/Volume: 5 g
Date Analyzed: 08/04/2009 1230		Final Weight/Volume: 10 mL
Date Prepared: 07/29/2009 1055		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		3300	U <i>UJ</i> ✓	620	3300
Benzene		13000		170	1300
Bromodichloromethane		1300	U	180	1300
Bromoform		1300	U	210	1300
Bromomethane		1300	U	240	1300
Methyl Ethyl Ketone		1300	U <i>UJ</i> ✓	290	1300
Carbon disulfide		1300	U	170	1300
Carbon tetrachloride		1300	U	200	1300
Chlorobenzene		1300	U	160	1300
Chloroethane		1300	U	210	1300
Chloroform		1300	U	160	1300
Chloromethane		1300	U	170	1300
Dibromochloromethane		1300	U	200	1300
1,1-Dichloroethane		1300	U	190	1300
1,2-Dichloroethane		1300	U	150	1300
1,1-Dichloroethene		1300	U ✓	200	1300
1,2-Dichloropropane		1300	U	140	1300
cis-1,3-Dichloropropene		1300	U	160	1300
trans-1,3-Dichloropropene		1300	U	160	1300
Ethylbenzene		35000		140	1300
2-Hexanone		1300	U <i>UJ</i> ✓	340	1300
Methylene Chloride	<i>13000</i>	<del>540</del>	<del>U</del> <i>UJ</i> ✓	210	1300
methyl isobutyl ketone		1300	U <i>UJ</i> ✓	210	1300
Styrene		1300	U	210	1300
1,1,2,2-Tetrachloroethane		1300	U	170	1300
Tetrachloroethene		1300	U	210	1300
Toluene		16000		190	1300
1,1,1-Trichloroethane		1300	U	160	1300
1,1,2-Trichloroethane		1300	U	180	1300
Trichloroethene		1300	U	170	1300
Vinyl chloride		1300	U	170	1300
Xylenes, Total		42000	<i>U</i> ✓	550	1300
cis-1,2-Dichloroethene		1300	U	160	1300
trans-1,2-Dichloroethene		1300	U	140	1300

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		52 - 119
4-Bromofluorobenzene	99		63 - 128
Dibromofluoromethane	99		53 - 121
Toluene-d8 (Surr)	106		55 - 121





## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1  
Sdg Number: 220-9672

Client Sample ID: **WWSB-20 (62-63)**

Lab Sample ID: 220-9672-3  
Client Matrix: Solid

% Moisture: 21.6

Date Sampled: 07/21/2009 1510  
Date Received: 07/21/2009 1945

### 8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-29295	Instrument ID: MSO
Preparation:	5030B		Lab File ID: O1916.D
Dilution:	1.0		Initial Weight/Volume: 5 g
Date Analyzed:	07/22/2009 0251		Final Weight/Volume: 5 mL
Date Prepared:	07/22/2009 0251		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	260	<del>12</del>	<del>JB*</del> <b>DT</b>	2.9	26
Benzene	20.5	<del>20</del> 20		0.73	6.4
Bromodichloromethane		6.4	U	0.38	6.4
Bromoform		6.4	U	0.78	6.4
Bromomethane		6.4	U	2.7	6.4
Methyl Ethyl Ketone		13	U	2.0	13
Carbon disulfide		6.4	U	0.52	6.4
Carbon tetrachloride		6.4	U	1.2	6.4
Chlorobenzene		6.4	U	0.75	6.4
Chloroethane		6.4	U	1.2	6.4
Chloroform		6.4	U	0.43	6.4
Chloromethane		6.4	U	0.99	6.4
Dibromochloromethane		6.4	U	0.45	6.4
1,1-Dichloroethane		6.4	U	0.38	6.4
1,2-Dichloroethane		6.4	U	0.74	6.4
1,1-Dichloroethene		6.4	U	0.74	6.4
1,2-Dichloropropane		6.4	U	0.85	6.4
cis-1,3-Dichloropropene		6.4	U	0.71	6.4
trans-1,3-Dichloropropene		6.4	U	0.34	6.4
Ethylbenzene		26		0.89	6.4
2-Hexanone		13	U	1.5	13
Methylene Chloride	260	<del>8.0</del>	<del>JB</del> ✓	1.4	26
methyl isobutyl ketone		6.4	U	0.70	6.4
Styrene	6.40	<del>0.28</del>	<del>JB</del> ✓	0.19	6.4
1,1,2,2-Tetrachloroethane		6.4	U	0.66	6.4
Tetrachloroethene		6.4	U	1.0	6.4
Toluene	120	<del>12</del>	<del>B</del> ✓	0.094	6.4
1,1,1-Trichloroethane		6.4	U	0.68	6.4
1,1,2-Trichloroethane		6.4	U	0.47	6.4
Trichloroethene		6.4	U	1.0	6.4
Vinyl chloride		6.4	U	0.29	6.4
Xylenes, Total		30		0.62	6.4
cis-1,2-Dichloroethene		1.5	<del>J</del> <b>DT</b> ✓	0.47	6.4
trans-1,2-Dichloroethene		6.4	U	0.50	6.4

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	76		59 - 132
4-Bromofluorobenzene	78		34 - 124
Dibromofluoromethane	77		59 - 123
Toluene-d8 (Surr)	79		50 - 118

*9/28/09*

*EMM  
9/31/09*



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1  
Sdg Number: 220-9672

**Client Sample ID: WWSB-21 (15-25)**

Lab Sample ID: 220-9672-4  
Client Matrix: Water

Date Sampled: 07/22/2009 1245  
Date Received: 07/23/2009 1815

### 8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-29765	Instrument ID: MSW
Preparation:	5030B		Lab File ID: W7234.D
Dilution:	50		Initial Weight/Volume: 5 mL
Date Analyzed:	08/04/2009 1832		Final Weight/Volume: 5 mL
Date Prepared:	08/04/2009 1832		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	<del>75</del> <span style="color: red; font-size: 1.2em;">5000-</span>	J ✓	52	500
Benzene	4000		37	250
Bromodichloromethane	250	U	24	250
Bromoform	250	U	23	250
Bromomethane	250	U	110	250
Methyl Ethyl Ketone	500	U	54	500
Carbon disulfide	250	U	45	250
Carbon tetrachloride	250	U	54	250
Chlorobenzene	250	U	36	250
Chloroethane	250	U	53	250
Chloroform	250	U	34	250
Chloromethane	250	U	54	250
Dibromochloromethane	250	U	28	250
1,1-Dichloroethane	250	U	52	250
1,2-Dichloroethane	250	U	36	250
1,1-Dichloroethene	250	U	42	250
1,2-Dichloropropane	250	U	36	250
cis-1,3-Dichloropropene	250	U	14	250
trans-1,3-Dichloropropene	250	U	28	250
Ethylbenzene	850		44	250
2-Hexanone	500	U	54	500
Methylene Chloride	<del>130</del> <span style="color: red; font-size: 1.2em;">2500</span>	J B ✓	39	250
methyl isobutyl ketone	500	U	19	500
Styrene	400		32	250
1,1,2,2-Tetrachloroethane	250	U	40	250
Tetrachloroethene	250	U	40	250
Toluene	2000		36	250
1,1,1-Trichloroethane	250	U	34	250
1,1,2-Trichloroethane	250	U	32	250
Trichloroethene	250	U	31	250
Vinyl chloride	250	U	50	250
Xylenes, Total	3200		110	250
cis-1,2-Dichloroethene	250	U	50	250
trans-1,2-Dichloroethene	250	U	38	250

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		65 - 136
4-Bromofluorobenzene	87		51 - 142
Dibromofluoromethane	94		68 - 132
Toluene-d8 (Surr)	86		63 - 127

9/28/09  
Emm  
9/3/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1

Sdg Number: 220-9672

**Client Sample ID: WWSB-21 (33-34)**

Lab Sample ID: 220-9672-5

Date Sampled: 07/22/2009 1445

Client Matrix: Solid

% Moisture: 20.9

Date Received: 07/23/2009 1815

### 8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-29719	Instrument ID: MSL
Preparation:	5030B	Prep Batch: 220-29726	Lab File ID: L6394.D
Dilution:	10		Initial Weight/Volume: 5 g
Date Analyzed:	07/31/2009 1638		Final Weight/Volume: 10 mL
Date Prepared:	07/29/2009 1200		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		16000	U	3000	16000
Benzene		23000		830	6300
Bromodichloromethane		6300	U	870	6300
Bromoform		6300	U	1000	6300
Bromomethane		6300	U	1200	6300
Methyl Ethyl Ketone		6300	U	1400	6300
Carbon disulfide		6300	U	830	6300
Carbon tetrachloride		6300	U	970	6300
Chlorobenzene		6300	U	780	6300
Chloroethane		6300	U	1000	6300
Chloroform		6300	U	780	6300
Chloromethane		6300	U	810	6300
Dibromochloromethane		6300	U	990	6300
1,1-Dichloroethane		6300	U	910	6300
1,2-Dichloroethane		6300	U	750	6300
1,1-Dichloroethene		6300	U	950	6300
1,2-Dichloropropane		6300	U	660	6300
cis-1,3-Dichloropropene		6300	U	770	6300
trans-1,3-Dichloropropene		6300	U	780	6300
Ethylbenzene		160000		660	6300
2-Hexanone		6300	U	1600	6300
Methylene Chloride		<del>1900</del>	<del>J-B</del>	1000	6300
methyl isobutyl ketone		6300	U	1000	6300
Styrene		6300	U	1000	6300
1,1,2,2-Tetrachloroethane		6300	U	830	6300
Tetrachloroethene		6300	U	1000	6300
Toluene		17000		910	6300
1,1,1-Trichloroethane		6300	U	780	6300
1,1,2-Trichloroethane		6300	U	860	6300
Trichloroethene		6300	U	820	6300
Vinyl chloride		6300	U	850	6300
Xylenes, Total		170000		2700	6300
cis-1,2-Dichloroethene		6300	U	760	6300
trans-1,2-Dichloroethene		6300	U	670	6300

6300 U

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		52 - 119
4-Bromofluorobenzene	111		63 - 128
Dibromofluoromethane	114		53 - 121
Toluene-d8 (Surr)	115		55 - 121

9/28/09

EMM  
9/3/09





## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1

Sdg Number: 220-9672

Client Sample ID: **WWSB-21 (40-50)**

Lab Sample ID: 220-9672-7

Date Sampled: 07/23/2009 1300

Client Matrix: Water

Date Received: 07/23/2009 1815

### 8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-29504	Instrument ID: MSW
Preparation:	5030B		Lab File ID: W7133.D
Dilution:	100		Initial Weight/Volume: 5 mL
Date Analyzed:	07/28/2009 2027		Final Weight/Volume: 5 mL
Date Prepared:	07/28/2009 2027		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1000	U	100	1000
Benzene	8300		74	500
Bromodichloromethane	500	U	48	500
Bromoform	500	U	46	500
Bromomethane	500	U	210	500
Methyl Ethyl Ketone	1000	U	110	1000
Carbon disulfide	500	U	90	500
Carbon tetrachloride	500	U	110	500
Chlorobenzene	500	U	72	500
Chloroethane	500	U	110	500
Chloroform	500	U	67	500
Chloromethane	500	U	110	500
Dibromochloromethane	500	U	55	500
1,1-Dichloroethane	500	U	100	500
1,2-Dichloroethane	500	U	72	500
1,1-Dichloroethene	500	U	83	500
1,2-Dichloropropane	500	U	71	500
cis-1,3-Dichloropropene	500	U	28	500
trans-1,3-Dichloropropene	500	U	57	500
Ethylbenzene	1600		87	500
2-Hexanone	1000	U	110	1000
Methylene Chloride	<del>140</del> <b>5000</b>	<del>U</del> <b>J B</b>	<del>78</del> <b>VJ</b>	500
methyl isobutyl ketone	1000	U	38	1000
Styrene	500	U	64	500
1,1,2-Tetrachloroethane	500	U	81	500
Tetrachloroethene	500	U	81	500
Toluene	2700		72	500
1,1,1-Trichloroethane	500	U	69	500
1,1,2-Trichloroethane	500	U	65	500
Trichloroethene	500	U	62	500
Vinyl chloride	500	U	99	500
Xylenes, Total	1800		230	500
cis-1,2-Dichloroethene	130	<b>J</b> ✓	99	500
trans-1,2-Dichloroethene	240	<b>J</b> ✓	76	500

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		65 - 136
4-Bromofluorobenzene	94		51 - 142
Dibromofluoromethane	105		68 - 132
Toluene-d8 (Surr)	99		63 - 127

9/28/09  
 ER ✓  
 9/3/09



# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1

Sdg Number: 220-9672

Client Sample ID: WWTB-072309

Lab Sample ID: 220-9672-8TB

Date Sampled: 07/23/2009 1335

Client Matrix: Water

Date Received: 07/23/2009 1815

## 8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-29443	Instrument ID:	MSW
Preparation:	5030B		Lab File ID:	W7079.D
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	07/27/2009 1755		Final Weight/Volume:	5 mL
Date Prepared:	07/27/2009 1755			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U <i>UJ</i> ✓	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U <i>UJ</i> ✓	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U <i>UJ</i> ✓	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	1.1	U <i>JBJ</i> ✓	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114		65 - 136
4-Bromofluorobenzene	101		51 - 142
Dibromofluoromethane	111		68 - 132
Toluene-d8 (Surr)	108		63 - 127

*9/28/09*  
*EMM*  
*9/3/09*

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1  
Sdg Number: 220-9672

**Client Sample ID: WWFB-072309**

Lab Sample ID: 220-9672-9FB  
Client Matrix: Water

Date Sampled: 07/23/2009 1345  
Date Received: 07/23/2009 1815

### 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B	Analysis Batch: 220-29504	Instrument ID: MSW	
Preparation: 5030B		Lab File ID: W7136.D	
Dilution: 1.0		Initial Weight/Volume: 5 mL	
Date Analyzed: 07/28/2009 2141		Final Weight/Volume: 5 mL	
Date Prepared: 07/28/2009 2141			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.6	J J ✓	1.0	10
Benzene	1.0	J J ✓	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	4.9	J J ✓	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112		65 - 136
4-Bromofluorobenzene	81		51 - 142
Dibromofluoromethane	108		68 - 132
Toluene-d8 (Surr)	90		63 - 127

9/28/09  
 EMM  
 9/3/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1  
Sdg Number: 220-9672

**Client Sample ID: WWSB-22 (37-38)**

Lab Sample ID: 220-9672-10  
Client Matrix: Solid

% Moisture: 17.5

Date Sampled: 07/24/2009 1300  
Date Received: 07/24/2009 1809

### 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B	Analysis Batch: 220-29560	Instrument ID: MSL
Preparation: 5030B	Prep Batch: 220-29608	Lab File ID: L6360.D
Dilution: 20		Initial Weight/Volume: 5 g
Date Analyzed: 07/29/2009 1939		Final Weight/Volume: 10 mL
Date Prepared: 07/29/2009 1055		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		30000	U	5800	30000
Benzene		90000		1600	12000
Bromodichloromethane		12000	U	1700	12000
Bromoform		12000	U	1900	12000
Bromomethane		12000	U	2200	12000
Methyl Ethyl Ketone		12000	U	2700	12000
Carbon disulfide		12000	U	1600	12000
Carbon tetrachloride		12000	U	1900	12000
Chlorobenzene		12000	U	1500	12000
Chloroethane		12000	U	1900	12000
Chloroform		12000	U	1500	12000
Chloromethane		12000	U	1600	12000
Dibromochloromethane		12000	U	1900	12000
1,1-Dichloroethane		12000	U	1700	12000
1,2-Dichloroethane		12000	U	1400	12000
1,1-Dichloroethene		12000	U	1800	12000
1,2-Dichloropropane		12000	U	1300	12000
cis-1,3-Dichloropropene		12000	U	1500	12000
trans-1,3-Dichloropropene		12000	U	1500	12000
Ethylbenzene		150000		1300	12000
2-Hexanone		12000	U	3200	12000
Methylene Chloride		<del>2300</del>	<del>J-B</del>	2000	12000
methyl isobutyl ketone		12000	U	2000	12000
Styrene		26000		1900	12000
1,1,2,2-Tetrachloroethane		12000	U	1600	12000
Tetrachloroethene		12000	U	2000	12000
Toluene		200000		1700	12000
1,1,1-Trichloroethane		12000	U	1500	12000
1,1,2-Trichloroethane		12000	U	1600	12000
Trichloroethene		12000	U	1600	12000
Vinyl chloride		12000	U	1600	12000
Xylenes, Total		260000		5100	12000
cis-1,2-Dichloroethene		12000	U	1500	12000
trans-1,2-Dichloroethene		12000	U	1300	12000

120000

✓

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85		52 - 119
4-Bromofluorobenzene	77		63 - 128
Dibromofluoromethane	89		53 - 121
Toluene-d8 (Surr)	82		55 - 121

9/28/09  
 EMM  
 9/3/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1

Sdg Number: 220-9672

Client Sample ID: **WWTB-072409**

Lab Sample ID: 220-9672-11TB

Date Sampled: 07/24/2009 1325

Client Matrix: Water

Date Received: 07/24/2009 1809

### 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B	Analysis Batch: 220-29443	Instrument ID: MSW	
Preparation: 5030B		Lab File ID: W7080.D	
Dilution: 1.0		Initial Weight/Volume: 5 mL	
Date Analyzed: 07/27/2009 1819		Final Weight/Volume: 5 mL	
Date Prepared: 07/27/2009 1819			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U <i>VJ</i> ✓	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U <i>VJ</i> ✓	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U <i>VJ</i> ✓	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	1.1	U <i>JB J</i> ✓	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		65 - 136
4-Bromofluorobenzene	92		51 - 142
Dibromofluoromethane	103		68 - 132
Toluene-d8 (Surr)	98		63 - 127

*9/28/09*  
*[Signature]*

*EM*  
*9/3/09*

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1

Sdg Number: 220-9672

**Client Sample ID: WWSB-20 (55-57)**

Lab Sample ID: 220-9672-1

Date Sampled: 07/21/2009 1500

Client Matrix: Solid

% Moisture: 23.1

Date Received: 07/21/2009 1945

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29379	Instrument ID: MSC
Preparation:	3541	Prep Batch: 220-29241	Lab File ID: C12461.D
Dilution:	20		Initial Weight/Volume: 15.06 g
Date Analyzed:	07/24/2009 2120		Final Weight/Volume: 1.0 mL
Date Prepared:	07/22/2009 0800		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		27000		410	7000
Acenaphthylene		5900	J <i>J</i> ✓	340	7000
Anthracene		14000		270	7000
Benzo[a]anthracene		6800	J <i>J</i> ✓	250	7000
Benzo[a]pyrene		4900	J <i>J</i> ✓	190	7000
Benzo[b]fluoranthene		2800	J <i>J</i> ✓	190	7000
Benzo[g,h,i]perylene		1900	J <i>J</i> ✓	460	7000
Benzo[k]fluoranthene		1200	J <i>J</i> ✓	630	7000
Bis(2-chloroethoxy)methane		7000	U	320	7000
Bis(2-chloroethyl)ether		7000	U	360	7000
Bis(2-ethylhexyl) phthalate		7000	U	680	7000
Butyl benzyl phthalate		7000	U	390	7000
Carbazole		560	J <i>J</i> ✓	390	7000
Chrysene		6600	J <i>J</i> ✓	520	7000
Di-n-butyl phthalate		7000	U	1000	7000
Di-n-octyl phthalate		7000	U	400	7000
4-Bromophenyl phenyl ether		7000	U	450	7000
4-Chloroaniline		7000	U	1100	7000
2-Chloronaphthalene		7000	U	300	7000
4-Chlorophenyl phenyl ether		7000	U	520	7000
Dibenz(a,h)anthracene		7000	U	550	7000
Dibenzofuran		1700	J <i>J</i> ✓	490	7000
Diethyl phthalate		7000	U	700	7000
Dimethyl phthalate		7000	U	400	7000
1,2-Dichlorobenzene		7000	U	410	7000
1,3-Dichlorobenzene		7000	U	350	7000
1,4-Dichlorobenzene		7000	U	410	7000
3,3'-Dichlorobenzidine		17000	U	1400	17000
2,4-Dinitrotoluene		7000	U	560	7000
2,6-Dinitrotoluene		7000	U	200	7000
Fluoranthene		11000		350	7000
Fluorene		15000		420	7000
Hexachlorobenzene		7000	U	480	7000
Hexachlorobutadiene		7000	U	540	7000
Hexachlorocyclopentadiene		17000	U	3300	17000
Hexachloroethane		7000	U	400	7000
Indeno[1,2,3-cd]pyrene		1500	J <i>J</i> ✓	450	7000
Isophorone		7000	U	390	7000
2-Methylnaphthalene		74000		200	7000
Naphthalene		120000		360	7000
2-Nitroaniline		44000	U	420	44000
3-Nitroaniline		44000	U	220	44000
Nitrobenzene		7000	U	450	7000
N-Nitrosodi-n-propylamine		7000	U	470	7000
N-Nitrosodiphenylamine		7000	U	390	7000
Phenanthrene		47000		340	7000

*9/28/09*  
*EMM*  
*9/23/09*

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1

Sdg Number: 220-9672

**Client Sample ID: WWSB-20 (55-57)**

Lab Sample ID: 220-9672-1

Date Sampled: 07/21/2009 1500

Client Matrix: Solid

% Moisture: 23.1

Date Received: 07/21/2009 1945

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29379	Instrument ID: MSC
Preparation:	3541	Prep Batch: 220-29241	Lab File ID: C12461.D
Dilution:	20		Initial Weight/Volume: 15.06 g
Date Analyzed:	07/24/2009 2120		Final Weight/Volume: 1.0 mL
Date Prepared:	07/22/2009 0800		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		18000		330	7000
1,2,4-Trichlorobenzene		7000	U	460	7000
4-Chloro-3-methylphenol		7000	U	290	7000
2-Chlorophenol		7000	U	410	7000
2-Methylphenol		7000	U	420	7000
4-Methylphenol		7000	U	460	7000
2,4-Dichlorophenol		7000	U	370	7000
2,4-Dimethylphenol		7000	U	340	7000
2,4-Dinitrophenol		44000	U	2100	44000
4,6-Dinitro-2-methylphenol		44000	U	3000	44000
2-Nitrophenol		7000	U	440	7000
4-Nitrophenol		44000	U	530	44000
Pentachlorophenol		44000	U	4200	44000
Phenol		7000	U	460	7000
2,4,5-Trichlorophenol		44000	U	350	44000
2,4,6-Trichlorophenol		7000	U	190	7000
Benzyl alcohol		7000	U	660	7000
4-Nitroaniline		7000	U	540	7000
2,2'-oxybis[1-chloropropane]		7000	U	360	7000

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	74		41 - 120
2-Fluorophenol	60		34 - 120
2,4,6-Tribromophenol	65		37 - 120
Nitrobenzene-d5	61		38 - 120
Phenol-d5	62		36 - 120
Terphenyl-d14	69		32 - 125

9/23/09  
 EMM  
 9/23/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1

Sdg Number: 220-9672

Client Sample ID: **WWSB-XX (56-58)**

Lab Sample ID: 220-9672-2

Date Sampled: 07/21/2009 1445

Client Matrix: Solid

% Moisture: 19.2

Date Received: 07/21/2009 1945

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29358	Instrument ID: MSC
Preparation:	3541	Prep Batch: 220-29241	Lab File ID: C12435.D
Dilution:	200		Initial Weight/Volume: 15.01 g
Date Analyzed:	07/24/2009 0013		Final Weight/Volume: 1.0 mL
Date Prepared:	07/22/2009 0800		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		130000		4000	67000
Acenaphthylene		29000	J <i>JV</i> ✓	3300	67000
Anthracene		63000	J <i>JV</i> ✓	2600	67000
Benzo[a]anthracene		32000	J <i>JV</i> ✓	2400	67000
Benzo[a]pyrene		22000	J <i>JV</i> ✓	1800	67000
Benzo[b]fluoranthene		14000	J <i>JV</i> ✓	1800	67000
Benzo[g,h,i]perylene		8100	J <i>JV</i> ✓	4400	67000
Benzo[k]fluoranthene		67000	U	6000	67000
Bis(2-chloroethoxy)methane		67000	U	3100	67000
Bis(2-chloroethyl)ether		67000	U	3500	67000
Bis(2-ethylhexyl) phthalate		67000	U	6500	67000
Butyl benzyl phthalate		67000	U	3700	67000
Carbazole		67000	U	3700	67000
Chrysene		29000	J <i>JV</i> ✓	4900	67000
Di-n-butyl phthalate		67000	U	9700	67000
Di-n-octyl phthalate		67000	U	3800	67000
4-Bromophenyl phenyl ether		67000	U	4300	67000
4-Chloroaniline		67000	U	11000	67000
2-Chloronaphthalene		67000	U	2800	67000
4-Chlorophenyl phenyl ether		67000	U	4900	67000
Dibenz(a,h)anthracene		67000	U	5200	67000
Dibenzofuran		9400	J <i>JV</i> ✓	4700	67000
Diethyl phthalate		67000	U	6700	67000
Dimethyl phthalate		67000	U	3800	67000
1,2-Dichlorobenzene		67000	U	4000	67000
1,3-Dichlorobenzene		67000	U	3300	67000
1,4-Dichlorobenzene		67000	U	4000	67000
3,3'-Dichlorobenzidine		170000	U	14000	170000
2,4-Dinitrotoluene		67000	U	5300	67000
2,6-Dinitrotoluene		67000	U	2000	67000
Fluoranthene		50000	J <i>JV</i> ✓	3300	67000
Fluorene		73000	U	4000	67000
Hexachlorobenzene		67000	U	4600	67000
Hexachlorobutadiene		67000	U	5100	67000
Hexachlorocyclopentadiene		170000	U	31000	170000
Hexachloroethane		67000	U	3800	67000
Indeno[1,2,3-cd]pyrene		6600	J <i>JV</i> ✓	4300	67000
Isophorone		67000	U	3700	67000
2-Methylnaphthalene		390000		1900	67000
Naphthalene		760000		3500	67000
2-Nitroaniline		420000	U	4100	420000
3-Nitroaniline		420000	U	2100	420000
Nitrobenzene		67000	U	4300	67000
N-Nitrosodi-n-propylamine		67000	U	4500	67000
N-Nitrosodiphenylamine		67000	U	3800	67000
Phenanthrene		220000		3300	67000

9/28/09  
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9/3/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1  
Sdg Number: 220-9672

**Client Sample ID: WWSB-XX (56-58)**

Lab Sample ID: 220-9672-2  
Client Matrix: Solid

% Moisture: 19.2

Date Sampled: 07/21/2009 1445  
Date Received: 07/21/2009 1945

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29358	Instrument ID: MSC
Preparation:	3541	Prep Batch: 220-29241	Lab File ID: C12435.D
Dilution:	200		Initial Weight/Volume: 15.01 g
Date Analyzed:	07/24/2009 0013		Final Weight/Volume: 1.0 mL
Date Prepared:	07/22/2009 0800		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		84000		3100	67000
1,2,4-Trichlorobenzene		67000	U	4400	67000
4-Chloro-3-methylphenol		67000	U	2700	67000
2-Chlorophenol		67000	U	3900	67000
2-Methylphenol		67000	U	4000	67000
4-Methylphenol		67000	U	4400	67000
2,4-Dichlorophenol		67000	U	3600	67000
2,4-Dimethylphenol		67000	U	3200	67000
2,4-Dinitrophenol		420000	U	20000	420000
4,6-Dinitro-2-methylphenol		420000	U	29000	420000
2-Nitrophenol		67000	U	4200	67000
4-Nitrophenol		420000	U	5000	420000
Pentachlorophenol		420000	U	41000	420000
Phenol		67000	U	4400	67000
2,4,5-Trichlorophenol		420000	U	3400	420000
2,4,6-Trichlorophenol		67000	U	1800	67000
Benzyl alcohol		67000	U	6300	67000
4-Nitroaniline		67000	U	5100	67000
2,2'-oxybis[1-chloropropane]		67000	U	3500	67000

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	82		41 - 120
2-Fluorophenol	61		34 - 120
2,4,6-Tribromophenol	69		37 - 120
Nitrobenzene-d5	86		38 - 120
Phenol-d5	71		36 - 120
Terphenyl-d14	77		32 - 125

9/28/09  
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 9/3/09



# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1  
Sdg Number: 220-9672

Client Sample ID: WWSB-20 (62-63)

Lab Sample ID: 220-9672-3  
Client Matrix: Solid

% Moisture: 21.6

Date Sampled: 07/21/2009 1510  
Date Received: 07/21/2009 1945

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 220-29308 Instrument ID: MSZ  
Preparation: 3541 Prep Batch: 220-29241 Lab File ID: Z11876.D  
Dilution: 1.0 Initial Weight/Volume: 15.17 g  
Date Analyzed: 07/22/2009 2203 Final Weight/Volume: 1.0 mL  
Date Prepared: 07/22/2009 0800 Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		54	J J ✓	20	340
Acenaphthylene		28	J J ✓	17	340
Anthracene		39	J J ✓	13	340
Benzo[a]anthracene		28	J J ✓	12	340
Benzo[a]pyrene		20	J J ✓	9.2	340
Benzo[b]fluoranthene		340	U	9.1	340
Benzo[g,h,i]perylene		420		22	340
Benzo[k]fluoranthene		340	U	31	340
Bis(2-chloroethoxy)methane		340	U	16	340
Bis(2-chloroethyl)ether		340	U	18	340
Bis(2-ethylhexyl) phthalate	340u	<del>440</del>	J B ✓	33	340
Butyl benzyl phthalate		340	U	19	340
Carbazole		340	U	19	340
Chrysene		340	U	25	340
Di-n-butyl phthalate		340	U	49	340
Di-n-octyl phthalate		340	U	19	340
4-Bromophenyl phenyl ether		340	U	22	340
4-Chloroaniline		340	U	55	340
2-Chloronaphthalene		340	U	15	340
4-Chlorophenyl phenyl ether		340	U	25	340
Dibenz(a,h)anthracene		340	U	27	340
Dibenzofuran		340	U	24	340
Diethyl phthalate		340	U	34	340
Dimethyl phthalate		340	U	20	340
1,2-Dichlorobenzene		340	U	20	340
1,3-Dichlorobenzene		340	U	17	340
1,4-Dichlorobenzene		340	U	20	340
3,3'-Dichlorobenzidine		840	U	70	840
2,4-Dinitrotoluene		340	U	27	340
2,6-Dinitrotoluene		340	U	10	340
Fluoranthene		35	J J ✓	17	340
Fluorene		35	J J ✓	20	340
Hexachlorobenzene		340	U	24	340
Hexachlorobutadiene		340	U	26	340
Hexachlorocyclopentadiene		840	U	160	840
Hexachloroethane		340	U	19	340
Indeno[1,2,3-cd]pyrene		390		22	340
Isophorone		340	U	19	340
2-Methylnaphthalene		120	J J ✓	9.7	340
Naphthalene	340u.	<del>270</del>	J J ✓	18	340
2-Nitroaniline		2100	U	21	2100
3-Nitroaniline		2100	U	11	2100
Nitrobenzene		340	U	22	340
N-Nitrosodi-n-propylamine		340	U	23	340
N-Nitrosodiphenylamine		340	U	19	340
Phenanthrene		120	J J ✓	17	340

9/28/09  
EMM  
9/3/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1  
Sdg Number: 220-9672

**Client Sample ID: WWSB-20 (62-63)**

Lab Sample ID: 220-9672-3  
Client Matrix: Solid

% Moisture: 21.6

Date Sampled: 07/21/2009 1510  
Date Received: 07/21/2009 1945

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29308	Instrument ID: MSZ
Preparation:	3541	Prep Batch: 220-29241	Lab File ID: Z11876.D
Dilution:	1.0		Initial Weight/Volume: 15.17 g
Date Analyzed:	07/22/2009 2203		Final Weight/Volume: 1.0 mL
Date Prepared:	07/22/2009 0800		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		51	J ✓	16	340
1,2,4-Trichlorobenzene		340	U	22	340
4-Chloro-3-methylphenol		340	U	14	340
2-Chlorophenol		340	U	20	340
2-Methylphenol		340	U	20	340
4-Methylphenol		340	U	22	340
2,4-Dichlorophenol		340	U	18	340
2,4-Dimethylphenol		340	U	17	340
2,4-Dinitrophenol		2100	U	100	2100
4,6-Dinitro-2-methylphenol		2100	U	150	2100
2-Nitrophenol		340	U	21	340
4-Nitrophenol		2100	U	26	2100
Pentachlorophenol		2100	U	210	2100
Phenol		340	U	23	340
2,4,5-Trichlorophenol		2100	U	17	2100
2,4,6-Trichlorophenol		340	U	9.3	340
Benzyl alcohol		340	U	32	340
4-Nitroaniline		340	U	26	340
2,2'-oxybis[1-chloropropane]		340	U	18	340

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	68		41 - 120
2-Fluorophenol	69		34 - 120
2,4,6-Tribromophenol	79		37 - 120
Nitrobenzene-d5	68		38 - 120
Phenol-d5	67		36 - 120
Terphenyl-d14	76		32 - 125

9/28/09  
Erm  
9/23/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1  
Sdg Number: 220-9672

**Client Sample ID: WWSB-21 (15-25)**

Lab Sample ID: 220-9672-4  
Client Matrix: Water

Date Sampled: 07/22/2009 1245  
Date Received: 07/23/2009 1815

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29533	Instrument ID: MSC
Preparation:	3510C	Prep Batch: 220-29405	Lab File ID: C12507.D
Dilution:	50		Initial Weight/Volume: 960 mL
Date Analyzed:	07/29/2009 1629		Final Weight/Volume: 1 mL
Date Prepared:	07/27/2009 0912		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	29	J <i>JV</i>	16	210
Acenaphthylene	18	J <i>JV</i>	18	210
Anthracene	210	U	15	210
Benzo[a]anthracene	210	U	16	210
Benzo[a]pyrene	210	U	18	210
Benzo[b]fluoranthene	210	U	19	210
Benzo[g,h,i]perylene	210	U	19	210
Benzo[k]fluoranthene	210	U	21	210
Bis(2-chloroethoxy)methane	210	U	16	210
Bis(2-chloroethyl)ether	210	U	15	210
Bis(2-ethylhexyl) phthalate	210	U	28	210
Butyl benzyl phthalate	210	U	18	210
Carbazole	210	U	17	210
Chrysene	210	U	13	210
Di-n-butyl phthalate	210	U	18	210
Di-n-octyl phthalate	210	U	20	210
4-Bromophenyl phenyl ether	210	U	23	210
4-Chloroaniline	210	U	15	210
2-Chloronaphthalene	210	U	20	210
4-Chlorophenyl phenyl ether	210	U	18	210
Dibenz(a,h)anthracene	210	U	20	210
Dibenzofuran	210	U	22	210
Diethyl phthalate	210	U	22	210
Dimethyl phthalate	210	U	20	210
1,2-Dichlorobenzene	210	U	16	210
1,3-Dichlorobenzene	210	U	13	210
1,4-Dichlorobenzene	210	U	16	210
3,3'-Dichlorobenzidine	210	U	19	210
2,4-Dinitrotoluene	210	U	21	210
2,6-Dinitrotoluene	210	U	14	210
Fluoranthene	210	U	16	210
Fluorene	210	U	14	210
Hexachlorobenzene	210	U	17	210
Hexachlorobutadiene	210	U	10	210
Hexachlorocyclopentadiene	210	U	18	210
Hexachloroethane	210	U	19	210
Indeno[1,2,3-cd]pyrene	210	U	15	210
Isophorone	210	U	16	210
2-Methylnaphthalene	180	J <i>JV</i>	14	210
Naphthalene	3400		16	210
2-Nitroaniline	210	U	18	210
3-Nitroaniline	210	U	12	210
Nitrobenzene	210	U	15	210
N-Nitrosodi-n-propylamine	210	U	17	210
N-Nitrosodiphenylamine	210	U	17	210
Phenanthrene	24	J <i>JV</i>	15	210

*9/28/09*  
*EMM*  
*9/13/09*

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1  
Sdg Number: 220-9672

**Client Sample ID: WWSB-21 (15-25)**

Lab Sample ID: 220-9672-4  
Client Matrix: Water

Date Sampled: 07/22/2009 1245  
Date Received: 07/23/2009 1815

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29533	Instrument ID: MSC	
Preparation: 3510C	Prep Batch: 220-29405	Lab File ID: C12507.D	
Dilution: 50		Initial Weight/Volume: 960 mL	
Date Analyzed: 07/29/2009 1629		Final Weight/Volume: 1 mL	
Date Prepared: 07/27/2009 0912		Injection Volume: 1.0 uL	

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	210	U	17	210
1,2,4-Trichlorobenzene	210	U	19	210
4-Chloro-3-methylphenol	260	U	18	260
2-Chlorophenol	210	U	12	210
2-Methylphenol	210	U	12	210
4-Methylphenol	210	U	15	210
2,4-Dichlorophenol	210	U	17	210
2,4-Dimethylphenol	210	U	17	210
2,4-Dinitrophenol	1300	U	22	1300
4,6-Dinitro-2-methylphenol	1300	U	97	1300
2-Nitrophenol	210	U	14	210
4-Nitrophenol	520	U	76	520
Pentachlorophenol	1300	U	16	1300
Phenol	210	U	9.9	210
2,4,5-Trichlorophenol	520	U	15	520
2,4,6-Trichlorophenol	210	U	19	210
Benzyl alcohol	210	U	21	210
4-Nitroaniline	210	U	10	210
2,2'-oxybis[1-chloropropane]	210	U	13	210

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	56		39 - 120
2-Fluorophenol	31		13 - 120
2,4,6-Tribromophenol	47		36 - 120
Nitrobenzene-d5	48		40 - 120
Phenol-d5	21		10 - 120
Terphenyl-d14	30		10 - 120

9/28/09  
Erm  
9/3/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1

Sdg Number: 220-9672

**Client Sample ID: WWSB-21 (33-34)**

Lab Sample ID: 220-9672-5

Date Sampled: 07/22/2009 1445

Client Matrix: Solid

% Moisture: 20.9

Date Received: 07/23/2009 1815

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29490	Instrument ID: MSC
Preparation:	3541	Prep Batch: 220-29378	Lab File ID: C12488.D
Dilution:	20		Initial Weight/Volume: 15.14 g
Date Analyzed:	07/28/2009 1934		Final Weight/Volume: 1 mL
Date Prepared:	07/24/2009 1338		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		33000		400	6800
Acenaphthylene		4800	J J ✓	330	6800
Anthracene		15000		260	6800
Benzo[a]anthracene		7700		240	6800
Benzo[a]pyrene		5200	J J ✓	180	6800
Benzo[b]fluoranthene		3100	J J ✓	180	6800
Benzo[g,h,i]perylene		1400	J J ✓	440	6800
Benzo[k]fluoranthene		1600	J J ✓	610	6800
Bis(2-chloroethoxy)methane		6800	U	310	6800
Bis(2-chloroethyl)ether		6800	U	350	6800
Bis(2-ethylhexyl) phthalate		6800	U	650	6800
Butyl benzyl phthalate		6800	U	380	6800
Carbazole		450	J J ✓	380	6800
Chrysene		7500		500	6800
Di-n-butyl phthalate		6800	U	980	6800
Di-n-octyl phthalate		6800	U	380	6800
4-Bromophenyl phenyl ether		6800	U	440	6800
4-Chloroaniline		6800	U	1100	6800
2-Chloronaphthalene		6800	U	290	6800
4-Chlorophenyl phenyl ether		6800	U	500	6800
Dibenz(a,h)anthracene		6800	U	530	6800
Dibenzofuran		2000	J J ✓	480	6800
Diethyl phthalate		6800	U	680	6800
Dimethyl phthalate		6800	U	390	6800
1,2-Dichlorobenzene		6800	U	400	6800
1,3-Dichlorobenzene		6800	U	340	6800
1,4-Dichlorobenzene		6800	U	400	6800
3,3'-Dichlorobenzidine		17000	U	1400	17000
2,4-Dinitrotoluene		6800	U	540	6800
2,6-Dinitrotoluene		6800	U	200	6800
Fluoranthene		13000		340	6800
Fluorene		17000		410	6800
Hexachlorobenzene		6800	U	470	6800
Hexachlorobutadiene		6800	U	520	6800
Hexachlorocyclopentadiene		17000	U	3200	17000
Hexachloroethane		6800	U	390	6800
Indeno[1,2,3-cd]pyrene		1200	J J ✓	440	6800
Isophorone		6800	U	370	6800
2-Methylnaphthalene		76000		190	6800
Naphthalene		120000		350	6800
2-Nitroaniline		43000	U	410	43000
3-Nitroaniline		43000	U	220	43000
Nitrobenzene		6800	U	430	6800
N-Nitrosodi-n-propylamine		6800	U	460	6800
N-Nitrosodiphenylamine		6800	U	380	6800
Phenanthrene		50000		330	6800

9/25/09  
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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1

Sdg Number: 220-9672

Client Sample ID: **WWSB-21 (33-34)**

Lab Sample ID: 220-9672-5

Date Sampled: 07/22/2009 1445

Client Matrix: Solid

% Moisture: 20.9

Date Received: 07/23/2009 1815

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29490	Instrument ID: MSC
Preparation:	3541	Prep Batch: 220-29378	Lab File ID: C12488.D
Dilution:	20		Initial Weight/Volume: 15.14 g
Date Analyzed:	07/28/2009 1934		Final Weight/Volume: 1 mL
Date Prepared:	07/24/2009 1338		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		20000		320	6800
1,2,4-Trichlorobenzene		6800	U	440	6800
4-Chloro-3-methylphenol		6800	U	280	6800
2-Chlorophenol		6800	U	390	6800
2-Methylphenol		6800	U	410	6800
4-Methylphenol		6800	U	440	6800
2,4-Dichlorophenol		6800	U	360	6800
2,4-Dimethylphenol		6800	U	330	6800
2,4-Dinitrophenol		43000	U	2000	43000
4,6-Dinitro-2-methylphenol		43000	U	2900	43000
2-Nitrophenol		6800	U	430	6800
4-Nitrophenol		43000	U	510	43000
Pentachlorophenol		43000	U	4100	43000
Phenol		6800	U	450	6800
2,4,5-Trichlorophenol		43000	U	340	43000
2,4,6-Trichlorophenol		6800	U	190	6800
Benzyl alcohol		6800	U	640	6800
4-Nitroaniline		6800	U	520	6800
2,2'-oxybis[1-chloropropane]		6800	U	350	6800

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	71		41 - 120
2-Fluorophenol	51		34 - 120
2,4,6-Tribromophenol	51		37 - 120
Nitrobenzene-d5	52		38 - 120
Phenol-d5	55		36 - 120
Terphenyl-d14	69		32 - 125

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1  
Sdg Number: 220-9672

**Client Sample ID: WWSB-21 (68-69)**

Lab Sample ID: 220-9672-6  
Client Matrix: Solid

% Moisture: 17.4

Date Sampled: 07/22/2009 0900  
Date Received: 07/23/2009 1815

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29442	Instrument ID: MSA
Preparation:	3541	Prep Batch: 220-29378	Lab File ID: A6355.D
Dilution:	1.0		Initial Weight/Volume: 15.22 g
Date Analyzed:	07/27/2009 1844		Final Weight/Volume: 1 mL
Date Prepared:	07/24/2009 1338		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		320	U	19	320
Acenaphthylene		320	U	16	320
Anthracene		320	U	13	320
Benzo[a]anthracene		320	U	11	320
Benzo[a]pyrene		320	U	8.7	320
Benzo[b]fluoranthene		320	U	8.6	320
Benzo[g,h,i]perylene		320	U	21	320
Benzo[k]fluoranthene		320	U	29	320
Bis(2-chloroethoxy)methane		320	U	15	320
Bis(2-chloroethyl)ether		320	U	17	320
Bis(2-ethylhexyl) phthalate		48	J	31	320
Butyl benzyl phthalate		320	U	18	320
Carbazole		320	U	18	320
Chrysene		320	U	24	320
Di-n-butyl phthalate		320	U	47	320
Di-n-octyl phthalate		320	U	18	320
4-Bromophenyl phenyl ether		320	U	21	320
4-Chloroaniline		320	U	52	320
2-Chloronaphthalene		320	U	14	320
4-Chlorophenyl phenyl ether		320	U	24	320
Dibenz(a,h)anthracene		320	U	25	320
Dibenzofuran		320	U	23	320
Diethyl phthalate		320	U	32	320
Dimethyl phthalate		320	U	18	320
1,2-Dichlorobenzene		320	U	19	320
1,3-Dichlorobenzene		320	U	16	320
1,4-Dichlorobenzene		320	U	19	320
3,3'-Dichlorobenzidine		800	U	66	800
2,4-Dinitrotoluene		320	U	26	320
2,6-Dinitrotoluene		320	U	9.4	320
Fluoranthene		320	U	16	320
Fluorene		320	U	19	320
Hexachlorobenzene		320	U	22	320
Hexachlorobutadiene		320	U	25	320
Hexachlorocyclopentadiene		800	U	150	800
Hexachloroethane		320	U	18	320
Indeno[1,2,3-cd]pyrene		320	U	21	320
Isophorone		320	U	18	320
2-Methylnaphthalene		320	U	9.2	320
Naphthalene		320	U	17	320
2-Nitroaniline		2000	U	20	2000
3-Nitroaniline		2000	U	10	2000
Nitrobenzene		320	U	21	320
N-Nitrosodi-n-propylamine		320	U	22	320
N-Nitrosodiphenylamine		320	U	18	320
Phenanthrene		320	U	16	320

UJ ✓

UJ ✓

9/20/09  
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9/3/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1  
Sdg Number: 220-9672

**Client Sample ID: WWSB-21 (68-69)**

Lab Sample ID: 220-9672-6  
Client Matrix: Solid

% Moisture: 17.4

Date Sampled: 07/22/2009 0900  
Date Received: 07/23/2009 1815

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29442	Instrument ID: MSA
Preparation:	3541	Prep Batch: 220-29378	Lab File ID: A6355.D
Dilution:	1.0		Initial Weight/Volume: 15.22 g
Date Analyzed:	07/27/2009 1844		Final Weight/Volume: 1 mL
Date Prepared:	07/24/2009 1338		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		320	U	15	320
1,2,4-Trichlorobenzene		320	U	21	320
4-Chloro-3-methylphenol		320	U	13	320
2-Chlorophenol		320	U	19	320
2-Methylphenol		320	U	19	320
4-Methylphenol		320	U	21	320
2,4-Dichlorophenol		320	U	17	320
2,4-Dimethylphenol		320	U	16	320
2,4-Dinitrophenol		2000	U	97	2000
4,6-Dinitro-2-methylphenol		2000	U	140	2000
2-Nitrophenol		320	U	20	320
4-Nitrophenol		2000	U <i>UJ</i>	24	2000
Pentachlorophenol		2000	U	200	2000
Phenol		320	U	21	320
2,4,5-Trichlorophenol		2000	U	16	2000
2,4,6-Trichlorophenol		320	U	8.8	320
Benzyl alcohol		320	U	30	320
4-Nitroaniline		320	U	25	320
2,2'-oxybis[1-chloropropane]		320	U	17	320

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	68		41 - 120
2-Fluorophenol	76		34 - 120
2,4,6-Tribromophenol	94		37 - 120
Nitrobenzene-d5	76		38 - 120
Phenol-d5	79		36 - 120
Terphenyl-d14	72		32 - 125

*9/28/09*  
*EMM*  
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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1  
Sdg Number: 220-9672

**Client Sample ID: WWSB-21 (40-50)**

Lab Sample ID: 220-9672-7  
Client Matrix: Water

Date Sampled: 07/23/2009 1300  
Date Received: 07/23/2009 1815

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29615	Instrument ID: MSC
Preparation:	3510C	Prep Batch: 220-29405	Lab File ID: C12548.D
Dilution:	50		Initial Weight/Volume: 1000 mL
Date Analyzed:	07/30/2009 2050		Final Weight/Volume: 1 mL
Date Prepared:	07/27/2009 0912		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	42	J J ✓	16	200
Acenaphthylene	53	J J ✓	17	200
Anthracene	200	U	14	200
Benzo[a]anthracene	200	U	15	200
Benzo[a]pyrene	200	U	18	200
Benzo[b]fluoranthene	200	U	18	200
Benzo[g,h,i]perylene	200	U	18	200
Benzo[k]fluoranthene	200	U	20	200
Bis(2-chloroethoxy)methane	200	U	16	200
Bis(2-chloroethyl)ether	200	U	14	200
Bis(2-ethylhexyl) phthalate	200	U	27	200
Butyl benzyl phthalate	200	U	18	200
Carbazole	200	U	16	200
Chrysene	200	U	12	200
Di-n-butyl phthalate	200	U	18	200
Di-n-octyl phthalate	200	U	19	200
4-Bromophenyl phenyl ether	200	U	22	200
4-Chloroaniline	200	U	14	200
2-Chloronaphthalene	200	U	20	200
4-Chlorophenyl phenyl ether	200	U	18	200
Dibenz(a,h)anthracene	200	U	19	200
Dibenzofuran	200	U	22	200
Diethyl phthalate	200	U	22	200
Dimethyl phthalate	200	U	19	200
1,2-Dichlorobenzene	200	U	16	200
1,3-Dichlorobenzene	200	U	12	200
1,4-Dichlorobenzene	200	U	16	200
3,3'-Dichlorobenzidine	200	U	18	200
2,4-Dinitrotoluene	200	U	20	200
2,6-Dinitrotoluene	200	U	13	200
Fluoranthene	200	U	16	200
Fluorene	21	J J ✓	13	200
Hexachlorobenzene	200	U	16	200
Hexachlorobutadiene	200	U	10	200
Hexachlorocyclopentadiene	200	U	18	200
Hexachloroethane	200	U	18	200
Indeno[1,2,3-cd]pyrene	200	U	14	200
Isophorone	200	U	16	200
2-Methylnaphthalene	280		14	200
Naphthalene	2200		15	200
2-Nitroaniline	200	U	17	200
3-Nitroaniline	200	U	12	200
Nitrobenzene	200	U	14	200
N-Nitrosodi-n-propylamine	200	U	16	200
N-Nitrosodiphenylamine	200	U	16	200
Phenanthrene	21	J J ✓	14	200

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1  
Sdg Number: 220-9672

**Client Sample ID: WWSB-21 (40-50)**

Lab Sample ID: 220-9672-7  
Client Matrix: Water

Date Sampled: 07/23/2009 1300  
Date Received: 07/23/2009 1815

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29615	Instrument ID: MSC
Preparation:	3510C	Prep Batch: 220-29405	Lab File ID: C12548.D
Dilution:	50		Initial Weight/Volume: 1000 mL
Date Analyzed:	07/30/2009 2050		Final Weight/Volume: 1 mL
Date Prepared:	07/27/2009 0912		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	200	U	16	200
1,2,4-Trichlorobenzene	200	U	18	200
4-Chloro-3-methylphenol	250	U	17	250
2-Chlorophenol	200	U	12	200
2-Methylphenol	200	U	12	200
4-Methylphenol	200	U	14	200
2,4-Dichlorophenol	200	U	16	200
2,4-Dimethylphenol	200	U	16	200
2,4-Dinitrophenol	1200	U	22	1200
4,6-Dinitro-2-methylphenol	1200	U	93	1200
2-Nitrophenol	200	U	14	200
4-Nitrophenol	500	U	72	500
Pentachlorophenol	1200	U	16	1200
Phenol	200	U	9.5	200
2,4,5-Trichlorophenol	500	U	14	500
2,4,6-Trichlorophenol	200	U	18	200
Benzyl alcohol	200	U	20	200
4-Nitroaniline	200	U	10	200
2,2'-oxybis[1-chloropropane]	200	U	12	200

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	67		39 - 120
2-Fluorophenol	33		13 - 120
2,4,6-Tribromophenol	54		36 - 120
Nitrobenzene-d5	69		40 - 120
Phenol-d5	21		10 - 120
Terphenyl-d14	35		10 - 120

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1  
Sdg Number: 220-9672

**Client Sample ID:** WWFB-072309

Lab Sample ID: 220-9672-9FB  
Client Matrix: Water

Date Sampled: 07/23/2009 1345  
Date Received: 07/23/2009 1815

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29533	Instrument ID: MSC
Preparation:	3510C	Prep Batch: 220-29405	Lab File ID: C12509.D
Dilution:	1.0		Initial Weight/Volume: 950 mL
Date Analyzed:	07/29/2009 1723		Final Weight/Volume: 1 mL
Date Prepared:	07/27/2009 0912		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	4.2	U	0.33	4.2
Acenaphthylene	4.2	U	0.36	4.2
Anthracene	4.2	U	0.31	4.2
Benzo[a]anthracene	4.2	U	0.32	4.2
Benzo[a]pyrene	4.2	U	0.37	4.2
Benzo[b]fluoranthene	4.2	U	0.38	4.2
Benzo[g,h,i]perylene	4.2	U	0.38	4.2
Benzo[k]fluoranthene	4.2	U	0.42	4.2
Bis(2-chloroethoxy)methane	4.2	U	0.33	4.2
Bis(2-chloroethyl)ether	4.2	U	0.31	4.2
Bis(2-ethylhexyl) phthalate	4.2	U	0.57	4.2
Butyl benzyl phthalate	4.2	U	0.37	4.2
Carbazole	4.2	U	0.35	4.2
Chrysene	4.2	U	0.26	4.2
Di-n-butyl phthalate	0.93	JBT ✓	0.37	4.2
Di-n-octyl phthalate	4.2	U	0.40	4.2
4-Bromophenyl phenyl ether	4.2	U	0.46	4.2
4-Chloroaniline	4.2	U	0.31	4.2
2-Chloronaphthalene	4.2	U	0.41	4.2
4-Chlorophenyl phenyl ether	4.2	U	0.37	4.2
Dibenz(a,h)anthracene	4.2	U	0.40	4.2
Dibenzofuran	4.2	U	0.45	4.2
Diethyl phthalate	4.2	U	0.45	4.2
Dimethyl phthalate	4.2	U	0.40	4.2
1,2-Dichlorobenzene	4.2	U	0.33	4.2
1,3-Dichlorobenzene	4.2	U	0.26	4.2
1,4-Dichlorobenzene	4.2	U	0.33	4.2
3,3'-Dichlorobenzidine	4.2	U	0.38	4.2
2,4-Dinitrotoluene	4.2	U	0.42	4.2
2,6-Dinitrotoluene	4.2	U	0.27	4.2
Fluoranthene	4.2	U	0.33	4.2
Fluorene	4.2	U	0.27	4.2
Hexachlorobenzene	4.2	U	0.35	4.2
Hexachlorobutadiene	4.2	U	0.21	4.2
Hexachlorocyclopentadiene	4.2	U	0.37	4.2
Hexachloroethane	4.2	U	0.39	4.2
Indeno[1,2,3-cd]pyrene	4.2	U	0.29	4.2
Isophorone	4.2	U	0.33	4.2
2-Methylnaphthalene	4.2	U	0.28	4.2
Naphthalene	1.8	J ✓	0.32	4.2
2-Nitroaniline	4.2	U	0.36	4.2
3-Nitroaniline	4.2	U	0.24	4.2
Nitrobenzene	4.2	U	0.29	4.2
N-Nitrosodi-n-propylamine	4.2	U	0.35	4.2
N-Nitrosodiphenylamine	4.2	U	0.35	4.2
Phenanthrene	4.2	U	0.29	4.2

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1

Sdg Number: 220-9672

Client Sample ID: WWFB-072309

Lab Sample ID: 220-9672-9FB

Date Sampled: 07/23/2009 1345

Client Matrix: Water

Date Received: 07/23/2009 1815

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29533	Instrument ID: MSC
Preparation:	3510C	Prep Batch: 220-29405	Lab File ID: C12509.D
Dilution:	1.0		Initial Weight/Volume: 950 mL
Date Analyzed:	07/29/2009 1723		Final Weight/Volume: 1 mL
Date Prepared:	07/27/2009 0912		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	4.2	U	0.35	4.2
1,2,4-Trichlorobenzene	4.2	U	0.38	4.2
4-Chloro-3-methylphenol	5.3	U	0.36	5.3
2-Chlorophenol	4.2	U	0.24	4.2
2-Methylphenol	4.2	U	0.25	4.2
4-Methylphenol	4.2	U	0.31	4.2
2,4-Dichlorophenol	4.2	U	0.35	4.2
2,4-Dimethylphenol	4.2	U	0.35	4.2
2,4-Dinitrophenol	26	U	0.45	26
4,6-Dinitro-2-methylphenol	26	U	2.0	26
2-Nitrophenol	4.2	U	0.28	4.2
4-Nitrophenol	11	U	1.5	11
Pentachlorophenol	26	U	0.33	26
Phenol	4.2	U	0.20	4.2
2,4,5-Trichlorophenol	11	U	0.29	11
2,4,6-Trichlorophenol	4.2	U	0.39	4.2
Benzyl alcohol	4.2	U	0.43	4.2
4-Nitroaniline	4.2	U	0.21	4.2
2,2'-oxybis[1-chloropropane]	4.2	U	0.26	4.2

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	52		39 - 120
2-Fluorophenol	26		13 - 120
2,4,6-Tribromophenol	52		36 - 120
Nitrobenzene-d5	51		40 - 120
Phenol-d5	19		10 - 120
Terphenyl-d14	46		10 - 120

*9/28/09*  
*[Signature]*

*EMH*  
*9/23/09*



# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1

Sdg Number: 220-9672

Client Sample ID: WWSB-22 (37-38)

Lab Sample ID: 220-9672-10

Date Sampled: 07/24/2009 1300

Client Matrix: Solid

% Moisture: 17.5

Date Received: 07/24/2009 1809

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29708	Instrument ID:	MSC
Preparation:	3541	Prep Batch: 220-29484	Lab File ID:	C12588.D
Dilution:	200		Initial Weight/Volume:	15.09 g
Date Analyzed:	08/03/2009 1513		Final Weight/Volume:	1.0 mL
Date Prepared:	07/29/2009 0812		Injection Volume:	1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		9500	J J✓	3900	65000
Acenaphthylene		100000		3200	65000
Anthracene		40000	J J✓	2500	65000
Benzo[a]anthracene		20000	J J✓	2300	65000
Benzo[a]pyrene		15000	J J✓	1800	65000
Benzo[b]fluoranthene		13000	J J✓	1700	65000
Benzo[g,h,i]perylene		65000	U	4200	65000
Benzo[k]fluoranthene		65000	U	5800	65000
Bis(2-chloroethoxy)methane		65000	U	3000	65000
Bis(2-chloroethyl)ether		65000	U	3400	65000
Bis(2-ethylhexyl) phthalate		65000	U	6300	65000
Butyl benzyl phthalate		65000	U	3600	65000
Carbazole		65000	U	3600	65000
Chrysene		19000	J J✓	4800	65000
Di-n-butyl phthalate		65000	U	9400	65000
Di-n-octyl phthalate		65000	U	3700	65000
4-Bromophenyl phenyl ether		65000	U	4200	65000
4-Chloroaniline		65000	U	11000	65000
2-Chloronaphthalene		65000	U	2800	65000
4-Chlorophenyl phenyl ether		65000	U	4800	65000
Dibenz(a,h)anthracene		65000	U	5100	65000
Dibenzofuran		8300	J J✓	4600	65000
Diethyl phthalate		65000	U	6600	65000
Dimethyl phthalate		65000	U	3700	65000
1,2-Dichlorobenzene		65000	U	3900	65000
1,3-Dichlorobenzene		65000	U	3300	65000
1,4-Dichlorobenzene		65000	U	3900	65000
3,3'-Dichlorobenzidine		160000	U	13000	160000
2,4-Dinitrotoluene		65000	U	5200	65000
2,6-Dinitrotoluene		65000	U	1900	65000
Fluoranthene		38000	J J✓	3200	65000
Fluorene		52000	J J✓	3900	65000
Hexachlorobenzene		65000	U	4500	65000
Hexachlorobutadiene		65000	U	5000	65000
Hexachlorocyclopentadiene		160000	U	31000	160000
Hexachloroethane		65000	U	3700	65000
Indeno[1,2,3-cd]pyrene		65000	U	4200	65000
Isophorone		65000	U	3600	65000
2-Methylnaphthalene		280000		1900	65000
Naphthalene		840000		3400	65000
2-Nitroaniline		410000	U	4000	410000
3-Nitroaniline		410000	U	2100	410000
Nitrobenzene		65000	U	4100	65000
N-Nitrosodi-n-propylamine		65000	U	4400	65000
N-Nitrosodiphenylamine		65000	U	3700	65000
Phenanthrene		130000		3200	65000

9/25/09  
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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1  
Sdg Number: 220-9672

**Client Sample ID: WWSB-22 (37-38)**

Lab Sample ID: 220-9672-10  
Client Matrix: Solid

% Moisture: 17.5

Date Sampled: 07/24/2009 1300  
Date Received: 07/24/2009 1809

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29708	Instrument ID: MSC
Preparation: 3541	Prep Batch: 220-29484	Lab File ID: C12588.D
Dilution: 200		Initial Weight/Volume: 15.09 g
Date Analyzed: 08/03/2009 1513		Final Weight/Volume: 1.0 mL
Date Prepared: 07/29/2009 0812		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		36000	J <i>J</i> ✓	3100	65000
1,2,4-Trichlorobenzene		65000	U	4300	65000
4-Chloro-3-methylphenol		65000	U	2700	65000
2-Chlorophenol		65000	U	3800	65000
2-Methylphenol		65000	U	3900	65000
4-Methylphenol		65000	U	4300	65000
2,4-Dichlorophenol		65000	U	3500	65000
2,4-Dimethylphenol		65000	U	3200	65000
2,4-Dinitrophenol		410000	U	20000	410000
4,6-Dinitro-2-methylphenol		410000	U	28000	410000
2-Nitrophenol		65000	U	4100	65000
4-Nitrophenol		410000	U	4900	410000
Pentachlorophenol		410000	U	40000	410000
Phenol		65000	U	4300	65000
2,4,5-Trichlorophenol		410000	U	3300	410000
2,4,6-Trichlorophenol		65000	U	1800	65000
Benzyl alcohol		65000	U	6100	65000
4-Nitroaniline		65000	U	5000	65000
2,2'-oxybis[1-chloropropane]		65000	U	3400	65000

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	76		41 - 120
2-Fluorophenol	69		34 - 120
2,4,6-Tribromophenol	70		37 - 120
Nitrobenzene-d5	65		38 - 120
Phenol-d5	61		36 - 120
Terphenyl-d14	57		32 - 125

*9/24/09*  
*Emm*  
*9/23/09*

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11/17/09

### Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1

Sdg Number: 220-9672

Client Sample ID: WWSB-20 (55-57)

Lab Sample ID: 220-9672-1

Date Sampled: 07/21/2009 1500

Client Matrix: Solid

% Moisture: 23.1

Date Received: 07/21/2009 1945

#### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29379	Instrument ID:	MSC
Preparation:	3541	Prep Batch: 220-29241	Lab File ID:	C12461.D
Dilution:	20		Initial Weight/Volume:	15.06 g
Date Analyzed:	07/24/2009 2120		Final Weight/Volume:	1.0 mL
Date Prepared:	07/22/2009 0800		Injection Volume:	1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		27000	J ✓	410	7000
Acenaphthylene		5900	J ✓	340	7000
Anthracene		14000	J ✓	270	7000
Benzo[a]anthracene		6800	J ✓	250	7000
Benzo[a]pyrene		4900	J ✓	190	7000
Benzo[b]fluoranthene		2800	J ✓	190	7000
Benzo[g,h,i]perylene		1900	J ✓	460	7000
Benzo[k]fluoranthene		1200	J ✓	630	7000
Bis(2-chloroethoxy)methane		7000	U	320	7000
Bis(2-chloroethyl)ether		7000	U	360	7000
Bis(2-ethylhexyl) phthalate		7000	U	680	7000
Butyl benzyl phthalate		7000	U	390	7000
Carbazole		560	J ✓	390	7000
Chrysene		6600	J ✓	520	7000
Di-n-butyl phthalate		7000	U	1000	7000
Di-n-octyl phthalate		7000	U	400	7000
4-Bromophenyl phenyl ether		7000	U	450	7000
4-Chloroaniline		7000	U	1100	7000
2-Chloronaphthalene		7000	U	300	7000
4-Chlorophenyl phenyl ether		7000	U	520	7000
Dibenz(a,h)anthracene		7000	U ✓	550	7000
Dibenzofuran		1700	J ✓	490	7000
Diethyl phthalate		7000	U	700	7000
Dimethyl phthalate		7000	U	400	7000
1,2-Dichlorobenzene		7000	U	410	7000
1,3-Dichlorobenzene		7000	U	350	7000
1,4-Dichlorobenzene		7000	U	410	7000
3,3'-Dichlorobenzidine		17000	U	1400	17000
2,4-Dinitrotoluene		7000	U	560	7000
2,6-Dinitrotoluene		7000	U	200	7000
Fluoranthene		11000	J ✓	350	7000
Fluorene		15000	J ✓	420	7000
Hexachlorobenzene		7000	U	480	7000
Hexachlorobutadiene		7000	U	540	7000
Hexachlorocyclopentadiene		17000	U	3300	17000
Hexachloroethane		7000	U	400	7000
Indeno[1,2,3-cd]pyrene		1500	J ✓	450	7000
Isophorone		7000	U	390	7000
2-Methylnaphthalene		74000	J ✓	200	7000
Naphthalene		120000	J ✓	360	7000
2-Nitroaniline		44000	U	420	44000
3-Nitroaniline		44000	U	220	44000
Nitrobenzene		7000	U	450	7000
N-Nitrosodi-n-propylamine		7000	U	470	7000
N-Nitrosodiphenylamine		7000	U	390	7000
Phenanthrene		47000	J ✓	340	7000

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9/3/09

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11/17/09

### Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1  
Sdg Number: 220-9672

Client Sample ID: WWSB-20 (55-57)

Lab Sample ID: 220-9672-1  
Client Matrix: Solid

% Moisture: 23.1

Date Sampled: 07/21/2009 1500  
Date Received: 07/21/2009 1945

#### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch:	220-29379	Instrument ID:	MSC
Preparation:	3541	Prep Batch:	220-29241	Lab File ID:	C12461.D
Dilution:	20			Initial Weight/Volume:	15.06 g
Date Analyzed:	07/24/2009 2120			Final Weight/Volume:	1.0 mL
Date Prepared:	07/22/2009 0800			Injection Volume:	1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		18000	J ✓	330	7000
1,2,4-Trichlorobenzene		7000	U	460	7000
4-Chloro-3-methylphenol		7000	U	290	7000
2-Chlorophenol		7000	U	410	7000
2-Methylphenol		7000	U	420	7000
4-Methylphenol		7000	U	460	7000
2,4-Dichlorophenol		7000	U	370	7000
2,4-Dimethylphenol		7000	U	340	7000
2,4-Dinitrophenol		44000	U	2100	44000
4,6-Dinitro-2-methylphenol		44000	U	3000	44000
2-Nitrophenol		7000	U	440	7000
4-Nitrophenol		44000	U	530	44000
Pentachlorophenol		44000	U	4200	44000
Phenol		7000	U	460	7000
2,4,5-Trichlorophenol		44000	U	350	44000
2,4,6-Trichlorophenol		7000	U	190	7000
Benzyl alcohol		7000	U	660	7000
4-Nitroaniline		7000	U	540	7000
2,2'-oxybis[1-chloropropane]		7000	U	360	7000

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	74		41 - 120
2-Fluorophenol	60		34 - 120
2,4,6-Tribromophenol	65		37 - 120
Nitrobenzene-d5	61		38 - 120
Phenol-d5	62		36 - 120
Terphenyl-d14	69		32 - 125

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11/17/09

### Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1  
Sdg Number: 220-9672

Client Sample ID: WWSB-XX (56-58)

Lab Sample ID: 220-9672-2  
Client Matrix: Solid

% Moisture: 19.2

Date Sampled: 07/21/2009 1445  
Date Received: 07/21/2009 1945

#### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch:	220-29358	Instrument ID:	MSC
Preparation:	3541	Prep Batch:	220-29241	Lab File ID:	C12435.D
Dilution:	200			Initial Weight/Volume:	15.01 g
Date Analyzed:	07/24/2009 0013			Final Weight/Volume:	1.0 mL
Date Prepared:	07/22/2009 0800			Injection Volume:	1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		130000	J ✓	4000	67000
Acenaphthylene		29000	J ✓	3300	67000
Anthracene		63000	J ✓	2600	67000
Benzo[a]anthracene		32000	J ✓	2400	67000
Benzo[a]pyrene		22000	J ✓	1800	67000
Benzo[b]fluoranthene		14000	J ✓	1800	67000
Benzo[g,h,i]perylene		8100	J ✓	4400	67000
Benzo[k]fluoranthene		67000	U	6000	67000
Bis(2-chloroethoxy)methane		67000	U	3100	67000
Bis(2-chloroethyl)ether		67000	U	3500	67000
Bis(2-ethylhexyl) phthalate		67000	U	6500	67000
Butyl benzyl phthalate		67000	U	3700	67000
Carbazole		67000	U	3700	67000
Chrysene		29000	J ✓	4900	67000
Di-n-butyl phthalate		67000	U	9700	67000
Di-n-octyl phthalate		67000	U	3800	67000
4-Bromophenyl phenyl ether		67000	U	4300	67000
4-Chloroaniline		67000	U	11000	67000
2-Chloronaphthalene		67000	U	2800	67000
4-Chlorophenyl phenyl ether		67000	U	4900	67000
Dibenz(a,h)anthracene		67000	U	5200	67000
Dibenzofuran		9400	J ✓	4700	67000
Diethyl phthalate		67000	U	6700	67000
Dimethyl phthalate		67000	U	3800	67000
1,2-Dichlorobenzene		67000	U	4000	67000
1,3-Dichlorobenzene		67000	U	3300	67000
1,4-Dichlorobenzene		67000	U	4000	67000
3,3'-Dichlorobenzidine		170000	U	14000	170000
2,4-Dinitrotoluene		67000	U	5300	67000
2,6-Dinitrotoluene		67000	U ✓	2000	67000
Fluoranthene		50000	J ✓	3300	67000
Fluorene		73000	J ✓	4000	67000
Hexachlorobenzene		67000	U	4600	67000
Hexachlorobutadiene		67000	U	5100	67000
Hexachlorocyclopentadiene		170000	U	31000	170000
Hexachloroethane		67000	U	3800	67000
Indeno[1,2,3-cd]pyrene		6600	J ✓	4300	67000
Isophorone		67000	U	3700	67000
2-Methylnaphthalene		390000	J ✓	1900	67000
Naphthalene		760000	J ✓	3500	67000
2-Nitroaniline		420000	U	4100	420000
3-Nitroaniline		420000	U	2100	420000
Nitrobenzene		67000	U	4300	67000
N-Nitrosodi-n-propylamine		67000	U	4500	67000
N-Nitrosodiphenylamine		67000	U	3800	67000
Phenanthrene		220000	J ✓	3300	67000

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11/17/09

### Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1  
Sdg Number: 220-9672

Client Sample ID: WWSB-XX (56-58)

Lab Sample ID: 220-9672-2  
Client Matrix: Solid

% Moisture: 19.2

Date Sampled: 07/21/2009 1445  
Date Received: 07/21/2009 1945

#### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch:	220-29358	Instrument ID:	MSC
Preparation:	3541	Prep Batch:	220-29241	Lab File ID:	C12435.D
Dilution:	200			Initial Weight/Volume:	15.01 g
Date Analyzed:	07/24/2009 0013			Final Weight/Volume:	1.0 mL
Date Prepared:	07/22/2009 0800			Injection Volume:	1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		84000	JV	3100	67000
1,2,4-Trichlorobenzene		67000	U	4400	67000
4-Chloro-3-methylphenol		67000	U	2700	67000
2-Chlorophenol		67000	U	3900	67000
2-Methylphenol		67000	U	4000	67000
4-Methylphenol		67000	U	4400	67000
2,4-Dichlorophenol		67000	U	3600	67000
2,4-Dimethylphenol		67000	U	3200	67000
2,4-Dinitrophenol		420000	U	20000	420000
4,6-Dinitro-2-methylphenol		420000	U	29000	420000
2-Nitrophenol		67000	U	4200	67000
4-Nitrophenol		420000	U	5000	420000
Pentachlorophenol		420000	U	41000	420000
Phenol		67000	U	4400	67000
2,4,5-Trichlorophenol		420000	U	3400	420000
2,4,6-Trichlorophenol		67000	U	1800	67000
Benzyl alcohol		67000	U	6300	67000
4-Nitroaniline		67000	U	5100	67000
2,2'-oxybis[1-chloropropane]		67000	U	3500	67000

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	82		41 - 120
2-Fluorophenol	61		34 - 120
2,4,6-Tribromophenol	69		37 - 120
Nitrobenzene-d5	86		38 - 120
Phenol-d5	71		36 - 120
Terphenyl-d14	77		32 - 125

9/11/20/09  
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9/3/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1  
Sdg Number: 220-9672

**Client Sample ID:** WWSB-20 (55-57)

Lab Sample ID: 220-9672-1  
Client Matrix: Solid

% Moisture: 23.1

Date Sampled: 07/21/2009 1500  
Date Received: 07/21/2009 1945

### 6010B Metals (ICP)

Method: 6010B  
Preparation: 3050B  
Dilution: 1.0  
Date Analyzed: 08/03/2009 1433  
Date Prepared: 07/29/2009 1034

Analysis Batch: 220-29696  
Prep Batch: 220-29494

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 2.01 g  
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		1.6	U	0.081	1.6
Aluminum		2350		3.2	80.9
Arsenic		6.8	U	2.2	6.8
Barium		12.2		0.081	1.6
Beryllium		0.22	J ✓	0.081	1.6
Calcium		585 U ✓		16.2	80.9
Cadmium		1.1 J ✓	J ✓	0.32	1.6
Cobalt		3.8		0.16	1.6
Chromium		6.6 J ✓		0.16	1.6
Copper		8.6		0.61	1.9
Iron		12300		4.9	40.4
Potassium		401 U ✓		16.2	80.9
Magnesium		962 J ✓		2.9	80.9
Manganese		245 J ✓		0.081	2.4
Sodium		<del>52.8</del> 80.9 U J ✓ J		16.2	80.9
Nickel		5.7		0.32	1.6
Lead		6.6 J ✓		1.0	4.9
Antimony		5.3	U J ✓	1.6	5.3
Selenium		12.1	U J ✓	4.0	12.1
Thallium		<del>4.6</del> 4.9 U ✓	J ✓	1.1	4.9
Vanadium		11.0 J ✓		0.32	1.6
Zinc		14.5 J ✓		1.6	8.1

### 7471A Mercury (CVAA)

Method: 7471A  
Preparation: 7471A  
Dilution: 1.0  
Date Analyzed: 07/29/2009 1157  
Date Prepared: 07/28/2009 1133

Analysis Batch: 220-29506  
Prep Batch: 220-29450

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 0.62 g  
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.063	U	0.0050	0.063

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8/29/09



# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1

Sdg Number: 220-9672

Client Sample ID: WWSB-XX (56-58)

Lab Sample ID: 220-9672-2

Client Matrix: Solid

% Moisture: 19.2

Date Sampled: 07/21/2009 1445

Date Received: 07/21/2009 1945

## 6010B Metals (ICP)

Method: 6010B  
Preparation: 3050B  
Dilution: 1.0  
Date Analyzed: 08/03/2009 1436  
Date Prepared: 07/29/2009 1034

Analysis Batch: 220-29696  
Prep Batch: 220-29494

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 2.09 g  
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		1.5	U	0.074	1.5
Aluminum		1970		3.0	74.1
Arsenic		6.2	U	2.0	6.2
Barium		9.0		0.074	1.5
Beryllium		0.18	J ✓	0.074	1.5
Calcium		644 U ✓		14.8	74.1
Cadmium		0.94 J ✓		0.30	1.5
Cobalt		2.9		0.15	1.5
Chromium		7.4 J ✓		0.15	1.5
Copper		6.0		0.56	1.8
Iron		8930		4.4	37.0
Potassium		309 U ✓		14.8	74.1
Magnesium		787 J ✓		2.7	74.1
Manganese		120 J ✓		0.074	2.2
Sodium		<del>61.1</del> 74.1 U J ✓	J ✓	14.8	74.1
Nickel		5.0		0.30	1.5
Lead		5.4 J ✓		0.92	4.4
Antimony		4.9	U J ✓	1.5	4.9
Selenium		11.1	U J ✓	3.7	11.1
Thallium		<del>4.1</del> 4.4 U ✓	J ✓	1.0	4.4
Vanadium		10 J ✓		0.30	1.5
Zinc		11.0 J ✓		1.5	7.4

## 7471A Mercury (CVAA)

Method: 7471A  
Preparation: 7471A  
Dilution: 1.0  
Date Analyzed: 07/29/2009 1158  
Date Prepared: 07/28/2009 1133

Analysis Batch: 220-29506  
Prep Batch: 220-29450

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 0.64 g  
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.058	U	0.0046	0.058

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8/20/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1

Sdg Number: 220-9672

Client Sample ID: **WWSB-20 (62-63)**

Lab Sample ID: 220-9672-3

Date Sampled: 07/21/2009 1510

Client Matrix: Solid

% Moisture: 21.6

Date Received: 07/21/2009 1945

### 6010B Metals (ICP)

Method: 6010B  
Preparation: 3050B  
Dilution: 1.0  
Date Analyzed: 08/03/2009 1439  
Date Prepared: 07/29/2009 1034

Analysis Batch: 220-29696  
Prep Batch: 220-29494

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 2.00 g  
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		1.6	U	0.080	1.6
Aluminum		3570		3.2	79.7
Arsenic		<del>2.4</del> 6.7U	J ✓	2.2	6.7
Barium		29.7		0.080	1.6
Beryllium		0.45	J ✓	0.080	1.6
Calcium		903 U ✓		15.9	79.7
Cadmium		0.60	J ✓	0.32	1.6
Cobalt		5.5		0.16	1.6
Chromium		11.7 J ✓		0.16	1.6
Copper		11.5		0.61	1.9
Iron		19500		4.8	39.9
Potassium		620		15.9	79.7
Magnesium		1150 J ✓		2.9	79.7
Manganese		481		0.080	2.4
Sodium		<del>28.2</del> 79.7UJ ✓	J ✓	15.9	79.7
Nickel		7.5		0.32	1.6
Lead		8.4 J ✓		0.99	4.8
Antimony		5.3	U J ✓	1.6	5.3
Selenium		12.0	U J ✓	4.0	12.0
Thallium		<del>4.1</del> 4.8U	J ✓	1.1	4.8
Vanadium		19.2 J ✓		0.32	1.6
Zinc		28.8 J ✓		1.6	8.0

### 7471A Mercury (CVAA)

Method: 7471A  
Preparation: 7471A  
Dilution: 1.0  
Date Analyzed: 07/29/2009 1159  
Date Prepared: 07/28/2009 1133

Analysis Batch: 220-29506  
Prep Batch: 220-29450

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 0.63 g  
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		<del>0.010</del> 0.061U	J ✓	0.0049	0.061

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1

Sdg Number: 220-9672

Client Sample ID: **WWSB-21 (15-25)**

Lab Sample ID: 220-9672-4

Date Sampled: 07/22/2009 1245

Client Matrix: Water

Date Received: 07/23/2009 1815

### 6010B Metals (ICP)

Method: 6010B  
Preparation: 3010A  
Dilution: 1.0  
Date Analyzed: 07/28/2009 1402  
Date Prepared: 07/27/2009 1051

Analysis Batch: 220-29471  
Prep Batch: 220-29412

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 100 mL  
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	UJ ✓	0.25	5.0
Aluminum	3260	J ✓	10.0	250
Arsenic	4.9	J ✓	4.0	15.0
Barium	726	J ✓	0.25	5.0
Beryllium	0.29	J ✓	0.25	5.0
Calcium	41000		50.0	250
Cadmium	5.0	UJ ✓	1.0	5.0
Cobalt	13.9 J ✓		0.50	5.0
Chromium	7.6 J ✓		0.50	5.0
Copper	10.2 JJ ✓		1.5	10.0
Iron	8890		15.0	125
Potassium	115000		50.0	250
Magnesium	261000		5.0	250
Manganese	332		0.25	8.0
Sodium	205000		50.0	250
Nickel	4.7	J ✓	1.0	5.0
Lead	16.6 UJ ✓		2.5	15.0
Antimony	15.0	UJ ✓	5.0	15.0
Selenium	38.0	UJ ✓	12.5	38.0
Thallium	6.5 15.0U J ✓		3.5	15.0
Vanadium	14.8 J ✓		1.0	5.0
Zinc	25.2 U ✓		5.0	25.0

### 7470A Mercury (CVAA)

Method: 7470A  
Preparation: 7470A  
Dilution: 1.0  
Date Analyzed: 08/04/2009 1136  
Date Prepared: 08/03/2009 1311

Analysis Batch: 220-29723  
Prep Batch: 220-29672

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 25 mL  
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20 0.40	U	0.060	-0.20 0.40 ✓

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1  
Sdg Number: 220-9672

Client Sample ID: **WWSB-21 (33-34)**

Lab Sample ID: 220-9672-5

Date Sampled: 07/22/2009 1445

Client Matrix: Solid

% Moisture: 20.9

Date Received: 07/23/2009 1815

### 6010B Metals (ICP)

Method: 6010B  
Preparation: 3050B  
Dilution: 1.0  
Date Analyzed: 08/03/2009 1442  
Date Prepared: 07/29/2009 1034

Analysis Batch: 220-29696  
Prep Batch: 220-29494

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 2.02 g  
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.12	J ✓	0.078	1.6
Aluminum		2820		3.1	78.2
Arsenic		<del>2.7</del> 6.6 U	J ✓	2.1	6.6
Barium		19.2		0.078	1.6
Beryllium		0.38	J ✓	0.078	1.6
Calcium		669 U ✓		15.6	78.2
Cadmium		0.55	J ✓	0.31	1.6
Cobalt		3.7		0.16	1.6
Chromium		11.7 J ✓		0.16	1.6
Copper		8.4		0.59	1.9
Iron		12000		4.7	39.1
Potassium		476		15.6	78.2
Magnesium		921 J ✓		2.8	78.2
Manganese		82.6		0.078	2.3
Sodium		<del>46.1</del> 78.2 U J	J ✓	15.6	78.2
Nickel		6.7		0.31	1.6
Lead		6.8 J ✓		0.97	4.7
Antimony		5.2	U J ✓	1.6	5.2
Selenium		11.7	U J ✓	3.9	11.7
Thallium		<del>3.9</del> 4.7 U	J ✓	1.1	4.7
Vanadium		28.1 J ✓		0.31	1.6
Zinc		18.7 J ✓		1.6	7.8

### 7471A Mercury (CVAA)

Method: 7471A  
Preparation: 7471A  
Dilution: 1.0  
Date Analyzed: 07/29/2009 1200  
Date Prepared: 07/28/2009 1133

Analysis Batch: 220-29506  
Prep Batch: 220-29450

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 0.61 g  
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.062	U	0.0050	0.062

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1  
Sdg Number: 220-9672

**Client Sample ID: WWSB-21 (68-69)**

Lab Sample ID: 220-9672-6  
Client Matrix: Solid

% Moisture: 17.4

Date Sampled: 07/22/2009 0900  
Date Received: 07/23/2009 1815

### 6010B Metals (ICP)

Method: 6010B	Analysis Batch: 220-29696	Instrument ID: ICAP3
Preparation: 3050B	Prep Batch: 220-29494	Lab File ID: N/A
Dilution: 1.0		Initial Weight/Volume: 2.07 g
Date Analyzed: 08/03/2009 1445		Final Weight/Volume: 250 mL
Date Prepared: 07/29/2009 1034		

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.15	J ✓	0.073	1.5
Aluminum		1330		2.9	73.1
Arsenic		<del>3.2</del> 6.1U	J ✓	2.0	6.1
Barium		14.1		0.073	1.5
Beryllium		0.41	J ✓	0.073	1.5
Calcium		602 U ✓		14.6	73.1
Cadmium		1.5	UJ ✓	0.29	1.5
Cobalt		4.5 J ✓		0.15	1.5
Chromium		8.6 J ✓		0.15	1.5
Copper		9.9		0.56	1.8
Iron		36200		4.4	36.6
Potassium		149 U ✓		14.6	73.1
Magnesium		278 UJ ✓		2.7	73.1
Manganese		935		0.073	2.2
Sodium		73.1	UJ ✓	14.6	73.1
Nickel		3.9 J ✓		0.29	1.5
Lead		6.9 J ✓		0.91	4.4
Antimony		4.8	UJ ✓	1.5	4.8
Selenium		10.5	J ✓	3.7	11.0
Thallium		5.2 UJ ✓		1.0	4.4
Vanadium		20.2 J ✓		0.29	1.5
Zinc		24.2 J ✓		1.5	7.3

### 7471A Mercury (CVAA)

Method: 7471A	Analysis Batch: 220-29506	Instrument ID: MERC1
Preparation: 7471A	Prep Batch: 220-29461	Lab File ID: N/A
Dilution: 1.0		Initial Weight/Volume: 0.61 g
Date Analyzed: 07/29/2009 1205		Final Weight/Volume: 50 mL
Date Prepared: 07/28/2009 1350		

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		<del>0.0054</del> 0.060U	J ✓	0.0048	0.060 ✓

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1  
Sdg Number: 220-9672

Client Sample ID: **WWSB-21 (40-50)**

Lab Sample ID: 220-9672-7  
Client Matrix: Water

Date Sampled: 07/23/2009 1300  
Date Received: 07/23/2009 1815

### 6010B Metals (ICP)

Method: 6010B  
Preparation: 3010A  
Dilution: 1.0  
Date Analyzed: 07/28/2009 1405  
Date Prepared: 07/27/2009 1051

Analysis Batch: 220-29471  
Prep Batch: 220-29412

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 100 mL  
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	0.25	5.0
Aluminum	869		10.0	250
Arsenic	15.0	U	4.0	15.0
Barium	98.5		0.25	5.0
Beryllium	5.0	U	0.25	5.0
Calcium	66900		50.0	250
Cadmium	5.0	U	1.0	5.0
Cobalt	1.6	J ✓	0.50	5.0
Chromium	1.1	J ✓	0.50	5.0
Copper	<del>2.0</del> 10.0 U	J ✓	1.5	10.0
Iron	2420		15.0	125
Potassium	15500		50.0	250
Magnesium	29100		5.0	250
Manganese	452		0.25	8.0
Sodium	56500		50.0	250
Nickel	5.0	U	1.0	5.0
Lead	15.0	U	2.5	15.0
Antimony	15.0	U	5.0	15.0
Selenium	38.0	U	12.5	38.0
Thallium	<del>8.6</del> 15.0 U	J ✓	3.5	15.0
Vanadium	4.2	J ✓	1.0	5.0
Zinc	<del>9.5</del> 25.0 U	J ✓	5.0	25.0

### 7470A Mercury (CVAA)

Method: 7470A  
Preparation: 7470A  
Dilution: 1.0  
Date Analyzed: 08/04/2009 1139  
Date Prepared: 08/03/2009 1311

Analysis Batch: 220-29723  
Prep Batch: 220-29672

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 25 mL  
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	<del>0.20</del> 0.40	U	0.060	<del>0.20</del> 0.40 ✓

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1  
Sdg Number: 220-9672

Client Sample ID: **WWFB-072309**

Lab Sample ID: 220-9672-9FB  
Client Matrix: Water

Date Sampled: 07/23/2009 1345  
Date Received: 07/23/2009 1815

### 6010B Metals (ICP)

Method: 6010B  
Preparation: 3010A  
Dilution: 1.0  
Date Analyzed: 07/28/2009 1408  
Date Prepared: 07/27/2009 1051

Analysis Batch: 220-29471  
Prep Batch: 220-29412

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 100 mL  
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	0.25	5.0
Aluminum	250	U	10.0	250
Arsenic	15.0	U	4.0	15.0
Barium	1.8	J ✓	0.25	5.0
Beryllium	5.0	U	0.25	5.0
Calcium	3910		50.0	250
Cadmium	5.0	U	1.0	5.0
Cobalt	5.0	U	0.50	5.0
Chromium	5.0	U	0.50	5.0
Copper	10.0	U	1.5	10.0
Iron	125	U	15.0	125
Potassium	584		50.0	250
Magnesium	841		5.0	250
Manganese	0.88	J ✓	0.25	8.0
Sodium	4450		50.0	250
Nickel	5.0	U	1.0	5.0
Lead	3.0	J ✓	2.5	15.0
Antimony	15.0	U	5.0	15.0
Selenium	38.0	U	12.5	38.0
Thallium	15.0	U	3.5	15.0
Vanadium	5.0	U J ✓	1.0	5.0
Zinc	8.1	J ✓	5.0	25.0

### 7470A Mercury (CVAA)

Method: 7470A  
Preparation: 7470A  
Dilution: 1.0  
Date Analyzed: 08/04/2009 1140  
Date Prepared: 08/03/2009 1311

Analysis Batch: 220-29723  
Prep Batch: 220-29672

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 25 mL  
Final Weight/Volume: 50 mL

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Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	<del>0.20</del> 0.40	U	0.060	<del>0.20</del> 0.40 ✓

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1  
Sdg Number: 220-9672

**Client Sample ID: WWSB-22 (37-38)**

Lab Sample ID: 220-9672-10  
Client Matrix: Solid

% Moisture: 17.5

Date Sampled: 07/24/2009 1300  
Date Received: 07/24/2009 1809

### 6010B Metals (ICP)

Method: 6010B  
Preparation: 3050B  
Dilution: 1.0  
Date Analyzed: 08/03/2009 1510  
Date Prepared: 07/29/2009 1034

Analysis Batch: 220-29696  
Prep Batch: 220-29494

Instrument ID: ICAP3  
Lab File ID: N/A  
Initial Weight/Volume: 2.00 g  
Final Weight/Volume: 250 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.29	J ✓	0.076	1.5
Aluminum		3570		3.0	75.7
Arsenic		<del>3.0</del> 6.4U ✓	J ✓	2.0	6.4
Barium		30.7		0.076	1.5
Beryllium		0.43	J ✓	0.076	1.5
Calcium		948	U ✓	15.1	75.7
Cadmium		0.53	J ✓	0.30	1.5
Cobalt		7.2		0.15	1.5
Chromium		15.8	J ✓	0.15	1.5
Copper		14.9		0.58	1.8
Iron		13700		4.5	37.9
Potassium		603		15.1	75.7
Magnesium		1220	J ✓	2.8	75.7
Manganese		331		0.076	2.3
Sodium		114	UJ ✓	15.1	75.7
Nickel		8.9		0.30	1.5
Lead		6.6	J ✓	0.94	4.5
Antimony		5.0	UJ ✓	1.5	5.0
Selenium		11.4	UJ ✓	3.8	11.4
Thallium		<del>2.5</del> 4.5U ✓	J ✓	1.1	4.5
Vanadium		26.2	J ✓	0.30	1.5
Zinc		21.1	J ✓	1.5	7.6

### 7471A Mercury (CVAA)

Method: 7471A  
Preparation: 7471A  
Dilution: 1.0  
Date Analyzed: 07/29/2009 1210  
Date Prepared: 07/28/2009 1350

Analysis Batch: 220-29506  
Prep Batch: 220-29461

Instrument ID: MERC1  
Lab File ID: N/A  
Initial Weight/Volume: 0.65 g  
Final Weight/Volume: 50 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.056	U	0.0045	0.056

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Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1  
Sdg Number: 220-9672

General Chemistry

Client Sample ID: WWSB-20 (55-57)

Lab Sample ID: 220-9672-1  
Client Matrix: Solid

% Moisture: 23.1

Date Sampled: 07/21/2009 1500  
Date Received: 07/21/2009 1945

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	260	U	ug/Kg	26.4	260	1.0	D4282_02
		Analysis Batch: 220-29332		Date Analyzed: 07/23/2009 1515		DryWt Corrected: Y	
		Prep Batch: 220-29330		Date Prepared: 07/23/2009 1038			

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	23.1		%	0.10	0.10	1.0	Moisture
		Analysis Batch: 220-29289		Date Analyzed: 07/22/2009 1523		DryWt Corrected: N	
Percent Solids	76.9		%	0.10	0.10	1.0	Moisture
		Analysis Batch: 220-29289		Date Analyzed: 07/22/2009 1523		DryWt Corrected: N	



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**Analytical Data**

Client: GEI Consultants, Inc.

Job Number: 220-9672-1  
Sdg Number: 220-9672

**General Chemistry**

Client Sample ID: **WWSB-XX (56-58)**

Lab Sample ID: 220-9672-2

Client Matrix: Solid

% Moisture: 19.2

Date Sampled: 07/21/2009 1445

Date Received: 07/21/2009 1945

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	246	U	ug/Kg	25.0	246	1.0	D4282_02
Analysis Batch: 220-29332		Date Analyzed: 07/23/2009 1516		DryWt Corrected: Y			
Prep Batch: 220-29330		Date Prepared: 07/23/2009 1038					

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	19.2		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-29289		Date Analyzed: 07/22/2009 1523		DryWt Corrected: N			
Percent Solids	80.8		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-29289		Date Analyzed: 07/22/2009 1523		DryWt Corrected: N			

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Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1  
Sdg Number: 220-9672

General Chemistry

Client Sample ID: WWSB-20 (62-63)

Lab Sample ID: 220-9672-3  
Client Matrix: Solid

% Moisture: 21.6

Date Sampled: 07/21/2009 1510  
Date Received: 07/21/2009 1945

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	254	U	ug/Kg	25.8	254	1.0	D4282_02
Analysis Batch: 220-29332		Date Analyzed: 07/23/2009 1516		DryWt Corrected: Y			
Prep Batch: 220-29330		Date Prepared: 07/23/2009 1038					

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	21.6		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-29289		Date Analyzed: 07/22/2009 1523		DryWt Corrected: N			
Percent Solids	78.4		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-29289		Date Analyzed: 07/22/2009 1523		DryWt Corrected: N			

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Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1  
Sdg Number: 220-9672

General Chemistry

Client Sample ID: WWSB-21 (15-25)

Lab Sample ID: 220-9672-4  
Client Matrix: Water

Date Sampled: 07/22/2009 1245  
Date Received: 07/23/2009 1815

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	3140		ug/L	72.5	250	25	9012B
	Analysis Batch: 220-29498		Date Analyzed: 07/29/2009 1026				
	Prep Batch: 220-29478		Date Prepared: 07/27/2009 1640				
Ammonia	0.96		mg/L	0.033	0.10	1.0	SM 4500 NH3
	Analysis Batch: 220-29833		Date Analyzed: 08/06/2009 0953				
	Prep Batch: 220-29829		Date Prepared: 08/03/2009 1845				

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**Analytical Data**

Client: GEI Consultants, Inc.

Job Number: 220-9672-1  
Sdg Number: 220-9672

**General Chemistry**

Client Sample ID: **WWSB-21 (33-34)**

Lab Sample ID: 220-9672-5  
Client Matrix: Solid

% Moisture: 20.9

Date Sampled: 07/22/2009 1445  
Date Received: 07/23/2009 1815

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	250	U	ug/Kg	25.4	250	1.0	D4282_02 DryWt Corrected: Y
	Analysis Batch: 220-29568		Date Analyzed: 07/29/2009 1623				
	Prep Batch: 220-29517		Date Prepared: 07/29/2009 1130				
Ammonia	14.9		mg/Kg	1.2	2.5	1.0	SM 4500 NH3 DryWt Corrected: Y
	Analysis Batch: 220-29931		Date Analyzed: 08/10/2009 1437				
	Prep Batch: 220-29915		Date Prepared: 08/06/2009 1545				
Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	20.9		%	0.10	0.10	1.0	Moisture DryWt Corrected: N
	Analysis Batch: 220-29385		Date Analyzed: 07/24/2009 1503				
Percent Solids	79.1		%	0.10	0.10	1.0	Moisture DryWt Corrected: N
	Analysis Batch: 220-29385		Date Analyzed: 07/24/2009 1503				

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1  
Sdg Number: 220-9672

### General Chemistry

**Client Sample ID: WWSB-21 (68-69)**

Lab Sample ID: 220-9672-6  
Client Matrix: Solid

% Moisture: 17.4

Date Sampled: 07/22/2009 0900  
Date Received: 07/23/2009 1815

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	241	U	ug/Kg	24.5	241	1.0	D4282_02 DryWt Corrected: Y
Analysis Batch: 220-29568		Date Analyzed: 07/29/2009 1623					
Prep Batch: 220-29517		Date Prepared: 07/29/2009 1130					
Ammonia	2.4	U	mg/Kg	1.2	2.4	1.0	SM 4500 NH3 DryWt Corrected: Y
Analysis Batch: 220-29931		Date Analyzed: 08/10/2009 1437					
Prep Batch: 220-29915		Date Prepared: 08/06/2009 1545					
Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	17.4		%	0.10	0.10	1.0	Moisture DryWt Corrected: N
Analysis Batch: 220-29385		Date Analyzed: 07/24/2009 1503					
Percent Solids	82.6		%	0.10	0.10	1.0	Moisture DryWt Corrected: N
Analysis Batch: 220-29385		Date Analyzed: 07/24/2009 1503					

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*[Signature]*

Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1  
Sdg Number: 220-9672

General Chemistry

Client Sample ID: WWSB-21 (40-50)

Lab Sample ID: 220-9672-7  
Client Matrix: Water

Date Sampled: 07/23/2009 1300  
Date Received: 07/23/2009 1815

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	58.6		ug/L	2.9	10.0	1.0	9012B
	Analysis Batch: 220-29498		Date Analyzed: 07/29/2009 1027				
	Prep Batch: 220-29478		Date Prepared: 07/27/2009 1640				
Ammonia	3.8		mg/L	0.033	0.10	1.0	SM 4500 NH3
	Analysis Batch: 220-29833		Date Analyzed: 08/06/2009 1004				
	Prep Batch: 220-29829		Date Prepared: 08/03/2009 1845				

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Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1  
Sdg Number: 220-9672

General Chemistry

Client Sample ID: WWFB-072309

Lab Sample ID: 220-9672-9FB  
Client Matrix: Water

Date Sampled: 07/23/2009 1345  
Date Received: 07/23/2009 1815

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Total	10.0	U	ug/L	2.9	10.0	1.0	9012B
	Analysis Batch: 220-29498		Date Analyzed: 07/29/2009 1029				
	Prep Batch: 220-29478		Date Prepared: 07/27/2009 1640				
Ammonia	0.10	U	mg/L	0.033	0.10	1.0	SM 4500 NH3
	Analysis Batch: 220-29833		Date Analyzed: 08/06/2009 1004				
	Prep Batch: 220-29829		Date Prepared: 08/03/2009 1845				

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9672-1

Sdg Number: 220-9672

### General Chemistry

Client Sample ID: WWSB-22 (37-38)

Date Sampled: 07/24/2009 1300

Lab Sample ID: 220-9672-10

Date Received: 07/24/2009 1809

Client Matrix: Solid

% Moisture: 17.5

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Free	241	U	ug/Kg	24.5	241	1.0	D4282_02
	Analysis Batch: 220-29568		Date Analyzed: 07/29/2009 1626				DryWt Corrected: Y
	Prep Batch: 220-29517		Date Prepared: 07/29/2009 1130				
Ammonia	16.3		mg/Kg	1.2	2.4	1.0	SM 4500 NH3
	Analysis Batch: 220-29931		Date Analyzed: 08/10/2009 1448				DryWt Corrected: Y
	Prep Batch: 220-29915		Date Prepared: 08/06/2009 1545				
Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	17.5		%	0.10	0.10	1.0	Moisture
	Analysis Batch: 220-29469		Date Analyzed: 07/28/2009 1503				DryWt Corrected: N
Percent Solids	82.5		%	0.10	0.10	1.0	Moisture
	Analysis Batch: 220-29469		Date Analyzed: 07/28/2009 1503				DryWt Corrected: N

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

**Client Sample ID: WWSB-22 (55-65)**

Lab Sample ID: 220-9729-1

Date Sampled: 07/27/2009 1615

Client Matrix: Water

Date Received: 07/28/2009 1855

### 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B	Analysis Batch: 220-29883	Instrument ID: MSL
Preparation: 5030B		Lab File ID: L6501.D
Dilution: 100		Initial Weight/Volume: 5 mL
Date Analyzed: 08/06/2009 2008		Final Weight/Volume: 5 mL
Date Prepared: 08/06/2009 2008		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1000	U	100	1000
Benzene	9600		74	500
Bromodichloromethane	500	U	48	500
Bromoform	500	U	46	500
Bromomethane	500	U	210	500
Methyl Ethyl Ketone	1000	U	110	1000
Carbon disulfide	500	U	90	500
Carbon tetrachloride	500	U	110	500
Chlorobenzene	500	U	72	500
Chloroethane	500	U	110	500
Chloroform	500	U	67	500
Chloromethane	500	U	110	500
Dibromochloromethane	500	U	55	500
1,1-Dichloroethane	500	U	100	500
1,2-Dichloroethane	500	U	72	500
1,1-Dichloroethene	500	U ✓	83	500
1,2-Dichloropropane	500	U	71	500
cis-1,3-Dichloropropene	500	U	28	500
trans-1,3-Dichloropropene	500	U	57	500
Ethylbenzene	1400		87	500
2-Hexanone	1000	U	110	1000
Methylene Chloride	<del>150</del> 5000	<del>U</del> JB ✓	78	500
methyl isobutyl ketone	1000	U	38	1000
Styrene	500	U	64	500
1,1,2,2-Tetrachloroethane	500	U	81	500
Tetrachloroethene	500	U	81	500
Toluene	1100		72	500
1,1,1-Trichloroethane	500	U	69	500
1,1,2-Trichloroethane	500	U	65	500
Trichloroethene	500	U	62	500
Vinyl chloride	500	U	99	500
Xylenes, Total	1500		230	500
cis-1,2-Dichloroethene	500	U	99	500
trans-1,2-Dichloroethene	500	U ✓	76	500
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	99		65 - 136	
4-Bromofluorobenzene	98		51 - 142	
Dibromofluoromethane	100		68 - 132	
Toluene-d8 (Surr)	103		63 - 127	

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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

Client Sample ID: **WWSB-22 (65-65.5)**

Lab Sample ID: 220-9729-2

Date Sampled: 07/27/2009 1320

Client Matrix: Solid

% Moisture: 23.0

Date Received: 07/28/2009 1855

## 8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-29852	Instrument ID:	MSN
Preparation:	5030B		Lab File ID:	N4175.D
Dilution:	1.0		Initial Weight/Volume:	5 g
Date Analyzed:	08/04/2009 2302		Final Weight/Volume:	5 mL
Date Prepared:	08/04/2009 2302			

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	26 U	<del>22</del>	J B ✓	2.9	26
Benzene		27		0.74	6.5
Bromodichloromethane		6.5	U	0.39	6.5
Bromoform		6.5	U	0.79	6.5
Bromomethane		6.5	U	2.7	6.5
Methyl Ethyl Ketone		13	U	2.1	13
Carbon disulfide		1.4	J J ✓	0.53	6.5
Carbon tetrachloride		6.5	U	1.2	6.5
Chlorobenzene		6.5	U	0.77	6.5
Chloroethane		6.5	U	1.3	6.5
Chloroform		6.5	U	0.44	6.5
Chloromethane		6.5	U	1.0	6.5
Dibromochloromethane		6.5	U	0.45	6.5
1,1-Dichloroethane		6.5	U	0.39	6.5
1,2-Dichloroethane		6.5	U	0.75	6.5
1,1-Dichloroethene		6.5	U	0.75	6.5
1,2-Dichloropropane		6.5	U	0.87	6.5
cis-1,3-Dichloropropene		6.5	U	0.73	6.5
trans-1,3-Dichloropropene		6.5	U	0.35	6.5
Ethylbenzene		22		0.91	6.5
2-Hexanone		13	U	1.6	13
Methylene Chloride	26 U	<del>6.2</del>	J B ✓	1.4	26
methyl isobutyl ketone		6.5	U	0.71	6.5
Styrene		6.5	U	0.19	6.5
1,1,2,2-Tetrachloroethane		6.5	U	0.68	6.5
Tetrachloroethene		6.5	U	1.1	6.5
Toluene		62		0.096	6.5
1,1,1-Trichloroethane		6.5	U	0.69	6.5
1,1,2-Trichloroethane		6.5	U	0.48	6.5
Trichloroethene		6.5	U	1.1	6.5
Vinyl chloride		6.5	U	0.30	6.5
Xylenes, Total		54		0.63	6.5
cis-1,2-Dichloroethene		6.5	U	0.48	6.5
trans-1,2-Dichloroethene		6.5	U	0.51	6.5

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		59 - 132
4-Bromofluorobenzene	100		34 - 124
Dibromofluoromethane	86		59 - 123
Toluene-d8 (Surr)	96		50 - 118

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1  
Sdg Number: 220-9729

**Client Sample ID: WWSB-19 (2-3)**

Lab Sample ID: 220-9729-3  
Client Matrix: Solid

% Moisture: 17.0

Date Sampled: 07/27/2009 1050  
Date Received: 07/28/2009 1855

### 8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-29852	Instrument ID: MSN
Preparation:	5030B		Lab File ID: N4176.D
Dilution:	1.0		Initial Weight/Volume: 5 g
Date Analyzed:	08/04/2009 2327		Final Weight/Volume: 5 mL
Date Prepared:	08/04/2009 2327		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone	46.0	46	B ✓	2.7	24
Benzene	6.0	2.5	J ✓	0.69	6.0
Bromodichloromethane		6.0	U	0.36	6.0
Bromoform		6.0	U	0.74	6.0
Bromomethane		6.0	U	2.5	6.0
Methyl Ethyl Ketone		12	U	1.9	12
Carbon disulfide		6.0	U	0.49	6.0
Carbon tetrachloride		6.0	U	1.1	6.0
Chlorobenzene		6.0	U	0.71	6.0
Chloroethane		6.0	U	1.2	6.0
Chloroform		6.0	U	0.41	6.0
Chloromethane		6.0	U	0.94	6.0
Dibromochloromethane		6.0	U	0.42	6.0
1,1-Dichloroethane		6.0	U	0.36	6.0
1,2-Dichloroethane		6.0	U	0.70	6.0
1,1-Dichloroethene		6.0	U	0.70	6.0
1,2-Dichloropropane		6.0	U	0.81	6.0
cis-1,3-Dichloropropene		6.0	U	0.68	6.0
trans-1,3-Dichloropropene		6.0	U	0.33	6.0
Ethylbenzene		9.1		0.84	6.0
2-Hexanone		12	U	1.4	12
Methylene Chloride	24.0	7.3	J.B. ✓	1.3	24
methyl isobutyl ketone		6.0	U	0.66	6.0
Styrene		6.0	U	0.18	6.0
1,1,2,2-Tetrachloroethane		6.0	U	0.63	6.0
Tetrachloroethene		6.0	U	0.98	6.0
Toluene		37		0.089	6.0
1,1,1-Trichloroethane		6.0	U	0.64	6.0
1,1,2-Trichloroethane		6.0	U	0.45	6.0
Trichloroethene		6.0	U	0.98	6.0
Vinyl chloride		6.0	U	0.28	6.0
Xylenes, Total		55		0.59	6.0
cis-1,2-Dichloroethene		6.0	U	0.45	6.0
trans-1,2-Dichloroethene		6.0	U	0.47	6.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88		59 - 132
4-Bromofluorobenzene	89		34 - 124
Dibromofluoromethane	81		59 - 123
Toluene-d8 (Surr)	86		50 - 118

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*ERM 10/27/09*



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

Client Sample ID: **WWTB-072809**

Lab Sample ID: 220-9729-4TB

Date Sampled: 07/28/2009 0830

Client Matrix: Water

Date Received: 07/28/2009 1855

### 8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-29883	Instrument ID: MSL
Preparation:	5030B		Lab File ID: L6500.D
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	08/06/2009 1944		Final Weight/Volume: 5 mL
Date Prepared:	08/06/2009 1944		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	1.1	J J ✓	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U ✓	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	1.8	J B J ✓	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	2.4	J J ✓	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U* ✓	0.76	5.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	98		65 - 136	
4-Bromofluorobenzene	79		51 - 142	
Dibromofluoromethane	98		68 - 132	
Toluene-d8 (Surr)	81		63 - 127	

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

Client Sample ID: **WWSB-18 (3.5-4.5)**

Lab Sample ID: 220-9729-5

Date Sampled: 07/27/2009 1015

Client Matrix: Solid

% Moisture: 13.7

Date Received: 07/28/2009 1855

### 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B	Analysis Batch: 220-29852	Instrument ID: MSN	
Preparation: 5030B		Lab File ID: N4177.D	
Dilution: 1.0		Initial Weight/Volume: 5 g	
Date Analyzed: 08/04/2009 2353		Final Weight/Volume: 5 mL	
Date Prepared: 08/04/2009 2353			

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		<del>8.3</del>	<del>JB</del> ✓	2.6	23
Benzene		<del>3.4</del>	<del>JJ</del> ✓	0.66	5.8
Bromodichloromethane		5.8	U	0.35	5.8
Bromoform		5.8	U	0.71	5.8
Bromomethane		5.8	U	2.4	5.8
Methyl Ethyl Ketone		12	U	1.8	12
Carbon disulfide		5.8	U	0.47	5.8
Carbon tetrachloride		5.8	U	1.1	5.8
Chlorobenzene		5.8	U	0.68	5.8
Chloroethane		5.8	U	1.1	5.8
Chloroform		5.8	U	0.39	5.8
Chloromethane		5.8	U	0.90	5.8
Dibromochloromethane		5.8	U	0.41	5.8
1,1-Dichloroethane		5.8	U	0.35	5.8
1,2-Dichloroethane		5.8	U	0.67	5.8
1,1-Dichloroethene		5.8	U	0.67	5.8
1,2-Dichloropropane		5.8	U	0.78	5.8
cis-1,3-Dichloropropene		5.8	U	0.65	5.8
trans-1,3-Dichloropropene		5.8	U	0.31	5.8
Ethylbenzene		3.4	JJ ✓	0.81	5.8
2-Hexanone		12	U	1.4	12
Methylene Chloride		<del>5.6</del>	<del>JB</del> ✓	1.3	23
methyl isobutyl ketone		5.8	U	0.64	5.8
Styrene		5.8	U	0.17	5.8
1,1,2,2-Tetrachloroethane		5.8	U	0.60	5.8
Tetrachloroethene		5.8	U	0.94	5.8
Toluene		<del>26</del> ✓		0.086	5.8
1,1,1-Trichloroethane		5.8	U	0.61	5.8
1,1,2-Trichloroethane		5.8	U	0.43	5.8
Trichloroethene		5.8	U	0.94	5.8
Vinyl chloride		5.8	U	0.27	5.8
Xylenes, Total		19		0.56	5.8
cis-1,2-Dichloroethene		5.8	U	0.43	5.8
trans-1,2-Dichloroethene		5.8	U	0.45	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84		59 - 132
4-Bromofluorobenzene	84		34 - 124
Dibromofluoromethane	79		59 - 123
Toluene-d8 (Surr)	80		50 - 118

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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

Client Sample ID: WWMW-16 (2-3.5)

Lab Sample ID: 220-9729-6

Date Sampled: 07/27/2009 1140

Client Matrix: Solid

% Moisture: 12.7

Date Received: 07/28/2009 1855

## 8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-29745	Instrument ID:	MSN
Preparation:	5030B		Lab File ID:	N4162.D
Dilution:	1.0		Initial Weight/Volume:	5 g
Date Analyzed:	08/03/2009 1943		Final Weight/Volume:	5 mL
Date Prepared:	08/03/2009 1943			

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		23	U	2.6	23
Benzene	5.7U	<del>5.1</del>	J J ✓	0.65	5.7
Bromodichloromethane		5.7	U	0.34	5.7
Bromoform		5.7	U	0.70	5.7
Bromomethane		5.7	U ✓	2.4	5.7
Methyl Ethyl Ketone		11	U ✓	1.8	11
Carbon disulfide		5.7	U	0.47	5.7
Carbon tetrachloride		5.7	U	1.1	5.7
Chlorobenzene		5.7	U	0.68	5.7
Chloroethane		5.7	U	1.1	5.7
Chloroform		5.7	U	0.39	5.7
Chloromethane		5.7	U	0.89	5.7
Dibromochloromethane		5.7	U	0.40	5.7
1,1-Dichloroethane		5.7	U	0.34	5.7
1,2-Dichloroethane		5.7	U	0.66	5.7
1,1-Dichloroethene		5.7	U	0.66	5.7
1,2-Dichloropropane		5.7	U	0.77	5.7
cis-1,3-Dichloropropene		5.7	U	0.64	5.7
trans-1,3-Dichloropropene		5.7	U	0.31	5.7
Ethylbenzene		4.5	J J ✓	0.80	5.7
2-Hexanone		11	U	1.4	11
Methylene Chloride	2.3U	<del>5.3</del>	J B ✓	1.2	23
methyl isobutyl ketone		5.7	U	0.63	5.7
Styrene		5.7	U	0.17	5.7
1,1,2,2-Tetrachloroethane		5.7	U	0.60	5.7
Tetrachloroethene		5.7	U	0.93	5.7
Toluene		29		0.085	5.7
1,1,1-Trichloroethane		5.7	U	0.61	5.7
1,1,2-Trichloroethane		5.7	U	0.42	5.7
Trichloroethene		5.7	U	0.93	5.7
Vinyl chloride		5.7	U	0.26	5.7
Xylenes, Total		19		0.56	5.7
cis-1,2-Dichloroethene		5.7	U	0.42	5.7
trans-1,2-Dichloroethene		5.7	U	0.45	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		59 - 132
4-Bromofluorobenzene	65		34 - 124
Dibromofluoromethane	78		59 - 123
Toluene-d8 (Surr)	68		50 - 118

*JS 11/3/09*  
*ETM*  
*10/27/09*



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

**Client Sample ID: WWSB-22 (35-45)**

Lab Sample ID: 220-9729-7

Date Sampled: 07/27/2009 1045

Client Matrix: Water

Date Received: 07/28/2009 1855

### 8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-29900	Instrument ID: MSL
Preparation:	5030B		Lab File ID: L6542.D
Dilution:	10		Initial Weight/Volume: 5 mL
Date Analyzed:	08/07/2009 1857		Final Weight/Volume: 5 mL
Date Prepared:	08/07/2009 1857		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	55	J <i>J</i> ✓	10	100
Benzene	1300		7.4	50
Bromodichloromethane	50	U	4.8	50
Bromoform	50	U	4.6	50
Bromomethane	50	U	21	50
Methyl Ethyl Ketone	100	U	11	100
Carbon disulfide	50	U	9.0	50
Carbon tetrachloride	50	U	11	50
Chlorobenzene	50	U	7.2	50
Chloroethane	50	U	11	50
Chloroform	50	U	6.7	50
Chloromethane	50	U	11	50
Dibromochloromethane	50	U	5.5	50
1,1-Dichloroethane	50	U	10	50
1,2-Dichloroethane	50	U	7.2	50
1,1-Dichloroethene	50	U	8.3	50
1,2-Dichloropropane	50	U	7.1	50
cis-1,3-Dichloropropene	50	U	2.8	50
trans-1,3-Dichloropropene	50	U	5.7	50
Ethylbenzene	160		8.7	50
2-Hexanone	100	U	11	100
Methylene Chloride	<del>33</del> <i>50U</i>	<del>J B</del> ✓	7.8	50
methyl isobutyl ketone	100	U	3.8	100
Styrene	16	J <i>J</i> ✓	6.4	50
1,1,2,2-Tetrachloroethane	50	U	8.1	50
Tetrachloroethene	50	U	8.1	50
Toluene	360		7.2	50
1,1,1-Trichloroethane	50	U	6.9	50
1,1,2-Trichloroethane	50	U	6.5	50
Trichloroethene	50	U	6.2	50
Vinyl chloride	14	J <i>J</i> ✓	9.9	50
Xylenes, Total	290		23	50
cis-1,2-Dichloroethene	97		9.9	50
trans-1,2-Dichloroethene	50	U	7.6	50

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		65 - 136
4-Bromofluorobenzene	97		51 - 142
Dibromofluoromethane	109		68 - 132
Toluene-d8 (Surr)	100		63 - 127

*J 11/3/09*  
*EMM*  
*10/27/09*

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

Client Sample ID: **WWSB-19 (14-15)**

Lab Sample ID: 220-9729-8

Date Sampled: 07/28/2009 1305

Client Matrix: Solid

% Moisture: 15.3

Date Received: 07/28/2009 1855

### 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 220-29745

Instrument ID: MSN

Preparation: 5030B

Lab File ID: N4163.D

Dilution: 5.0

Initial Weight/Volume: 5 g

Date Analyzed: 08/03/2009 2009

Final Weight/Volume: 5 mL

Date Prepared: 08/03/2009 2009

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		120	U	13	120
Benzene	300.	<del>12</del>	J JV ✓	3.4	30
Bromodichloromethane		30	U	1.8	30
Bromoform		30	U	3.6	30
Bromomethane		30	U ✓	12	30
Methyl Ethyl Ketone		59	U ✓	9.4	59
Carbon disulfide		30	U	2.4	30
Carbon tetrachloride		30	U	5.6	30
Chlorobenzene		30	U	3.5	30
Chloroethane		30	U	5.8	30
Chloroform		30	U	2.0	30
Chloromethane		30	U	4.6	30
Dibromochloromethane		30	U	2.1	30
1,1-Dichloroethane		30	U	1.8	30
1,2-Dichloroethane		30	U	3.4	30
1,1-Dichloroethene		30	U	3.4	30
1,2-Dichloropropane		30	U	4.0	30
cis-1,3-Dichloropropene		30	U	3.3	30
trans-1,3-Dichloropropene		30	U	1.6	30
Ethylbenzene		9.5	J JV ✓	4.1	30
2-Hexanone		59	U	7.1	59
Methylene Chloride	1200	<del>23</del>	J B ✓	6.4	120
methyl isobutyl ketone		30	U	3.2	30
Styrene		30	U	0.89	30
1,1,2,2-Tetrachloroethane		30	U	3.1	30
Tetrachloroethene		30	U	4.8	30
Toluene	330.	<del>33</del> ✓		0.44	30
1,1,1-Trichloroethane		30	U	3.1	30
1,1,2-Trichloroethane		30	U	2.2	30
Trichloroethene		30	U	4.8	30
Vinyl chloride		30	U	1.4	30
Xylenes, Total		58		2.9	30
cis-1,2-Dichloroethene		30	U	2.2	30
trans-1,2-Dichloroethene		30	U	2.3	30
Surrogate		%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		109		59 - 132	
4-Bromofluorobenzene		116		34 - 124	
Dibromofluoromethane		91		59 - 123	
Toluene-d8 (Surr)		90		50 - 118	

J 11/3/09  
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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

**Client Sample ID: WWSB-19 (5-15)**

Lab Sample ID: 220-9753-1

Date Sampled: 07/28/2009 1530

Client Matrix: Water

Date Received: 07/30/2009 1900

### 8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-29957	Instrument ID: MSL
Preparation:	5030B		Lab File ID: L6636.D
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	08/11/2009 1432		Final Weight/Volume: 5 mL
Date Prepared:	08/11/2009 1432		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U ✓	1.0	10
Benzene	79		0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	7.9		0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U ✓	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	35		0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	170		0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	190		2.3	5.0
cis-1,2-Dichloroethene	1.1	J ✓	0.99	5.0
trans-1,2-Dichloroethene	5.0	U ✓	0.76	5.0
<b>Surrogate</b>	<b>%Rec</b>	<b>Qualifier</b>	<b>Acceptance Limits</b>	
1,2-Dichloroethane-d4 (Surr)	95		65 - 136	
4-Bromofluorobenzene	91		51 - 142	
Dibromofluoromethane	102		68 - 132	
Toluene-d8 (Surr)	99		63 - 127	

8/11/09  
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 10/27/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

**Client Sample ID: WWSB-19 (25-35)**

Lab Sample ID: 220-9753-2

Date Sampled: 07/29/2009 1130

Client Matrix: Water

Date Received: 07/30/2009 1900

### 8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-29957	Instrument ID: MSL
Preparation:	5030B		Lab File ID: L6637.D
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	08/11/2009 1522		Final Weight/Volume: 5 mL
Date Prepared:	08/11/2009 1522		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U ✓	1.0	10
Benzene	44		0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	7.6		0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	1.4	J* J ✓	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	45		0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	91	J ✓	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	42		0.62	5.0
Vinyl chloride	1.4	J J ✓	0.99	5.0
Xylenes, Total	95		2.3	5.0
cis-1,2-Dichloroethene	21		0.99	5.0
trans-1,2-Dichloroethene	30	* J ✓	0.76	5.0
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Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	103		65 - 136	
4-Bromofluorobenzene	100		51 - 142	
Dibromofluoromethane	107		68 - 132	
Toluene-d8 (Surr)	105		63 - 127	

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

**Client Sample ID: WWSB-XX (24-34)**

Lab Sample ID: 220-9753-3

Date Sampled: 07/29/2009 1140

Client Matrix: Water

Date Received: 07/30/2009 1900

### 8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-29957	Instrument ID: MSL
Preparation:	5030B		Lab File ID: L6638.D
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	08/11/2009 1546		Final Weight/Volume: 5 mL
Date Prepared:	08/11/2009 1546		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U ✓	1.0	10
Benzene	36		0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	7.1		0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	1.5	J* J ✓	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	40		0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	59	J ✓	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	38		0.62	5.0
Vinyl chloride	1.3	J J ✓	0.99	5.0
Xylenes, Total	75		2.3	5.0
cis-1,2-Dichloroethene	19		0.99	5.0
trans-1,2-Dichloroethene	29	* J ✓	0.76	5.0
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Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	97		65 - 136	
4-Bromofluorobenzene	93		51 - 142	
Dibromofluoromethane	104		68 - 132	
Toluene-d8 (Surr)	95		63 - 127	

8/11/09  
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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

**Client Sample ID: WWSB-19 (40-50)**

Lab Sample ID: 220-9753-4

Date Sampled: 07/29/2009 1505

Client Matrix: Water

Date Received: 07/30/2009 1900

### 8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-29957	Instrument ID: MSL
Preparation:	5030B		Lab File ID: L6639.D
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	08/11/2009 1610		Final Weight/Volume: 5 mL
Date Prepared:	08/11/2009 1610		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U ✓	1.0	10
Benzene	<del>11</del> ✓		0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	3.1	J ✓	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U ✓	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	11		0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	64		0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	55		2.3	5.0
cis-1,2-Dichloroethene	4.9	J ✓	0.99	5.0
trans-1,2-Dichloroethene	5.0	U ✓	0.76	5.0
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Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	103		65 - 136	
4-Bromofluorobenzene	97		51 - 142	
Dibromofluoromethane	106		68 - 132	
Toluene-d8 (Surr)	104		63 - 127	

8/11/09  
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 10/27/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

**Client Sample ID: WWSB-19 (25-35)**

Lab Sample ID: 220-9753-5

Date Sampled: 07/29/2009 0820

Client Matrix: Solid

% Moisture: 23.0

Date Received: 07/30/2009 1900

### 8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-29865	Instrument ID: MSO
Preparation:	5030B		Lab File ID: O2238.D
Dilution:	5.0		Initial Weight/Volume: 5 g
Date Analyzed:	08/05/2009 1356		Final Weight/Volume: 5 mL
Date Prepared:	08/05/2009 1356		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		42	J* J ✓	15	130
Benzene	630 ✓	<del>63</del> ✓		3.7	32
Bromodichloromethane		32	U	1.9	32
Bromoform		32	U	4.0	32
Bromomethane		32	U	14	32
Methyl Ethyl Ketone		65	U	10	65
Carbon disulfide		32	U	2.7	32
Carbon tetrachloride		32	U	6.2	32
Chlorobenzene		32	U	3.8	32
Chloroethane		32	U UJ ✓	6.4	32
Chloroform		32	U	2.2	32
Chloromethane		32	U	5.1	32
Dibromochloromethane		32	U	2.3	32
1,1-Dichloroethane		32	U	1.9	32
1,2-Dichloroethane		32	U	3.8	32
1,1-Dichloroethene		32	U ✓	3.8	32
1,2-Dichloropropane		32	U	4.4	32
cis-1,3-Dichloropropene		32	U	3.6	32
trans-1,3-Dichloropropene		32	U	1.8	32
Ethylbenzene		58		4.5	32
2-Hexanone		65	U	7.8	65
Methylene Chloride	130U	<del>33</del> ✓	J B ✓	7.1	130
methyl isobutyl ketone		32	U	3.6	32
Styrene		32	U	0.97	32
1,1,2,2-Tetrachloroethane		32	U	3.4	32
Tetrachloroethene		32	U	5.3	32
Toluene	45U	<del>45</del> ✓	B ✓	0.48	32
1,1,1-Trichloroethane		32	U	3.4	32
1,1,2-Trichloroethane		32	U	2.4	32
Trichloroethene		5.3	J J ✓	5.3	32
Vinyl chloride		32	U	1.5	32
Xylenes, Total		49		3.2	32
cis-1,2-Dichloroethene		4.5	J J ✓	2.4	32
trans-1,2-Dichloroethene		10	J J ✓	2.5	32
<b>Surrogate</b>					
		%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		92		59 - 132	
4-Bromofluorobenzene		113		34 - 124	
Dibromofluoromethane		87		59 - 123	
Toluene-d8 (Surr)		91		50 - 118	

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 EMM  
 10/27/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1  
Sdg Number: 220-9729

**Client Sample ID: WWSB-19 (47-50)**

Lab Sample ID: 220-9753-6  
Client Matrix: Solid

% Moisture: 17.4

Date Sampled: 07/29/2009 1325  
Date Received: 07/30/2009 1900

### 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B	Analysis Batch: 220-29865	Instrument ID: MSO	
Preparation: 5030B		Lab File ID: O2239.D	
Dilution: 1.0		Initial Weight/Volume: 5 g	
Date Analyzed: 08/05/2009 1421		Final Weight/Volume: 5 mL	
Date Prepared: 08/05/2009 1421			

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		6.4	J* J ✓	2.7	24
Benzene	6.1U	<del>4.1</del>	J J ✓	0.69	6.1
Bromodichloromethane		6.1	U	0.36	6.1
Bromoform		6.1	U	0.74	6.1
Bromomethane		6.1	U UJ ✓	2.5	6.1
Methyl Ethyl Ketone		12	U UJ ✓	1.9	12
Carbon disulfide		6.1	U	0.50	6.1
Carbon tetrachloride		6.1	U UJ ✓	1.2	6.1
Chlorobenzene		6.1	U	0.71	6.1
Chloroethane		6.1	U UJ ✓	1.2	6.1
Chloroform		0.47	J J ✓	0.41	6.1
Chloromethane		6.1	U	0.94	6.1
Dibromochloromethane		6.1	U	0.42	6.1
1,1-Dichloroethane		6.1	U	0.36	6.1
1,2-Dichloroethane		6.1	U UJ ✓	0.70	6.1
1,1-Dichloroethene		6.1	U UJ ✓	0.70	6.1
1,2-Dichloropropane		6.1	U	0.81	6.1
cis-1,3-Dichloropropene		6.1	U	0.68	6.1
trans-1,3-Dichloropropene		6.1	U	0.33	6.1
Ethylbenzene		7.1		0.85	6.1
2-Hexanone		12	U UJ ✓	1.5	12
Methylene Chloride	24U	<del>7.4</del>	J B ✓	1.3	24
methyl isobutyl ketone		6.1	U UJ ✓	0.67	6.1
Styrene		6.1	U	0.18	6.1
1,1,2,2-Tetrachloroethane		6.1	U UJ ✓	0.63	6.1
Tetrachloroethene		6.1	U	0.98	6.1
Toluene	42U	<del>42</del>	B ✓	0.090	6.1
1,1,1-Trichloroethane		6.1	U	0.64	6.1
1,1,2-Trichloroethane		6.1	U	0.45	6.1
Trichloroethene		6.1	U	0.98	6.1
Vinyl chloride		6.1	U	0.28	6.1
Xylenes, Total		42		0.59	6.1
cis-1,2-Dichloroethene		6.1	U	0.45	6.1
trans-1,2-Dichloroethene		6.1	U	0.47	6.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	77		59 - 132
4-Bromofluorobenzene	82		34 - 124
Dibromofluoromethane	81		59 - 123
Toluene-d8 (Surr)	80		50 - 118

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

Client Sample ID: **WWSB-25 (1-3)**

Lab Sample ID: 220-9753-7

Date Sampled: 07/28/2009 1000

Client Matrix: Solid

% Moisture: 14.5

Date Received: 07/30/2009 1900

### 8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-29865	Instrument ID: MSO
Preparation:	5030B		Lab File ID: O2240.D
Dilution:	1.0		Initial Weight/Volume: 5 g
Date Analyzed:	08/05/2009 1445		Final Weight/Volume: 5 mL
Date Prepared:	08/05/2009 1445		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		4.1	J* J ✓	2.6	23
Benzene	13U	<del>13</del> ✓	U ✓	0.67	5.8
Bromodichloromethane		5.8	U	0.35	5.8
Bromoform		5.8	U	0.71	5.8
Bromomethane		5.8	U	2.4	5.8
Methyl Ethyl Ketone		12	U	1.9	12
Carbon disulfide		5.8	U	0.48	5.8
Carbon tetrachloride		5.8	U	1.1	5.8
Chlorobenzene		5.8	U	0.69	5.8
Chloroethane		5.8	U UJ ✓	1.1	5.8
Chloroform		5.8	U	0.40	5.8
Chloromethane		5.8	U	0.91	5.8
Dibromochloromethane		5.8	U	0.41	5.8
1,1-Dichloroethane		5.8	U	0.35	5.8
1,2-Dichloroethane		5.8	U	0.68	5.8
1,1-Dichloroethene		5.8	U ✓	0.68	5.8
1,2-Dichloropropane		5.8	U	0.78	5.8
cis-1,3-Dichloropropene		5.8	U	0.65	5.8
trans-1,3-Dichloropropene		5.8	U	0.32	5.8
Ethylbenzene		26	U	0.82	5.8
2-Hexanone		12	U	1.4	12
Methylene Chloride	23U	<del>8.6</del>	J B ✓	1.3	23
methyl isobutyl ketone		5.8	U	0.64	5.8
Styrene		5.8	U	0.18	5.8
1,1,2,2-Tetrachloroethane		5.8	U	0.61	5.8
Tetrachloroethene		5.8	U	0.95	5.8
Toluene		150	B ✓	0.087	5.8
1,1,1-Trichloroethane		5.8	U	0.62	5.8
1,1,2-Trichloroethane		5.8	U	0.43	5.8
Trichloroethene		5.8	U	0.95	5.8
Vinyl chloride		5.8	U	0.27	5.8
Xylenes, Total		140	U	0.57	5.8
cis-1,2-Dichloroethene		5.8	U	0.43	5.8
trans-1,2-Dichloroethene		5.8	U	0.46	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	77		59 - 132
4-Bromofluorobenzene	72		34 - 124
Dibromofluoromethane	80		59 - 123
Toluene-d8 (Surr)	81		50 - 118

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

**Client Sample ID: WWSB-25 (34-35)**

Lab Sample ID: 220-9753-8

Date Sampled: 07/28/2009 1210

Client Matrix: Solid

% Moisture: 13.9

Date Received: 07/30/2009 1900

### 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B	Analysis Batch: 220-29956	Instrument ID: MSL
Preparation: 5030B	Prep Batch: 220-29948	Lab File ID: L6588.D
Dilution: 100		Initial Weight/Volume: 5 g
Date Analyzed: 08/10/2009 1826		Final Weight/Volume: 10 mL
Date Prepared: 08/10/2009 1122		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		150000	U	28000	150000
Benzene		450000		7700	58000
Bromodichloromethane		58000	U	8000	58000
Bromoform		58000	U	9300	58000
Bromomethane		58000	U	11000	58000
Methyl Ethyl Ketone		58000	U	13000	58000
Carbon disulfide		58000	U	7700	58000
Carbon tetrachloride		58000	U	8900	58000
Chlorobenzene		58000	U	7200	58000
Chloroethane		58000	U	9300	58000
Chloroform		58000	U	7200	58000
Chloromethane		58000	U	7400	58000
Dibromochloromethane		58000	U	9100	58000
1,1-Dichloroethane		58000	U	8400	58000
1,2-Dichloroethane		58000	U	6900	58000
1,1-Dichloroethene		58000	U	8700	58000
1,2-Dichloropropane		58000	U	6000	58000
cis-1,3-Dichloropropene		58000	U	7100	58000
trans-1,3-Dichloropropene		58000	U	7200	58000
Ethylbenzene		1400000		6000	58000
2-Hexanone		58000	U	15000	58000
Methylene Chloride	58000 U	<del>29000</del>	<del>JB</del> ✓	9400	58000
methyl isobutyl ketone		58000	U	9500	58000
Styrene		77000		9300	58000
1,1,2,2-Tetrachloroethane		58000	U	7700	58000
Tetrachloroethene		58000	U	9500	58000
Toluene		630000		8400	58000
1,1,1-Trichloroethane		58000	U	7200	58000
1,1,2-Trichloroethane		58000	U	7900	58000
Trichloroethene		22000	JJ ✓	7500	58000
Vinyl chloride		58000	U	7800	58000
Xylenes, Total		1700000		24000	58000
cis-1,2-Dichloroethene		58000	U	7000	58000
trans-1,2-Dichloroethene		58000	U	6200	58000
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Surrogate	%Rec	Qualifier	Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	114		52 - 119		
4-Bromofluorobenzene	112		63 - 128		
Dibromofluoromethane	117		53 - 121		
Toluene-d8 (Surr)	116		55 - 121		

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

Client Sample ID: **WWSB-25 (52-53)**

Lab Sample ID: 220-9753-9

Date Sampled: 07/29/2009 1035

Client Matrix: Solid

% Moisture: 20.6

Date Received: 07/30/2009 1900

### 8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-29865	Instrument ID: MSO
Preparation:	5030B		Lab File ID: O2241.D
Dilution:	1.0		Initial Weight/Volume: 5 g
Date Analyzed:	08/05/2009 1510		Final Weight/Volume: 5 mL
Date Prepared:	08/05/2009 1510		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		16	J* J ✓	2.8	25
Benzene		30		0.72	6.3
Bromodichloromethane		6.3	U	0.38	6.3
Bromoform		6.3	U	0.77	6.3
Bromomethane		6.3	U	2.6	6.3
Methyl Ethyl Ketone		13	U	2.0	13
Carbon disulfide		6.3	U	0.52	6.3
Carbon tetrachloride		6.3	U	1.2	6.3
Chlorobenzene		6.3	U	0.74	6.3
Chloroethane		6.3	U UJ ✓	1.2	6.3
Chloroform		6.3	U	0.43	6.3
Chloromethane		6.3	U	0.98	6.3
Dibromochloromethane		6.3	U	0.44	6.3
1,1-Dichloroethane		6.3	U	0.38	6.3
1,2-Dichloroethane		6.3	U	0.73	6.3
1,1-Dichloroethene		6.3	U ✓	0.73	6.3
1,2-Dichloropropane		6.3	U	0.84	6.3
cis-1,3-Dichloropropene		6.3	U	0.71	6.3
trans-1,3-Dichloropropene		6.3	U	0.34	6.3
Ethylbenzene		52		0.88	6.3
2-Hexanone		13	U	1.5	13
Methylene Chloride	25U	<del>8.1</del>	J-B ✓	1.4	25
methyl isobutyl ketone		6.3	U	0.69	6.3
Styrene		0.45	J J ✓	0.19	6.3
1,1,2,2-Tetrachloroethane		6.3	U	0.66	6.3
Tetrachloroethene		6.3	U	1.0	6.3
Toluene		120	B ✓	0.093	6.3
1,1,1-Trichloroethane		6.3	U	0.67	6.3
1,1,2-Trichloroethane		6.3	U	0.47	6.3
Trichloroethene		6.3	U	1.0	6.3
Vinyl chloride		6.3	U	0.29	6.3
Xylenes, Total		110		0.61	6.3
cis-1,2-Dichloroethene		6.3	U	0.47	6.3
trans-1,2-Dichloroethene		6.3	U	0.49	6.3
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Surrogate		%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		81		59 - 132	
4-Bromofluorobenzene		70		34 - 124	
Dibromofluoromethane		85		59 - 123	
Toluene-d8 (Surr)		85		50 - 118	

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

**Client Sample ID: WWSB-26 (1-4)**

Lab Sample ID: 220-9753-10

Date Sampled: 07/29/2009 1400

Client Matrix: Solid

% Moisture: 15.2

Date Received: 07/30/2009 1900

### 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B	Analysis Batch: 220-29865	Instrument ID: MSO
Preparation: 5030B		Lab File ID: O2246.D
Dilution: 5.0		Initial Weight/Volume: 5 g
Date Analyzed: 08/05/2009 1732		Final Weight/Volume: 5 mL
Date Prepared: 08/05/2009 1732		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		160	* J ✓	13	120
Benzene	290	<del>15</del>	J ✓	3.4	29
Bromodichloromethane		29	U	1.8	29
Bromoform		29	U	3.6	29
Bromomethane		29	U	12	29
Methyl Ethyl Ketone		59	U	9.4	59
Carbon disulfide		29	U	2.4	29
Carbon tetrachloride		29	U	5.6	29
Chlorobenzene		29	U	3.5	29
Chloroethane		29	U UJ ✓	5.8	29
Chloroform		29	U	2.0	29
Chloromethane		29	U	4.6	29
Dibromochloromethane		29	U	2.1	29
1,1-Dichloroethane		29	U	1.8	29
1,2-Dichloroethane		29	U	3.4	29
1,1-Dichloroethene		29	U ✓	3.4	29
1,2-Dichloropropane		29	U	4.0	29
cis-1,3-Dichloropropene		29	U	3.3	29
trans-1,3-Dichloropropene		29	U	1.6	29
Ethylbenzene		66	U J ✓	4.1	29
2-Hexanone		59	U	7.1	59
Methylene Chloride	120U	<del>28</del>	J B ✓	6.4	120
methyl isobutyl ketone		29	U	3.2	29
Styrene		29	U	0.88	29
1,1,2,2-Tetrachloroethane		29	U	3.1	29
Tetrachloroethene		29	U	4.8	29
Toluene		310	B J ✓	0.44	29
1,1,1-Trichloroethane		29	U	3.1	29
1,1,2-Trichloroethane		29	U	2.2	29
Trichloroethene		29	U	4.8	29
Vinyl chloride		29	U	1.4	29
Xylenes, Total		260	J ✓	2.9	29
cis-1,2-Dichloroethene		29	U	2.2	29
trans-1,2-Dichloroethene		29	U	2.3	29
Surrogate		%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		74		59 - 132	
4-Bromofluorobenzene		434	*	34 - 124	
Dibromofluoromethane		74		59 - 123	
Toluene-d8 (Surr)		184	*	50 - 118	


  
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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

**Client Sample ID: WWSB-XX (1-3)**

Lab Sample ID: 220-9753-11

Date Sampled: 07/29/2009 1410

Client Matrix: Solid


% Moisture: 25.7

Date Received: 07/30/2009 1900

### 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B	Analysis Batch: 220-29865	Instrument ID: MSO
Preparation: 5030B		Lab File ID: O2243.D
Dilution: 1.0		Initial Weight/Volume: 5 g
Date Analyzed: 08/05/2009 1600		Final Weight/Volume: 5 mL
Date Prepared: 08/05/2009 1600		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		25	J* J ✓	3.0	27
Benzene	6.70	<del>3.6</del>	J J ✓	0.77	6.7
Bromodichloromethane		6.7	U	0.40	6.7
Bromoform		6.7	U	0.82	6.7
Bromomethane		6.7	U	2.8	6.7
Methyl Ethyl Ketone		13	U	2.1	13
Carbon disulfide		6.7	U	0.55	6.7
Carbon tetrachloride		6.7	U	1.3	6.7
Chlorobenzene		6.7	U	0.79	6.7
Chloroethane		6.7	U WJ ✓	1.3	6.7
Chloroform		6.7	U	0.46	6.7
Chloromethane		6.7	U	1.0	6.7
Dibromochloromethane		6.7	U	0.47	6.7
1,1-Dichloroethane		6.7	U	0.40	6.7
1,2-Dichloroethane		6.7	U	0.78	6.7
1,1-Dichloroethene		6.7	U ✓	0.78	6.7
1,2-Dichloropropane		6.7	U	0.90	6.7
cis-1,3-Dichloropropene		6.7	U	0.75	6.7
trans-1,3-Dichloropropene		6.7	U	0.36	6.7
Ethylbenzene		16	J ✓	0.94	6.7
2-Hexanone		13	U	1.6	13
Methylene Chloride	2.70	<del>8.3</del>	J B ✓	1.5	27
methyl isobutyl ketone		6.7	U	0.74	6.7
Styrene		6.7	U	0.20	6.7
1,1,2,2-Tetrachloroethane		6.7	U	0.70	6.7
Tetrachloroethene		6.7	U	1.1	6.7
Toluene	6.00	<del>6.0</del>	B WJ ✓	0.10	6.7
1,1,1-Trichloroethane		6.7	U	0.71	6.7
1,1,2-Trichloroethane		6.7	U	0.50	6.7
Trichloroethene		6.7	U	1.1	6.7
Vinyl chloride		6.7	U	0.31	6.7
Xylenes, Total		94	J ✓	0.65	6.7
cis-1,2-Dichloroethene		6.7	U	0.50	6.7
trans-1,2-Dichloroethene		6.7	U	0.52	6.7
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Surrogate		%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		72		59 - 132	
4-Bromofluorobenzene		119		34 - 124	
Dibromofluoromethane		71		59 - 123	
Toluene-d8 (Surr)		87		50 - 118	

  
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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

Client Sample ID: **WWSB-26 (12-13)**

Lab Sample ID: 220-9753-12

Date Sampled: 07/29/2009 1430

Client Matrix: Solid

% Moisture: 22.9

Date Received: 07/30/2009 1900

## 8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch:	220-29865	Instrument ID:	MSO
Preparation:	5030B			Lab File ID:	O2247.D
Dilution:	5.0			Initial Weight/Volume:	5 g
Date Analyzed:	08/05/2009 1757			Final Weight/Volume:	5 mL
Date Prepared:	08/05/2009 1757				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		400	* J ✓	15	130
Benzene	320.	<del>8.2</del>	J ✓	3.7	32
Bromodichloromethane		32	U	1.9	32
Bromoform		32	U	4.0	32
Bromomethane		32	U	13	32
Methyl Ethyl Ketone		65	U	10	65
Carbon disulfide		8.1	J ✓	2.7	32
Carbon tetrachloride		32	U	6.2	32
Chlorobenzene		32	U	3.8	32
Chloroethane		32	U J ✓	6.4	32
Chloroform		32	U	2.2	32
Chloromethane		32	U	5.1	32
Dibromochloromethane		32	U	2.3	32
1,1-Dichloroethane		32	U	1.9	32
1,2-Dichloroethane		32	U	3.8	32
1,1-Dichloroethene		32	U ✓	3.8	32
1,2-Dichloropropane		32	U	4.3	32
cis-1,3-Dichloropropene		32	U	3.6	32
trans-1,3-Dichloropropene		32	U	1.8	32
Ethylbenzene		25	J ✓	4.5	32
2-Hexanone		65	U	7.8	65
Methylene Chloride	130 U	<del>29</del>	J B ✓	7.1	130
methyl isobutyl ketone		32	U	3.6	32
Styrene		32	U	0.97	32
1,1,2,2-Tetrachloroethane		32	U	3.4	32
Tetrachloroethene		32	U	5.3	32
Toluene	120 U.	<del>120</del>	B ✓	0.48	32
1,1,1-Trichloroethane		32	U	3.4	32
1,1,2-Trichloroethane		32	U	2.4	32
Trichloroethene		32	U	5.3	32
Vinyl chloride		32	U	1.5	32
Xylenes, Total		100	J ✓	3.2	32
cis-1,2-Dichloroethene		32	U	2.4	32
trans-1,2-Dichloroethene		32	U	2.5	32

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	70		59 - 132
4-Bromofluorobenzene	340	*	34 - 124
Dibromofluoromethane	73		59 - 123
Toluene-d8 (Surr)	136	*	50 - 118

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

Client Sample ID: **WWTB-073009**

Lab Sample ID: 220-9753-13TB

Date Sampled: 07/30/2009 1030

Client Matrix: Water

Date Received: 07/30/2009 1900

### 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B	Analysis Batch: 220-29957	Instrument ID: MSL	
Preparation: 5030B		Lab File ID: L6643.D	
Dilution: 1.0		Initial Weight/Volume: 5 mL	
Date Analyzed: 08/11/2009 1757		Final Weight/Volume: 5 mL	
Date Prepared: 08/11/2009 1757			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U ✓	1.0	10
Benzene	1.4	J J ✓	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U*	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	1.7	J B J ✓	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	3.3	J J ✓	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U ✓	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		65 - 136
4-Bromofluorobenzene	95		51 - 142
Dibromofluoromethane	111		68 - 132
Toluene-d8 (Surr)	102		63 - 127

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

**Client Sample ID: WWFB-073009 A**

Lab Sample ID: 220-9753-14

Date Sampled: 07/30/2009 1330

Client Matrix: Water

Date Received: 07/30/2009 1900

### 8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 220-29957	Instrument ID: MSL
Preparation:	5030B		Lab File ID: L6641.D
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	08/11/2009 1710		Final Weight/Volume: 5 mL
Date Prepared:	08/11/2009 1710		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U ✓	1.0	10
Benzene	2.7	J ✓	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U*	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	2.2	J B ✓	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.2		0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U ✓	0.76	5.0
<hr/>				
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	100		65 - 136	
4-Bromofluorobenzene	98		51 - 142	
Dibromofluoromethane	111		68 - 132	
Toluene-d8 (Surr)	104		63 - 127	

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

**Client Sample ID: WWFB-073009 B**

Lab Sample ID: 220-9753-15

Date Sampled: 07/30/2009 1345

Client Matrix: Water

Date Received: 07/30/2009 1900

### 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B	Analysis Batch: 220-29957	Instrument ID: MSL	
Preparation: 5030B		Lab File ID: L6642.D	
Dilution: 1.0		Initial Weight/Volume: 5 mL	
Date Analyzed: 08/11/2009 1733		Final Weight/Volume: 5 mL	
Date Prepared: 08/11/2009 1733			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U* ✓	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U*	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	2.0	JB* J ✓	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	2.3	J J ✓	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U* ✓	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		65 - 136
4-Bromofluorobenzene	92		51 - 142
Dibromofluoromethane	104		68 - 132
Toluene-d8 (Surr)	96		63 - 127

  
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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

Client Sample ID: **WWSB-22 (55-65)**

Lab Sample ID: 220-9729-1

Date Sampled: 07/27/2009 1615

Client Matrix: Water

Date Received: 07/28/2009 1855

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29708	Instrument ID: MSC
Preparation:	3510C	Prep Batch: 220-29488	Lab File ID: C12587.D
Dilution:	50		Initial Weight/Volume: 1000 mL
Date Analyzed:	08/03/2009 1446		Final Weight/Volume: 1 mL
Date Prepared:	07/29/2009 0902		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	82	J J ✓	16	200
Acenaphthylene	200	U	17	200
Anthracene	200	U	14	200
Benzo[a]anthracene	200	U	15	200
Benzo[a]pyrene	200	U	18	200
Benzo[b]fluoranthene	200	U	18	200
Benzo[g,h,i]perylene	200	U	18	200
Benzo[k]fluoranthene	200	U	20	200
Bis(2-chloroethoxy)methane	200	U	16	200
Bis(2-chloroethyl)ether	200	U	14	200
Bis(2-ethylhexyl) phthalate	200	U	27	200
Butyl benzyl phthalate	200	U	18	200
Carbazole	200	U	16	200
Chrysene	200	U	12	200
Di-n-butyl phthalate	200	U	18	200
Di-n-octyl phthalate	200	U	19	200
4-Bromophenyl phenyl ether	200	U	22	200
4-Chloroaniline	200	U	14	200
2-Chloronaphthalene	200	U	20	200
4-Chlorophenyl phenyl ether	200	U	18	200
Dibenz(a,h)anthracene	200	U	19	200
Dibenzofuran	200	U	22	200
Diethyl phthalate	200	U	22	200
Dimethyl phthalate	200	U	19	200
1,2-Dichlorobenzene	200	U	16	200
1,3-Dichlorobenzene	200	U	12	200
1,4-Dichlorobenzene	200	U	16	200
3,3'-Dichlorobenzidine	200	U	18	200
2,4-Dinitrotoluene	200	U	20	200
2,6-Dinitrotoluene	200	U	13	200
Fluoranthene	200	U	16	200
Fluorene	200	U	13	200
Hexachlorobenzene	200	U	16	200
Hexachlorobutadiene	200	U	10	200
Hexachlorocyclopentadiene	200	U	18	200
Hexachloroethane	200	U	18	200
Indeno[1,2,3-cd]pyrene	200	U	14	200
Isophorone	200	U	16	200
2-Methylnaphthalene	220	B ✓	14	200
Naphthalene	2600		15	200
2-Nitroaniline	200	U	17	200
3-Nitroaniline	200	U	12	200
Nitrobenzene	200	U	14	200
N-Nitrosodi-n-propylamine	200	U	16	200
N-Nitrosodiphenylamine	200	U	16	200
Phenanthrene	200	U	14	200

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

**Client Sample ID: WWSB-22 (55-65)**

Lab Sample ID: 220-9729-1

Date Sampled: 07/27/2009 1615

Client Matrix: Water

Date Received: 07/28/2009 1855

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29708	Instrument ID: MSC
Preparation: 3510C	Prep Batch: 220-29488	Lab File ID: C12587.D
Dilution: 50		Initial Weight/Volume: 1000 mL
Date Analyzed: 08/03/2009 1446		Final Weight/Volume: 1 mL
Date Prepared: 07/29/2009 0902		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	200	U	16	200
1,2,4-Trichlorobenzene	200	U	18	200
4-Chloro-3-methylphenol	250	U	17	250
2-Chlorophenol	200	U	12	200
2-Methylphenol	200	U	12	200
4-Methylphenol	200	U	14	200
2,4-Dichlorophenol	200	U	16	200
2,4-Dimethylphenol	200	U	16	200
2,4-Dinitrophenol	1200	U	22	1200
4,6-Dinitro-2-methylphenol	1200	U	93	1200
2-Nitrophenol	200	U	14	200
4-Nitrophenol	500	U	72	500
Pentachlorophenol	1200	U	16	1200
Phenol	200	U	9.5	200
2,4,5-Trichlorophenol	500	U	14	500
2,4,6-Trichlorophenol	200	U	18	200
Benzyl alcohol	200	U	20	200
4-Nitroaniline	200	U	10	200
2,2'-oxybis[1-chloropropane]	200	U	12	200

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	63		39 - 120
2-Fluorophenol	46		13 - 120
2,4,6-Tribromophenol	75		36 - 120
Nitrobenzene-d5	52		40 - 120
Phenol-d5	27		10 - 120
Terphenyl-d14	46		10 - 120

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

**Client Sample ID: WWSB-22 (65-65.5)**

Lab Sample ID: 220-9729-2

Date Sampled: 07/27/2009 1320

Client Matrix: Solid

% Moisture: 23.0

Date Received: 07/28/2009 1855

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29641	Instrument ID: MSZ
Preparation:	3541	Prep Batch: 220-29525	Lab File ID: Z11999.D
Dilution:	1.0		Initial Weight/Volume: 15.00 g
Date Analyzed:	07/31/2009 1329		Final Weight/Volume: 1 mL
Date Prepared:	07/30/2009 0827		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		350	U	21	350
Acenaphthylene		350	U	17	350
Anthracene		350	U	14	350
Benzo[a]anthracene		350	U	12	350
Benzo[a]pyrene		350	U	9.5	350
Benzo[b]fluoranthene		350	U	9.4	350
Benzo[g,h,i]perylene		350	U	23	350
Benzo[k]fluoranthene		350	U	31	350
Bis(2-chloroethoxy)methane		350	U	16	350
Bis(2-chloroethyl)ether		350	U	18	350
Bis(2-ethylhexyl) phthalate	350U	<del>210</del>	<del>JB</del> ✓	34	350
Butyl benzyl phthalate		350	U	20	350
Carbazole		350	U	19	350
Chrysene		350	U	26	350
Di-n-butyl phthalate		350	U	51	350
Di-n-octyl phthalate		350	U	20	350
4-Bromophenyl phenyl ether		350	U	23	350
4-Chloroaniline		350	U	57	350
2-Chloronaphthalene		350	U	15	350
4-Chlorophenyl phenyl ether		350	U	26	350
Dibenz(a,h)anthracene		350	U	28	350
Dibenzofuran		350	U	25	350
Diethyl phthalate		350	U	35	350
Dimethyl phthalate		350	U	20	350
1,2-Dichlorobenzene		350	U	21	350
1,3-Dichlorobenzene		350	U	18	350
1,4-Dichlorobenzene		350	U	21	350
3,3'-Dichlorobenzidine		870	U	72	870
2,4-Dinitrotoluene		350	U	28	350
2,6-Dinitrotoluene		350	U	10	350
Fluoranthene		350	U	17	350
Fluorene		350	U	21	350
Hexachlorobenzene		350	U	24	350
Hexachlorobutadiene		350	U	27	350
Hexachlorocyclopentadiene		870	U	170	870
Hexachloroethane		350	U	20	350
Indeno[1,2,3-cd]pyrene		350	U	23	350
Isophorone		350	U	19	350
2-Methylnaphthalene		350	U	10	350
Naphthalene	350U	<del>50</del>	<del>JJ</del> ✓	18	350
2-Nitroaniline		2200	U	21	2200
3-Nitroaniline		2200	U	11	2200
Nitrobenzene		350	U	22	350
N-Nitrosodi-n-propylamine		350	U	24	350
N-Nitrosodiphenylamine		350	U	20	350
Phenanthrene		350	U	17	350

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

**Client Sample ID: WWSB-22 (65-65.5)**

Lab Sample ID: 220-9729-2

Date Sampled: 07/27/2009 1320

Client Matrix: Solid

% Moisture: 23.0

Date Received: 07/28/2009 1855

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29641	Instrument ID: MSZ
Preparation: 3541	Prep Batch: 220-29525	Lab File ID: Z11999.D
Dilution: 1.0		Initial Weight/Volume: 15.00 g
Date Analyzed: 07/31/2009 1329		Final Weight/Volume: 1 mL
Date Prepared: 07/30/2009 0827		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		350	U	17	350
1,2,4-Trichlorobenzene		350	U	23	350
4-Chloro-3-methylphenol		350	U	14	350
2-Chlorophenol		350	U	20	350
2-Methylphenol		350	U	21	350
4-Methylphenol		350	U	23	350
2,4-Dichlorophenol		350	U	19	350
2,4-Dimethylphenol		350	U	17	350
2,4-Dinitrophenol		2200	U	110	2200
4,6-Dinitro-2-methylphenol		2200	U	150	2200
2-Nitrophenol		350	U	22	350
4-Nitrophenol		2200	U	27	2200
Pentachlorophenol		2200	U	210	2200
Phenol		350	U	23	350
2,4,5-Trichlorophenol		2200	U	18	2200
2,4,6-Trichlorophenol		350	U	9.6	350
Benzyl alcohol		350	U	33	350
4-Nitroaniline		350	U	27	350
2,2'-oxybis[1-chloropropane]		350	U	18	350

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	47		41 - 120
2-Fluorophenol	47		34 - 120
2,4,6-Tribromophenol	52		37 - 120
Nitrobenzene-d5	29	*	38 - 120
Phenol-d5	47		36 - 120
Terphenyl-d14	47		32 - 125

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 10/27/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

Client Sample ID: **WWSB-19 (2-3)**

Lab Sample ID: 220-9729-3

Date Sampled: 07/27/2009 1050

Client Matrix: Solid

% Moisture: 17.0

Date Received: 07/28/2009 1855

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29641	Instrument ID: MSZ
Preparation:	3541	Prep Batch: 220-29525	Lab File ID: Z12008.D
Dilution:	1.0		Initial Weight/Volume: 15.08 g
Date Analyzed:	07/31/2009 1727		Final Weight/Volume: 1 mL
Date Prepared:	07/30/2009 0827		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		270	J J ✓	19	320
Acenaphthylene		3600		16	320
Anthracene		2400		13	320
Benzo[a]anthracene		2400		12	320
Benzo[a]pyrene		4500		8.8	320
Benzo[b]fluoranthene		3200		8.6	320
Benzo[g,h,i]perylene		1100		21	320
Benzo[k]fluoranthene		1200		29	320
Bis(2-chloroethoxy)methane		320	U	15	320
Bis(2-chloroethyl)ether		320	U	17	320
Bis(2-ethylhexyl) phthalate	320U	<del>140</del>	<del>J B ✓</del>	31	320
Butyl benzyl phthalate		320	U	18	320
Carbazole		310	J J ✓	18	320
Chrysene		3300		24	320
Di-n-butyl phthalate		320	U	47	320
Di-n-octyl phthalate		320	U	18	320
4-Bromophenyl phenyl ether		320	U	21	320
4-Chloroaniline		320	U	53	320
2-Chloronaphthalene		320	U	14	320
4-Chlorophenyl phenyl ether		320	U	24	320
Dibenz(a,h)anthracene		630		25	320
Dibenzofuran		200	J J ✓	23	320
Diethyl phthalate		320	U	33	320
Dimethyl phthalate		320	U	19	320
1,2-Dichlorobenzene		320	U	19	320
1,3-Dichlorobenzene		320	U	16	320
1,4-Dichlorobenzene		320	U	19	320
3,3'-Dichlorobenzidine		800	U	67	800
2,4-Dinitrotoluene		320	U	26	320
2,6-Dinitrotoluene		320	U	9.5	320
Fluoranthene		2800		16	320
Fluorene		800		19	320
Hexachlorobenzene		320	U	22	320
Hexachlorobutadiene		320	U	25	320
Hexachlorocyclopentadiene		800	U	150	800
Hexachloroethane		320	U	18	320
Indeno[1,2,3-cd]pyrene		1300		21	320
Isophorone		320	U	18	320
2-Methylnaphthalene		150	J J ✓	9.2	320
Naphthalene	320U	<del>160</del>	<del>J J ✓</del>	17	320
2-Nitroaniline		2000	U	20	2000
3-Nitroaniline		2000	U	10	2000
Nitrobenzene		320	U	21	320
N-Nitrosodi-n-propylamine		320	U	22	320
N-Nitrosodiphenylamine		320	U	18	320
Phenanthrene		2500		16	320

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 10/27/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

**Client Sample ID: WWSB-19 (2-3)**

Lab Sample ID: 220-9729-3

Date Sampled: 07/27/2009 1050

Client Matrix: Solid

% Moisture: 17.0

Date Received: 07/28/2009 1855

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29641	Instrument ID: MSZ
Preparation:	3541	Prep Batch: 220-29525	Lab File ID: Z12008.D
Dilution:	1.0		Initial Weight/Volume: 15.08 g
Date Analyzed:	07/31/2009 1727		Final Weight/Volume: 1 mL
Date Prepared:	07/30/2009 0827		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		5000		15	320
1,2,4-Trichlorobenzene		320	U	21	320
4-Chloro-3-methylphenol		320	U	13	320
2-Chlorophenol		320	U	19	320
2-Methylphenol		320	U	19	320
4-Methylphenol		320	U	21	320
2,4-Dichlorophenol		320	U	17	320
2,4-Dimethylphenol		320	U	16	320
2,4-Dinitrophenol		2000	U	97	2000
4,6-Dinitro-2-methylphenol		2000	U	140	2000
2-Nitrophenol		320	U	20	320
4-Nitrophenol		2000	U	24	2000
Pentachlorophenol		2000	U	200	2000
Phenol		320	U	21	320
2,4,5-Trichlorophenol		2000	U	16	2000
2,4,6-Trichlorophenol		320	U	8.9	320
Benzyl alcohol		320	U	31	320
4-Nitroaniline		380		25	320
2,2'-oxybis[1-chloropropane]		320	U	17	320

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	55		41 - 120
2-Fluorophenol	54		34 - 120
2,4,6-Tribromophenol	61		37 - 120
Nitrobenzene-d5	56		38 - 120
Phenol-d5	56		36 - 120
Terphenyl-d14	52		32 - 125

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1  
Sdg Number: 220-9729

**Client Sample ID: WWSB-18 (3.5-4.5)**

Lab Sample ID: 220-9729-5  
Client Matrix: Solid

% Moisture: 13.7

Date Sampled: 07/27/2009 1015  
Date Received: 07/28/2009 1855

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29641	Instrument ID: MSZ
Preparation: 3541	Prep Batch: 220-29525	Lab File ID: Z12000.D
Dilution: 1.0		Initial Weight/Volume: 15.24 g
Date Analyzed: 07/31/2009 1355		Final Weight/Volume: 1 mL
Date Prepared: 07/30/2009 0827		Injection Volume: 1.0 µL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		310	U	18	310
Acenaphthylene		310	U	15	310
Anthracene		310	U	12	310
Benzo[a]anthracene		310	U	11	310
Benzo[a]pyrene		310	U	8.3	310
Benzo[b]fluoranthene		310	U	8.2	310
Benzo[g,h,i]perylene		310	U	20	310
Benzo[k]fluoranthene		310	U	28	310
Bis(2-chloroethoxy)methane		310	U	14	310
Bis(2-chloroethyl)ether		310	U	16	310
Bis(2-ethylhexyl) phthalate		<del>220</del> <span style="color: red;">3100</span>	J.B. ✓	30	310
Butyl benzyl phthalate		310	U	17	310
Carbazole		310	U	17	310
Chrysene		310	U	23	310
Di-n-butyl phthalate		310	U	45	310
Di-n-octyl phthalate		310	U	17	310
4-Bromophenyl phenyl ether		310	U	20	310
4-Chloroaniline		310	U	50	310
2-Chloronaphthalene		310	U	13	310
4-Chlorophenyl phenyl ether		310	U	23	310
Dibenz(a,h)anthracene		310	U	24	310
Dibenzofuran		310	U	22	310
Diethyl phthalate		310	U	31	310
Dimethyl phthalate		310	U	18	310
1,2-Dichlorobenzene		310	U	18	310
1,3-Dichlorobenzene		310	U	15	310
1,4-Dichlorobenzene		310	U	18	310
3,3'-Dichlorobenzidine		760	U	63	760
2,4-Dinitrotoluene		310	U	25	310
2,6-Dinitrotoluene		310	U	9.0	310
Fluoranthene		310	U	15	310
Fluorene		310	U	18	310
Hexachlorobenzene		310	U	21	310
Hexachlorobutadiene		310	U	24	310
Hexachlorocyclopentadiene		760	U	140	760
Hexachloroethane		310	U	18	310
Indeno[1,2,3-cd]pyrene		310	U	20	310
Isophorone		310	U	17	310
2-Methylnaphthalene		310	U	8.8	310
Naphthalene		310	U	16	310
2-Nitroaniline		1900	U	19	1900
3-Nitroaniline		1900	U	9.8	1900
Nitrobenzene		310	U	20	310
N-Nitrosodi-n-propylamine		310	U	21	310
N-Nitrosodiphenylamine		310	U	17	310
Phenanthrene		310	U	15	310

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

**Client Sample ID: WWSB-18 (3.5-4.5)**

Lab Sample ID: 220-9729-5

Date Sampled: 07/27/2009 1015

Client Matrix: Solid

% Moisture: 13.7

Date Received: 07/28/2009 1855

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29641	Instrument ID: MSZ
Preparation:	3541	Prep Batch: 220-29525	Lab File ID: Z12000.D
Dilution:	1.0		Initial Weight/Volume: 15.24 g
Date Analyzed:	07/31/2009 1355		Final Weight/Volume: 1 mL
Date Prepared:	07/30/2009 0827		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		310	U	14	310
1,2,4-Trichlorobenzene		310	U	20	310
4-Chloro-3-methylphenol		310	U	13	310
2-Chlorophenol		310	U	18	310
2-Methylphenol		310	U	18	310
4-Methylphenol		310	U	20	310
2,4-Dichlorophenol		310	U	16	310
2,4-Dimethylphenol		310	U	15	310
2,4-Dinitrophenol		1900	U	92	1900
4,6-Dinitro-2-methylphenol		1900	U	130	1900
2-Nitrophenol		310	U	19	310
4-Nitrophenol		1900	U	23	1900
Pentachlorophenol		1900	U	190	1900
Phenol		310	U	20	310
2,4,5-Trichlorophenol		1900	U	16	1900
2,4,6-Trichlorophenol		310	U	8.4	310
Benzyl alcohol		310	U	29	310
4-Nitroaniline		310	U	24	310
2,2'-oxybis[1-chloropropane]		310	U	16	310

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	56		41 - 120
2-Fluorophenol	55		34 - 120
2,4,6-Tribromophenol	60		37 - 120
Nitrobenzene-d5	55		38 - 120
Phenol-d5	54		36 - 120
Terphenyl-d14	56		32 - 125

  
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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

Client Sample ID: **WWW-16 (2-3.5)**

Lab Sample ID: 220-9729-6

Date Sampled: 07/27/2009 1140

Client Matrix: Solid

% Moisture: 12.7

Date Received: 07/28/2009 1855

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29641	Instrument ID: MSZ
Preparation:	3541	Prep Batch: 220-29525	Lab File ID: Z12007.D
Dilution:	1.0		Initial Weight/Volume: 15.07 g
Date Analyzed:	07/31/2009 1701		Final Weight/Volume: 1 mL
Date Prepared:	07/30/2009 0827		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		54	J J ✓	18	310
Acenaphthylene		68	J J ✓	15	310
Anthracene		170	J J ✓	12	310
Benzo[a]anthracene		740		11	310
Benzo[a]pyrene		960		8.3	310
Benzo[b]fluoranthene		920		8.2	310
Benzo[g,h,i]perylene		760		20	310
Benzo[k]fluoranthene		380		28	310
Bis(2-chloroethoxy)methane		310	U	14	310
Bis(2-chloroethyl)ether		310	U	16	310
Bis(2-ethylhexyl) phthalate	5900	<del>590</del>	B ✓	30	310
Butyl benzyl phthalate		310	U	17	310
Carbazole		82	J J ✓	17	310
Chrysene		750		23	310
Di-n-butyl phthalate		310	U	45	310
Di-n-octyl phthalate		310	U	17	310
4-Bromophenyl phenyl ether		310	U	20	310
4-Chloroaniline		310	U	50	310
2-Chloronaphthalene		310	U	13	310
4-Chlorophenyl phenyl ether		310	U	23	310
Dibenz(a,h)anthracene		440		24	310
Dibenzofuran		40	J J ✓	22	310
Diethyl phthalate		310	U	31	310
Dimethyl phthalate		310	U	18	310
1,2-Dichlorobenzene		310	U	18	310
1,3-Dichlorobenzene		310	U	15	310
1,4-Dichlorobenzene		310	U	18	310
3,3'-Dichlorobenzidine		760	U	63	760
2,4-Dinitrotoluene		310	U	25	310
2,6-Dinitrotoluene		310	U	9.0	310
Fluoranthene		1100		15	310
Fluorene		44	J J ✓	18	310
Hexachlorobenzene		310	U	21	310
Hexachlorobutadiene		310	U	24	310
Hexachlorocyclopentadiene		760	U	140	760
Hexachloroethane		310	U	18	310
Indeno[1,2,3-cd]pyrene		850		20	310
Isophorone		310	U	17	310
2-Methylnaphthalene		40	J J ✓	8.8	310
Naphthalene	3100	<del>37</del>	J J ✓	16	310
2-Nitroaniline		1900	U	19	1900
3-Nitroaniline		1900	U	9.8	1900
Nitrobenzene		310	U	20	310
N-Nitrosodi-n-propylamine		310	U	21	310
N-Nitrosodiphenylamine		310	U	17	310
Phenanthrene		670		15	310

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

**Client Sample ID: WWMW-16 (2-3.5)**

Lab Sample ID: 220-9729-6

Date Sampled: 07/27/2009 1140

Client Matrix: Solid

% Moisture: 12.7

Date Received: 07/28/2009 1855

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29641	Instrument ID: MSZ
Preparation: 3541	Prep Batch: 220-29525	Lab File ID: Z12007.D
Dilution: 1.0		Initial Weight/Volume: 15.07 g
Date Analyzed: 07/31/2009 1701		Final Weight/Volume: 1 mL
Date Prepared: 07/30/2009 0827		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		1000		14	310
1,2,4-Trichlorobenzene		310	U	20	310
4-Chloro-3-methylphenol		310	U	13	310
2-Chlorophenol		310	U	18	310
2-Methylphenol		310	U	18	310
4-Methylphenol		310	U	20	310
2,4-Dichlorophenol		310	U	16	310
2,4-Dimethylphenol		310	U	15	310
2,4-Dinitrophenol		1900	U	92	1900
4,6-Dinitro-2-methylphenol		1900	U	130	1900
2-Nitrophenol		310	U	19	310
4-Nitrophenol		1900	U	23	1900
Pentachlorophenol		1900	U	190	1900
Phenol		310	U	20	310
2,4,5-Trichlorophenol		1900	U	16	1900
2,4,6-Trichlorophenol		310	U	8.4	310
Benzyl alcohol		310	U	29	310
4-Nitroaniline		310	U	24	310
2,2'-oxybis[1-chloropropane]		310	U	16	310

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	57		41 - 120
2-Fluorophenol	54		34 - 120
2,4,6-Tribromophenol	59		37 - 120
Nitrobenzene-d5	60		38 - 120
Phenol-d5	55		36 - 120
Terphenyl-d14	60		32 - 125

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

Client Sample ID: **WWSB-22 (35-45)**

Lab Sample ID: 220-9729-7

Date Sampled: 07/27/2009 1045

Client Matrix: Water

Date Received: 07/28/2009 1855

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29664	Instrument ID: MSC
Preparation:	3510C	Prep Batch: 220-29488	Lab File ID: C12569.D
Dilution:	50		Initial Weight/Volume: 960 mL
Date Analyzed:	07/31/2009 1823		Final Weight/Volume: 1 mL
Date Prepared:	07/29/2009 0902		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	40	J <i>J</i> ✓	16	210
Acenaphthylene	24	J <i>J</i> ✓	18	210
Anthracene	210	U	15	210
Benzo[a]anthracene	210	U	16	210
Benzo[a]pyrene	210	U	18	210
Benzo[b]fluoranthene	210	U	19	210
Benzo[g,h,i]perylene	210	U	19	210
Benzo[k]fluoranthene	210	U	21	210
Bis(2-chloroethoxy)methane	210	U	16	210
Bis(2-chloroethyl)ether	210	U	15	210
Bis(2-ethylhexyl) phthalate	210	U	28	210
Butyl benzyl phthalate	210	U	18	210
Carbazole	210	U	17	210
Chrysene	210	U	13	210
Di-n-butyl phthalate	210	U	18	210
Di-n-octyl phthalate	210	U	20	210
4-Bromophenyl phenyl ether	210	U	23	210
4-Chloroaniline	210	U	15	210
2-Chloronaphthalene	210	U	20	210
4-Chlorophenyl phenyl ether	210	U	18	210
Dibenz(a,h)anthracene	210	U	20	210
Dibenzofuran	210	U	22	210
Diethyl phthalate	210	U	22	210
Dimethyl phthalate	210	U	20	210
1,2-Dichlorobenzene	210	U	16	210
1,3-Dichlorobenzene	210	U	13	210
1,4-Dichlorobenzene	210	U	16	210
3,3'-Dichlorobenzidine	210	U	19	210
2,4-Dinitrotoluene	210	U	21	210
2,6-Dinitrotoluene	210	U	14	210
Fluoranthene	210	U	16	210
Fluorene	210	U	14	210
Hexachlorobenzene	210	U	17	210
Hexachlorobutadiene	210	U	10	210
Hexachlorocyclopentadiene	210	U	18	210
Hexachloroethane	210	U	19	210
Indeno[1,2,3-cd]pyrene	210	U	15	210
Isophorone	210	U	16	210
2-Methylnaphthalene	220	U	14	210
Naphthalene	2000	<del>B</del> ✓	16	210
2-Nitroaniline	210	U	18	210
3-Nitroaniline	210	U	12	210
Nitrobenzene	210	U	15	210
N-Nitrosodi-n-propylamine	210	U	17	210
N-Nitrosodiphenylamine	210	U	17	210
Phenanthrene	210	U	15	210

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

**Client Sample ID: WWSB-22 (35-45)**

Lab Sample ID: 220-9729-7

Date Sampled: 07/27/2009 1045

Client Matrix: Water

Date Received: 07/28/2009 1855

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29664	Instrument ID: MSC	
Preparation: 3510C	Prep Batch: 220-29488	Lab File ID: C12569.D	
Dilution: 50		Initial Weight/Volume: 960 mL	
Date Analyzed: 07/31/2009 1823		Final Weight/Volume: 1 mL	
Date Prepared: 07/29/2009 0902		Injection Volume: 1.0 uL	

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	210	U	17	210
1,2,4-Trichlorobenzene	210	U	19	210
4-Chloro-3-methylphenol	260	U	18	260
2-Chlorophenol	210	U	12	210
2-Methylphenol	210	U	12	210
4-Methylphenol	210	U	15	210
2,4-Dichlorophenol	210	U	17	210
2,4-Dimethylphenol	210	U	17	210
2,4-Dinitrophenol	1300	U	22	1300
4,6-Dinitro-2-methylphenol	1300	U	97	1300
2-Nitrophenol	210	U	14	210
4-Nitrophenol	520	U	76	520
Pentachlorophenol	1300	U	16	1300
Phenol	210	U	9.9	210
2,4,5-Trichlorophenol	520	U	15	520
2,4,6-Trichlorophenol	210	U	19	210
Benzyl alcohol	210	U	21	210
4-Nitroaniline	210	U	10	210
2,2'-oxybis[1-chloropropane]	210	U	13	210

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	75		39 - 120
2-Fluorophenol	48		13 - 120
2,4,6-Tribromophenol	69		36 - 120
Nitrobenzene-d5	72		40 - 120
Phenol-d5	29		10 - 120
Terphenyl-d14	69		10 - 120

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

**Client Sample ID: WWSB-19 (14-15)**

Lab Sample ID: 220-9729-8

Date Sampled: 07/28/2009 1305

Client Matrix: Solid

% Moisture: 15.3

Date Received: 07/28/2009 1855

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29960	Instrument ID: MSC
Preparation:	3541	Prep Batch: 220-29807	Lab File ID: C12736.D
Dilution:	1.0		Initial Weight/Volume: 15.04 g
Date Analyzed:	08/11/2009 1835		Final Weight/Volume: 1 mL
Date Prepared:	08/06/2009 0848		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		320	U	19	320
Acenaphthylene		320	U	16	320
Anthracene		550		12	320
Benzo[a]anthracene		210	J J ✓	11	320
Benzo[a]pyrene		110	J J ✓	8.6	320
Benzo[b]fluoranthene		61	J J ✓	8.5	320
Benzo[g,h,i]perylene		48	J J ✓	21	320
Benzo[k]fluoranthene		320	U	28	320
Bis(2-chloroethoxy)methane		320	U	15	320
Bis(2-chloroethyl)ether		320	U	16	320
Bis(2-ethylhexyl) phthalate		320	U	31	320
Butyl benzyl phthalate		320	U	18	320
Carbazole		320	U	18	320
Chrysene		260	J J ✓	23	320
Di-n-butyl phthalate		320	U	46	320
Di-n-octyl phthalate		320	U	18	320
4-Bromophenyl phenyl ether		320	U	20	320
4-Chloroaniline		320	U	52	320
2-Chloronaphthalene		320	U	14	320
4-Chlorophenyl phenyl ether		320	U	23	320
Dibenz(a,h)anthracene		320	U	25	320
Dibenzofuran		320	U	22	320
Diethyl phthalate		320	U	32	320
Dimethyl phthalate		320	U	18	320
1,2-Dichlorobenzene		320	U	19	320
1,3-Dichlorobenzene		320	U	16	320
1,4-Dichlorobenzene		320	U	19	320
3,3'-Dichlorobenzidine		790	U	65	790
2,4-Dinitrotoluene		320	U	25	320
2,6-Dinitrotoluene		320	U	9.3	320
Fluoranthene		210	J J ✓	16	320
Fluorene		640		19	320
Hexachlorobenzene		320	U	22	320
Hexachlorobutadiene		320	U	24	320
Hexachlorocyclopentadiene		790	U	150	790
Hexachloroethane		320	U	18	320
Indeno[1,2,3-cd]pyrene		37	J J ✓	21	320
Isophorone		320	U	18	320
2-Methylnaphthalene		320	U	9.1	320
Naphthalene		320	U	16	320
2-Nitroaniline		2000	U	19	2000
3-Nitroaniline		2000	U	10	2000
Nitrobenzene		320	U	20	320
N-Nitrosodi-n-propylamine		320	U	21	320
N-Nitrosodiphenylamine		320	U	18	320
Phenanthrene		2100		16	320

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

**Client Sample ID: WWSB-19 (14-15)**

Lab Sample ID: 220-9729-8

Date Sampled: 07/28/2009 1305

Client Matrix: Solid

% Moisture: 15.3

Date Received: 07/28/2009 1855

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29960	Instrument ID: MSC
Preparation: 3541	Prep Batch: 220-29807	Lab File ID: C12736.D
Dilution: 1.0		Initial Weight/Volume: 15.04 g
Date Analyzed: 08/11/2009 1835		Final Weight/Volume: 1 mL
Date Prepared: 08/06/2009 0848		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		640		15	320
1,2,4-Trichlorobenzene		320	U	21	320
4-Chloro-3-methylphenol		320	U	13	320
2-Chlorophenol		320	U	18	320
2-Methylphenol		320	U	19	320
4-Methylphenol		320	U	21	320
2,4-Dichlorophenol		320	U	17	320
2,4-Dimethylphenol		320	U	15	320
2,4-Dinitrophenol		2000	U	95	2000
4,6-Dinitro-2-methylphenol		2000	U	140	2000
2-Nitrophenol		320	U	20	320
4-Nitrophenol		2000	U	24	2000
Pentachlorophenol		2000	U	190	2000
Phenol		320	U	21	320
2,4,5-Trichlorophenol		2000	U	16	2000
2,4,6-Trichlorophenol		320	U	8.7	320
Benzyl alcohol		320	U	30	320
4-Nitroaniline		320	U	24	320
2,2'-oxybis[1-chloropropane]		320	U	16	320

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	59		41 - 120
2-Fluorophenol	67		34 - 120
2,4,6-Tribromophenol	65		37 - 120
Nitrobenzene-d5	84		38 - 120
Phenol-d5	67		36 - 120
Terphenyl-d14	71		32 - 125

11/13/09  
 EMS  
 10/27/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

**Client Sample ID: WWSB-19 (5-15)**

Lab Sample ID: 220-9753-1

Date Sampled: 07/28/2009 1530

Client Matrix: Water

Date Received: 07/30/2009 1900

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29728	Instrument ID: MSC
Preparation:	3510C	Prep Batch: 220-29604	Lab File ID: C12602.D
Dilution:	1.0		Initial Weight/Volume: 1000 mL
Date Analyzed:	08/04/2009 1335		Final Weight/Volume: 1 mL
Date Prepared:	07/31/2009 1020		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	4.5		0.31	4.0
Acenaphthylene	1.4	J J ✓	0.34	4.0
Anthracene	2.5	J J ✓	0.29	4.0
Benzo[a]anthracene	0.80	J J ✓	0.30	4.0
Benzo[a]pyrene	4.0	U	0.35	4.0
Benzo[b]fluoranthene	4.0	U ✓	0.36	4.0
Benzo[g,h,i]perylene	4.0	U	0.36	4.0
Benzo[k]fluoranthene	4.0	U ✓	0.40	4.0
Bis(2-chloroethoxy)methane	4.0	U	0.31	4.0
Bis(2-chloroethyl)ether	4.0	U	0.29	4.0
Bis(2-ethylhexyl) phthalate	4.0	U	0.54	4.0
Butyl benzyl phthalate	4.0	U	0.35	4.0
Carbazole	3.1	J J ✓	0.33	4.0
Chrysene	0.92	J J ✓	0.25	4.0
Di-n-butyl phthalate	0.40	J J ✓	0.35	4.0
Di-n-octyl phthalate	4.0	U	0.38	4.0
4-Bromophenyl phenyl ether	4.0	U	0.44	4.0
4-Chloroaniline	4.0	U	0.29	4.0
2-Chloronaphthalene	4.0	U	0.39	4.0
4-Chlorophenyl phenyl ether	4.0	U	0.35	4.0
Dibenz(a,h)anthracene	4.0	U	0.38	4.0
Dibenzofuran	2.3	J J ✓	0.43	4.0
Diethyl phthalate	4.0	U	0.43	4.0
Dimethyl phthalate	4.0	U	0.38	4.0
1,2-Dichlorobenzene	4.0	U	0.31	4.0
1,3-Dichlorobenzene	4.0	U	0.25	4.0
1,4-Dichlorobenzene	4.0	U	0.31	4.0
3,3'-Dichlorobenzidine	4.0	U	0.36	4.0
2,4-Dinitrotoluene	4.0	U	0.40	4.0
2,6-Dinitrotoluene	4.0	U	0.26	4.0
Fluoranthene	1.1	J J ✓	0.31	4.0
Fluorene	5.3		0.26	4.0
Hexachlorobenzene	4.0	U	0.33	4.0
Hexachlorobutadiene	4.0	U	0.20	4.0
Hexachlorocyclopentadiene	4.0	U	0.35	4.0
Hexachloroethane	4.0	U	0.37	4.0
Indeno[1,2,3-cd]pyrene	4.0	U* J J ✓	0.28	4.0
Isophorone	4.0	U	0.31	4.0
2-Methylnaphthalene	17		0.27	4.0
Naphthalene	6.8		0.30	4.0
2-Nitroaniline	4.0	U	0.34	4.0
3-Nitroaniline	4.0	U	0.23	4.0
Nitrobenzene	4.0	U	0.28	4.0
N-Nitrosodi-n-propylamine	4.0	U	0.33	4.0
N-Nitrosodiphenylamine	4.0	U	0.33	4.0
Phenanthrene	12		0.28	4.0

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

Client Sample ID: **WWSB-19 (5-15)**

Lab Sample ID: 220-9753-1

Date Sampled: 07/28/2009 1530

Client Matrix: Water

Date Received: 07/30/2009 1900

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29728	Instrument ID: MSC
Preparation: 3510C	Prep Batch: 220-29604	Lab File ID: C12602.D
Dilution: 1.0		Initial Weight/Volume: 1000 mL
Date Analyzed: 08/04/2009 1335		Final Weight/Volume: 1 mL
Date Prepared: 07/31/2009 1020		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	2.4	J <del>J</del> ✓	0.33	4.0
1,2,4-Trichlorobenzene	4.0	U	0.36	4.0
4-Chloro-3-methylphenol	5.0	U	0.34	5.0
2-Chlorophenol	4.0	U	0.23	4.0
2-Methylphenol	4.0	U	0.24	4.0
4-Methylphenol	4.0	U	0.29	4.0
2,4-Dichlorophenol	4.0	U	0.33	4.0
2,4-Dimethylphenol	4.0	U	0.33	4.0
2,4-Dinitrophenol	25	U	0.43	25
4,6-Dinitro-2-methylphenol	25	U	1.9	25
2-Nitrophenol	4.0	U	0.27	4.0
4-Nitrophenol	10	U	1.4	10
Pentachlorophenol	25	U	0.31	25
Phenol	4.0	U	0.19	4.0
2,4,5-Trichlorophenol	10	U	0.28	10
2,4,6-Trichlorophenol	4.0	U	0.37	4.0
Benzyl alcohol	<del>0.88</del>	J <del>J</del> ✓	0.41	4.0
4-Nitroaniline	4.0	U	0.20	4.0
2,2'-oxybis[1-chloropropane]	4.0	U	0.25	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	58		39 - 120
2-Fluorophenol	24		13 - 120
2,4,6-Tribromophenol	66		36 - 120
Nitrobenzene-d5	53		40 - 120
Phenol-d5	19		10 - 120
Terphenyl-d14	36		10 - 120

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1  
Sdg Number: 220-9729

**Client Sample ID: WWSB-19 (25-35)**

Lab Sample ID: 220-9753-2  
Client Matrix: Water

Date Sampled: 07/29/2009 1130  
Date Received: 07/30/2009 1900

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29728	Instrument ID: MSC
Preparation:	3510C	Prep Batch: 220-29604	Lab File ID: C12603.D
Dilution:	1.0		Initial Weight/Volume: 960 mL
Date Analyzed:	08/04/2009 1402		Final Weight/Volume: 1 mL
Date Prepared:	07/31/2009 1020		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	3.0	J J✓	0.32	4.2
Acenaphthylene	0.71	J J✓	0.35	4.2
Anthracene	4.2	U	0.30	4.2
Benzo[a]anthracene	4.2	U	0.31	4.2
Benzo[a]pyrene	4.2	U	0.36	4.2
Benzo[b]fluoranthene	4.2	U J✓	0.38	4.2
Benzo[g,h,i]perylene	4.2	U J✓	0.38	4.2
Benzo[k]fluoranthene	4.2	U* J✓	0.42	4.2
Bis(2-chloroethoxy)methane	4.2	U	0.32	4.2
Bis(2-chloroethyl)ether	4.2	U	0.30	4.2
Bis(2-ethylhexyl) phthalate	4.2	U	0.56	4.2
Butyl benzyl phthalate	4.2	U	0.36	4.2
Carbazole	0.49	J J✓	0.34	4.2
Chrysene	4.2	U	0.26	4.2
Di-n-butyl phthalate	4.2	U	0.36	4.2
Di-n-octyl phthalate	4.2	U	0.40	4.2
4-Bromophenyl phenyl ether	4.2	U	0.46	4.2
4-Chloroaniline	4.2	U	0.30	4.2
2-Chloronaphthalene	4.2	U	0.41	4.2
4-Chlorophenyl phenyl ether	4.2	U	0.36	4.2
Dibenz(a,h)anthracene	4.2	U	0.40	4.2
Dibenzofuran	4.2	U	0.45	4.2
Diethyl phthalate	4.2	U	0.45	4.2
Dimethyl phthalate	4.2	U	0.40	4.2
1,2-Dichlorobenzene	4.2	U	0.32	4.2
1,3-Dichlorobenzene	4.2	U	0.26	4.2
1,4-Dichlorobenzene	4.2	U	0.32	4.2
3,3'-Dichlorobenzidine	4.2	U	0.38	4.2
2,4-Dinitrotoluene	4.2	U	0.42	4.2
2,6-Dinitrotoluene	4.2	U	0.27	4.2
Fluoranthene	4.2	U	0.32	4.2
Fluorene	0.65	J J✓	0.27	4.2
Hexachlorobenzene	4.2	U	0.34	4.2
Hexachlorobutadiene	4.2	U	0.21	4.2
Hexachlorocyclopentadiene	4.2	U	0.36	4.2
Hexachloroethane	4.2	U	0.39	4.2
Indeno[1,2,3-cd]pyrene	4.2	U* U J✓	0.29	4.2
Isophorone	4.2	U	0.32	4.2
2-Methylnaphthalene	3.6	J J✓	0.28	4.2
Naphthalene	28		0.31	4.2
2-Nitroaniline	4.2	U	0.35	4.2
3-Nitroaniline	4.2	U	0.24	4.2
Nitrobenzene	4.2	U	0.29	4.2
N-Nitrosodi-n-propylamine	4.2	U	0.34	4.2
N-Nitrosodiphenylamine	4.2	U	0.34	4.2
Phenanthrene	1.2	J J✓	0.29	4.2

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1  
Sdg Number: 220-9729

**Client Sample ID: WWSB-19 (25-35)**

Lab Sample ID: 220-9753-2  
Client Matrix: Water

Date Sampled: 07/29/2009 1130  
Date Received: 07/30/2009 1900

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29728	Instrument ID: MSC
Preparation:	3510C	Prep Batch: 220-29604	Lab File ID: C12603.D
Dilution:	1.0		Initial Weight/Volume: 960 mL
Date Analyzed:	08/04/2009 1402		Final Weight/Volume: 1 mL
Date Prepared:	07/31/2009 1020		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	4.2	U	0.34	4.2
1,2,4-Trichlorobenzene	4.2	U	0.38	4.2
4-Chloro-3-methylphenol	5.2	U	0.35	5.2
2-Chlorophenol	4.2	U	0.24	4.2
2-Methylphenol	0.39	J J ✓	0.25	4.2
4-Methylphenol	0.76	J J ✓	0.30	4.2
2,4-Dichlorophenol	4.2	U	0.34	4.2
2,4-Dimethylphenol	4.2	U	0.34	4.2
2,4-Dinitrophenol	26	U	0.45	26
4,6-Dinitro-2-methylphenol	26	U	1.9	26
2-Nitrophenol	4.2	U	0.28	4.2
4-Nitrophenol	10	U	1.5	10
Pentachlorophenol	26	U	0.32	26
Phenol	4.2	U	0.20	4.2
2,4,5-Trichlorophenol	10	U	0.29	10
2,4,6-Trichlorophenol	4.2	U	0.39	4.2
Benzyl alcohol	<del>0.91</del>	J J ✓	0.43	4.2
4-Nitroaniline	4.2	U	0.21	4.2
2,2'-oxybis[1-chloropropane]	4.2	U	0.26	4.2

4.20

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	54		39 - 120
2-Fluorophenol	28		13 - 120
2,4,6-Tribromophenol	65		36 - 120
Nitrobenzene-d5	53		40 - 120
Phenol-d5	23		10 - 120
Terphenyl-d14	36		10 - 120

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# Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

Client Sample ID: WWSB-XX (24-34)

Lab Sample ID: 220-9753-3

Date Sampled: 07/29/2009 1140

Client Matrix: Water

Date Received: 07/30/2009 1900

## 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29728	Instrument ID:	MSC
Preparation:	3510C	Prep Batch: 220-29604	Lab File ID:	C12604.D
Dilution:	1.0		Initial Weight/Volume:	1000 mL
Date Analyzed:	08/04/2009 1430		Final Weight/Volume:	1 mL
Date Prepared:	07/31/2009 1020		Injection Volume:	1.0 uL

*report this analysis*

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	2.0	J J ✓	0.31	4.0
Acenaphthylene	0.52	J J ✓	0.34	4.0
Anthracene	4.0	U UJ ✓	0.29	4.0
Benzo[a]anthracene	4.0	U UJ ✓	0.30	4.0
Benzo[a]pyrene	4.0	U UJ ✓	0.35	4.0
Benzo[b]fluoranthene	4.0	U UJ ✓	0.36	4.0
Benzo[g,h,i]perylene	4.0	U UJ ✓	0.36	4.0
Benzo[k]fluoranthene	4.0	U UJ ✓	0.40	4.0
Bis(2-chloroethoxy)methane	4.0	U UJ ✓	0.31	4.0
Bis(2-chloroethyl)ether	4.0	U UJ ✓	0.29	4.0
Bis(2-ethylhexyl) phthalate	0.94	J J ✓	0.54	4.0
Butyl benzyl phthalate	4.0	U UJ ✓	0.35	4.0
Carbazole	0.36	J J ✓	0.33	4.0
Chrysene	4.0	U UJ ✓	0.25	4.0
Di-n-butyl phthalate	4.0	U UJ ✓	0.35	4.0
Di-n-octyl phthalate	4.0	U UJ ✓	0.38	4.0
4-Bromophenyl phenyl ether	4.0	U UJ ✓	0.44	4.0
4-Chloroaniline	4.0	U UJ ✓	0.29	4.0
2-Chloronaphthalene	4.0	U UJ ✓	0.39	4.0
4-Chlorophenyl phenyl ether	4.0	U UJ ✓	0.35	4.0
Dibenz(a,h)anthracene	4.0	U UJ ✓	0.38	4.0
Dibenzofuran	4.0	U UJ ✓	0.43	4.0
Diethyl phthalate	4.0	U UJ ✓	0.43	4.0
Dimethyl phthalate	4.0	U UJ ✓	0.38	4.0
1,2-Dichlorobenzene	4.0	U UJ ✓	0.31	4.0
1,3-Dichlorobenzene	4.0	U UJ ✓	0.25	4.0
1,4-Dichlorobenzene	4.0	U UJ ✓	0.31	4.0
3,3'-Dichlorobenzidine	4.0	U UJ ✓	0.36	4.0
2,4-Dinitrotoluene	4.0	U UJ ✓	0.40	4.0
2,6-Dinitrotoluene	4.0	U UJ ✓	0.26	4.0
Fluoranthene	4.0	U UJ ✓	0.31	4.0
Fluorene	0.53	J J ✓	0.26	4.0
Hexachlorobenzene	4.0	U UJ ✓	0.33	4.0
Hexachlorobutadiene	4.0	U UJ ✓	0.20	4.0
Hexachlorocyclopentadiene	4.0	U UJ ✓	0.35	4.0
Hexachloroethane	4.0	U UJ ✓	0.37	4.0
Indeno[1,2,3-cd]pyrene	4.0	U UJ ✓	0.28	4.0
Isophorone	4.0	U UJ ✓	0.31	4.0
2-Methylnaphthalene	2.5	J J ✓	0.27	4.0
Naphthalene	21	J J ✓	0.30	4.0
2-Nitroaniline	4.0	U UJ ✓	0.34	4.0
3-Nitroaniline	4.0	U UJ ✓	0.23	4.0
Nitrobenzene	4.0	U UJ ✓	0.28	4.0
N-Nitrosodi-n-propylamine	4.0	U UJ ✓	0.33	4.0
N-Nitrosodiphenylamine	4.0	U UJ ✓	0.33	4.0
Phenanthrene	0.89	J J ✓	0.28	4.0

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

Client Sample ID: **WWSB-XX (24-34)**

Lab Sample ID: 220-9753-3

Date Sampled: 07/29/2009 1140

Client Matrix: Water

Date Received: 07/30/2009 1900

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29728	Instrument ID: MSC
Preparation:	3510C	Prep Batch: 220-29604	Lab File ID: C12604.D
Dilution:	1.0		Initial Weight/Volume: 1000 mL
Date Analyzed:	08/04/2009 1430		Final Weight/Volume: 1 mL
Date Prepared:	07/31/2009 1020		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	4.0	U <i>UJ</i> ✓	0.33	4.0
1,2,4-Trichlorobenzene	4.0	U <i>UJ</i> ✓	0.36	4.0
4-Chloro-3-methylphenol	5.0	U <i>U</i>	0.34	5.0
2-Chlorophenol	4.0	U <i>U</i>	0.23	4.0
2-Methylphenol	4.0	U	0.24	4.0
4-Methylphenol	0.45	J <i>J</i> ✓	0.29	4.0
2,4-Dichlorophenol	4.0	U	0.33	4.0
2,4-Dimethylphenol	4.0	U	0.33	4.0
2,4-Dinitrophenol	25	U	0.43	25
4,6-Dinitro-2-methylphenol	25	U	1.9	25
2-Nitrophenol	4.0	U	0.27	4.0
4-Nitrophenol	10	U	1.4	10
Pentachlorophenol	25	U	0.31	25
Phenol	0.33	J <i>J</i> ✓	0.19	4.0
2,4,5-Trichlorophenol	10	U	0.28	10
2,4,6-Trichlorophenol	4.0	U	0.37	4.0
Benzyl alcohol	<del>0.64</del>	J ✓	0.41	4.0
4-Nitroaniline	4.0	U	0.20	4.0
2,2'-oxybis[1-chloropropane]	4.0	U	0.25	4.0

4.0v.

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	36	*	39 - 120
2-Fluorophenol	21		13 - 120
2,4,6-Tribromophenol	50		36 - 120
Nitrobenzene-d5	37	*	40 - 120
Phenol-d5	17		10 - 120
Terphenyl-d14	19		10 - 120

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

Client Sample ID: **WWSB-XX (24-34)**

Lab Sample ID: 220-9753-3

Date Sampled: 07/29/2009 1140

Client Matrix: Water

Date Received: 07/30/2009 1900

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29983	Instrument ID: MSA
Preparation:	3510C	Prep Batch: 220-29859	Lab File ID: A6629.D
Dilution:	1.0		Initial Weight/Volume: 960 mL
Date Analyzed:	08/11/2009 2205	Run Type: RE	Final Weight/Volume: 1 mL
Date Prepared:	08/07/2009 0939		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	3.4	JH JT ✓	0.32	4.2
Acenaphthylene	0.85	JH JT ✓	0.35	4.2
Anthracene	4.2	UH JT ✓	0.30	4.2
Benzo[a]anthracene	4.2	UH JT ✓	0.31	4.2
Benzo[a]pyrene	4.2	UH JT ✓	0.36	4.2
Benzo[b]fluoranthene	4.2	UH JT ✓	0.38	4.2
Benzo[g,h,i]perylene	4.2	UH JT ✓	0.38	4.2
Benzo[k]fluoranthene	4.2	UH JT ✓	0.42	4.2
Bis(2-chloroethoxy)methane	4.2	UH JT ✓	0.32	4.2
Bis(2-chloroethyl)ether	4.2	UH JT ✓	0.30	4.2
Bis(2-ethylhexyl) phthalate	0.65	JH JT ✓	0.56	4.2
Butyl benzyl phthalate	4.2	UH JT ✓	0.36	4.2
Carbazole	4.2	UH JT ✓	0.34	4.2
Chrysene	4.2	UH JT ✓	0.26	4.2
Di-n-butyl phthalate	4.2	UH JT ✓	0.36	4.2
Di-n-octyl phthalate	4.2	UH JT ✓	0.40	4.2
4-Bromophenyl phenyl ether	4.2	UH JT ✓	0.46	4.2
4-Chloroaniline	4.2	UH JT ✓	0.30	4.2
2-Chloronaphthalene	4.2	UH JT ✓	0.41	4.2
4-Chlorophenyl phenyl ether	4.2	UH JT ✓	0.36	4.2
Dibenz(a,h)anthracene	4.2	UH JT ✓	0.40	4.2
Dibenzofuran	4.2	UH JT ✓	0.45	4.2
Diethyl phthalate	4.2	UH JT ✓	0.45	4.2
Dimethyl phthalate	4.2	UH JT ✓	0.40	4.2
1,2-Dichlorobenzene	4.2	UH JT ✓	0.32	4.2
1,3-Dichlorobenzene	4.2	UH JT ✓	0.26	4.2
1,4-Dichlorobenzene	4.2	UH JT ✓	0.32	4.2
3,3'-Dichlorobenzidine	4.2	UH JT ✓	0.38	4.2
2,4-Dinitrotoluene	4.2	UH JT ✓	0.42	4.2
2,6-Dinitrotoluene	4.2	UH JT ✓	0.27	4.2
Fluoranthene	4.2	UH JT ✓	0.32	4.2
Fluorene	0.71	JH JT ✓	0.27	4.2
Hexachlorobenzene	4.2	UH JT ✓	0.34	4.2
Hexachlorobutadiene	4.2	UH JT ✓	0.21	4.2
Hexachlorocyclopentadiene	4.2	UH JT ✓	0.36	4.2
Hexachloroethane	4.2	UH JT ✓	0.39	4.2
Indeno[1,2,3-cd]pyrene	4.2	UH JT ✓	0.29	4.2
Isophorone	4.2	UH JT ✓	0.32	4.2
2-Methylnaphthalene	4.3	H JT ✓	0.28	4.2
Naphthalene	36	H JT ✓	0.31	4.2
2-Nitroaniline	4.2	UH JT ✓	0.35	4.2
3-Nitroaniline	4.2	UH JT ✓	0.24	4.2
Nitrobenzene	4.2	UH JT ✓	0.29	4.2
N-Nitrosodi-n-propylamine	4.2	UH JT ✓	0.34	4.2
N-Nitrosodiphenylamine	4.2	UH JT ✓	0.34	4.2
Phenanthrene	1.2	JH JT ✓	0.29	4.2

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

**Client Sample ID: WWSB-XX (24-34)**

Lab Sample ID: 220-9753-3

Date Sampled: 07/29/2009 1140

Client Matrix: Water

Date Received: 07/30/2009 1900

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29983	Instrument ID: MSA
Preparation: 3510C	Prep Batch: 220-29859	Lab File ID: A6629.D
Dilution: 1.0		Initial Weight/Volume: 960 mL
Date Analyzed: 08/11/2009 2205	Run Type: RE	Final Weight/Volume: 1 mL
Date Prepared: 08/07/2009 0939		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	4.2	UH <i>VJ</i> ✓	0.34	4.2
1,2,4-Trichlorobenzene	4.2	UH <i>VJ</i> ✓	0.38	4.2
4-Chloro-3-methylphenol	5.2	UH <i>VJ</i> ✓	0.35	5.2
2-Chlorophenol	4.2	UH <i>VJ</i> ✓	0.24	4.2
2-Methylphenol	0.46	JH <i>J</i> ✓	0.25	4.2
4-Methylphenol	0.82	JH <i>J</i> ✓	0.30	4.2
2,4-Dichlorophenol	4.2	UH <i>VJ</i> ✓	0.34	4.2
2,4-Dimethylphenol	4.2	UH <i>VJ</i> ✓	0.34	4.2
2,4-Dinitrophenol	26	UH <i>VJ</i> ✓	0.45	26
4,6-Dinitro-2-methylphenol	26	UH <i>VJ</i> ✓	1.9	26
2-Nitrophenol	4.2	UH <i>VJ</i> ✓	0.28	4.2
4-Nitrophenol	10	UH <i>VJ</i> ✓	1.5	10
Pentachlorophenol	26	UH <i>VJ</i> ✓	0.32	26
Phenol	4.2	UH <i>VJ</i> ✓	0.20	4.2
2,4,5-Trichlorophenol	10	UH <i>VJ</i> ✓	0.29	10
2,4,6-Trichlorophenol	4.2	UH <i>VJ</i> ✓	0.39	4.2
Benzyl alcohol	4.2	UH <i>VJ</i> ✓	0.43	4.2
4-Nitroaniline	4.2	UH <i>VJ</i> ✓	0.21	4.2
2,2'-oxybis[1-chloropropane]	4.2	UH <i>VJ</i> ✓	0.26	4.2

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	58		39 - 120
2-Fluorophenol	18		13 - 120
2,4,6-Tribromophenol	68		36 - 120
Nitrobenzene-d5	60		40 - 120
Phenol-d5	25		10 - 120
Terphenyl-d14	26		10 - 120

*Q* 11/3/09  
*EMM*  
*10/27/09*



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

**Client Sample ID: WWSB-19 (40-50)**

Lab Sample ID: 220-9753-4

Date Sampled: 07/29/2009 1505

Client Matrix: Water

Date Received: 07/30/2009 1900

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29728	Instrument ID: MSC
Preparation:	3510C	Prep Batch: 220-29604	Lab File ID: C12605.D
Dilution:	1.0		Initial Weight/Volume: 960 mL
Date Analyzed:	08/04/2009 1457		Final Weight/Volume: 1 mL
Date Prepared:	07/31/2009 1020		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	4.2	U	0.32	4.2
Acenaphthylene	4.2	U	0.35	4.2
Anthracene	4.2	U	0.30	4.2
Benzo[a]anthracene	4.2	U	0.31	4.2
Benzo[a]pyrene	4.2	U	0.36	4.2
Benzo[b]fluoranthene	4.2	U* ✓	0.38	4.2
Benzo[g,h,i]perylene	4.2	U	0.38	4.2
Benzo[k]fluoranthene	4.2	U* ✓	0.42	4.2
Bis(2-chloroethoxy)methane	4.2	U	0.32	4.2
Bis(2-chloroethyl)ether	4.2	U	0.30	4.2
Bis(2-ethylhexyl) phthalate	4.2	U	0.56	4.2
Butyl benzyl phthalate	4.2	U	0.36	4.2
Carbazole	4.2	U	0.34	4.2
Chrysene	4.2	U	0.26	4.2
Di-n-butyl phthalate	4.2	U	0.36	4.2
Di-n-octyl phthalate	4.2	U	0.40	4.2
4-Bromophenyl phenyl ether	4.2	U	0.46	4.2
4-Chloroaniline	4.2	U	0.30	4.2
2-Chloronaphthalene	4.2	U	0.41	4.2
4-Chlorophenyl phenyl ether	4.2	U	0.36	4.2
Dibenz(a,h)anthracene	4.2	U	0.40	4.2
Dibenzofuran	4.2	U	0.45	4.2
Diethyl phthalate	4.2	U	0.45	4.2
Dimethyl phthalate	4.2	U	0.40	4.2
1,2-Dichlorobenzene	4.2	U	0.32	4.2
1,3-Dichlorobenzene	4.2	U	0.26	4.2
1,4-Dichlorobenzene	4.2	U	0.32	4.2
3,3'-Dichlorobenzidine	4.2	U	0.38	4.2
2,4-Dinitrotoluene	4.2	U	0.42	4.2
2,6-Dinitrotoluene	4.2	U	0.27	4.2
Fluoranthene	4.2	U	0.32	4.2
Fluorene	4.2	U	0.27	4.2
Hexachlorobenzene	4.2	U	0.34	4.2
Hexachlorobutadiene	4.2	U	0.21	4.2
Hexachlorocyclopentadiene	4.2	U	0.36	4.2
Hexachloroethane	4.2	U	0.39	4.2
Indeno[1,2,3-cd]pyrene	4.2	U* UJ ✓	0.29	4.2
Isophorone	4.2	U	0.32	4.2
2-Methylnaphthalene	4.2	U	0.28	4.2
Naphthalene	4.20. <del>0.79</del>	J ✓	0.31	4.2
2-Nitroaniline	4.2	U	0.35	4.2
3-Nitroaniline	4.2	U	0.24	4.2
Nitrobenzene	4.2	U	0.29	4.2
N-Nitrosodi-n-propylamine	4.2	U	0.34	4.2
N-Nitrosodiphenylamine	4.2	U	0.34	4.2
Phenanthrene	4.2	U	0.29	4.2

EMS  
 10/27/09  
 11/3/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

**Client Sample ID: WWSB-19 (40-50)**

Lab Sample ID: 220-9753-4

Date Sampled: 07/29/2009 1505

Client Matrix: Water

Date Received: 07/30/2009 1900

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29728	Instrument ID: MSC
Preparation: 3510C	Prep Batch: 220-29604	Lab File ID: C12605.D
Dilution: 1.0		Initial Weight/Volume: 960 mL
Date Analyzed: 08/04/2009 1457		Final Weight/Volume: 1 mL
Date Prepared: 07/31/2009 1020		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	4.2	U	0.34	4.2
1,2,4-Trichlorobenzene	4.2	U	0.38	4.2
4-Chloro-3-methylphenol	5.2	U	0.35	5.2
2-Chlorophenol	4.2	U	0.24	4.2
2-Methylphenol	4.2	U	0.25	4.2
4-Methylphenol	4.2	U	0.30	4.2
2,4-Dichlorophenol	4.2	U	0.34	4.2
2,4-Dimethylphenol	4.2	U	0.34	4.2
2,4-Dinitrophenol	26	U	0.45	26
4,6-Dinitro-2-methylphenol	26	U	1.9	26
2-Nitrophenol	4.2	U	0.28	4.2
4-Nitrophenol	10	U	1.5	10
Pentachlorophenol	26	U	0.32	26
Phenol	4.2	U	0.20	4.2
2,4,5-Trichlorophenol	10	U	0.29	10
2,4,6-Trichlorophenol	4.2	U	0.39	4.2
Benzyl alcohol	<del>0.75</del>	<del>J</del> ✓	0.43	4.2
4-Nitroaniline	4.2	U	0.21	4.2
2,2'-oxybis[1-chloropropane]	4.2	U	0.26	4.2

4.20

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	44		39 - 120
2-Fluorophenol	23		13 - 120
2,4,6-Tribromophenol	59		36 - 120
Nitrobenzene-d5	44		40 - 120
Phenol-d5	18		10 - 120
Terphenyl-d14	48		10 - 120

JF 11/3/09  
 Ems  
 10/27/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

Client Sample ID: **WWSB-19 (25-35)**

Lab Sample ID: 220-9753-5

Date Sampled: 07/29/2009 0820

Client Matrix: Solid

% Moisture: 23.0

Date Received: 07/30/2009 1900

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-30013	Instrument ID: MSC
Preparation:	3541	Prep Batch: 220-29807	Lab File ID: C12760.D
Dilution:	1.0		Initial Weight/Volume: 15.16 g
Date Analyzed:	08/12/2009 1813		Final Weight/Volume: 1 mL
Date Prepared:	08/06/2009 0848		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		570		21	350
Acenaphthylene		350	U	17	350
Anthracene		420		13	350
Benzo[a]anthracene		130	J J ✓	12	350
Benzo[a]pyrene		61	J J J ✓	9.4	350
Benzo[b]fluoranthene		33	J J ✓	9.3	350
Benzo[g,h,i]perylene		350	U	23	350
Benzo[k]fluoranthene		350	U	31	350
Bis(2-chloroethoxy)methane		350	U	16	350
Bis(2-chloroethyl)ether		350	U	18	350
Bis(2-ethylhexyl) phthalate		350	U	34	350
Butyl benzyl phthalate		350	U	19	350
Carbazole		350	U	19	350
Chrysene		180	J J ✓	26	350
Di-n-butyl phthalate		350	U	50	350
Di-n-octyl phthalate		350	U	20	350
4-Bromophenyl phenyl ether		350	U	22	350
4-Chloroaniline		350	U	56	350
2-Chloronaphthalene		350	U	15	350
4-Chlorophenyl phenyl ether		350	U	26	350
Dibenz(a,h)anthracene		350	U	27	350
Dibenzofuran		73	J J ✓	24	350
Diethyl phthalate		350	U	35	350
Dimethyl phthalate		350	U	20	350
1,2-Dichlorobenzene		350	U	21	350
1,3-Dichlorobenzene		350	U	17	350
1,4-Dichlorobenzene		350	U	21	350
3,3'-Dichlorobenzidine		860	U	71	860
2,4-Dinitrotoluene		350	U	28	350
2,6-Dinitrotoluene		350	U	10	350
Fluoranthene		120	J J ✓	17	350
Fluorene		270	J J ✓	21	350
Hexachlorobenzene		350	U	24	350
Hexachlorobutadiene		350	U	27	350
Hexachlorocyclopentadiene		860	U	160	860
Hexachloroethane		350	U	20	350
Indeno[1,2,3-cd]pyrene		350	U	22	350
Isophorone		350	U	19	350
2-Methylnaphthalene		850		9.9	350
Naphthalene		2400		18	350
2-Nitroaniline		2200	U	21	2200
3-Nitroaniline		2200	U	11	2200
Nitrobenzene		350	U	22	350
N-Nitrosodi-n-propylamine		350	U	23	350
N-Nitrosodiphenylamine		350	U	20	350
Phenanthrene		890		17	350

11/3/09  
 ERN  
 10/27/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

Client Sample ID: **WWSB-19 (25-35)**

Lab Sample ID: 220-9753-5

Date Sampled: 07/29/2009 0820

Client Matrix: Solid

% Moisture: 23.0

Date Received: 07/30/2009 1900

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-30013	Instrument ID: MSC
Preparation:	3541	Prep Batch: 220-29807	Lab File ID: C12760.D
Dilution:	1.0		Initial Weight/Volume: 15.16 g
Date Analyzed:	08/12/2009 1813		Final Weight/Volume: 1 mL
Date Prepared:	08/06/2009 0848		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		360		16	350
1,2,4-Trichlorobenzene		350	U	23	350
4-Chloro-3-methylphenol		350	U	14	350
2-Chlorophenol		350	U	20	350
2-Methylphenol		350	U	21	350
4-Methylphenol		350	U	23	350
2,4-Dichlorophenol		350	U	19	350
2,4-Dimethylphenol		350	U	17	350
2,4-Dinitrophenol		2200	U	100	2200
4,6-Dinitro-2-methylphenol		2200	U	150	2200
2-Nitrophenol		350	U	22	350
4-Nitrophenol		2200	U	26	2200
Pentachlorophenol		2200	U	210	2200
Phenol		350	U	23	350
2,4,5-Trichlorophenol		2200	U	17	2200
2,4,6-Trichlorophenol		350	U	9.5	350
Benzyl alcohol		350	U	33	350
4-Nitroaniline		350	U	27	350
2,2'-oxybis[1-chloropropane]		350	U	18	350

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	74		41 - 120
2-Fluorophenol	71		34 - 120
2,4,6-Tribromophenol	69		37 - 120
Nitrobenzene-d5	77		38 - 120
Phenol-d5	71		36 - 120
Terphenyl-d14	66		32 - 125

11/13/09  
 EHM  
 10/27/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

**Client Sample ID: WWSB-19 (47-50)**

Lab Sample ID: 220-9753-6

Date Sampled: 07/29/2009 1325

Client Matrix: Solid

% Moisture: 17.4

Date Received: 07/30/2009 1900

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-30013	Instrument ID: MSC
Preparation:	3541	Prep Batch: 220-29807	Lab File ID: C12761.D
Dilution:	1.0		Initial Weight/Volume: 15.05 g
Date Analyzed:	08/12/2009 1841		Final Weight/Volume: 1 mL
Date Prepared:	08/06/2009 0848		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		330	U	19	330
Acenaphthylene		330	U	16	330
Anthracene		330	U	13	330
Benzo[a]anthracene		330	U	12	330
Benzo[a]pyrene		330	U	8.8	330
Benzo[b]fluoranthene		330	U	8.7	330
Benzo[g,h,i]perylene		330	U	21	330
Benzo[k]fluoranthene		330	U	29	330
Bis(2-chloroethoxy)methane		330	U	15	330
Bis(2-chloroethyl)ether		330	U	17	330
Bis(2-ethylhexyl) phthalate		330	U	32	330
Butyl benzyl phthalate		330	U	18	330
Carbazole		330	U	18	330
Chrysene		330	U	24	330
Di-n-butyl phthalate		330	U	47	330
Di-n-octyl phthalate		330	U	18	330
4-Bromophenyl phenyl ether		330	U	21	330
4-Chloroaniline		330	U	53	330
2-Chloronaphthalene		330	U	14	330
4-Chlorophenyl phenyl ether		330	U	24	330
Dibenz(a,h)anthracene		330	U	26	330
Dibenzofuran		330	U	23	330
Diethyl phthalate		330	U	33	330
Dimethyl phthalate		330	U	19	330
1,2-Dichlorobenzene		330	U	19	330
1,3-Dichlorobenzene		330	U	16	330
1,4-Dichlorobenzene		330	U	19	330
3,3'-Dichlorobenzidine		810	U	67	810
2,4-Dinitrotoluene		330	U	26	330
2,6-Dinitrotoluene		330	U	9.5	330
Fluoranthene		330	U	16	330
Fluorene		330	U	20	330
Hexachlorobenzene		330	U	23	330
Hexachlorobutadiene		330	U	25	330
Hexachlorocyclopentadiene		810	U <i>UJ ✓</i>	150	810
Hexachloroethane		330	U	19	330
Indeno[1,2,3-cd]pyrene		330	U	21	330
Isophorone		330	U	18	330
2-Methylnaphthalene		330	U	9.3	330
Naphthalene		330	U	17	330
2-Nitroaniline		2100	U	20	2100
3-Nitroaniline		2100	U	10	2100
Nitrobenzene		330	U	21	330
N-Nitrosodi-n-propylamine		330	U	22	330
N-Nitrosodiphenylamine		330	U	18	330
Phenanthrene		330	U	16	330

*8/11/3/09*  
*EMM*  
*10/27/09*

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1  
Sdg Number: 220-9729

**Client Sample ID: WWSB-19 (47-50)**

Lab Sample ID: 220-9753-6  
Client Matrix: Solid

% Moisture: 17.4

Date Sampled: 07/29/2009 1325  
Date Received: 07/30/2009 1900

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-30013	Instrument ID: MSC
Preparation: 3541	Prep Batch: 220-29807	Lab File ID: C12761.D
Dilution: 1.0		Initial Weight/Volume: 15.05 g
Date Analyzed: 08/12/2009 1841		Final Weight/Volume: 1 mL
Date Prepared: 08/06/2009 0848		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		330	U	15	330
1,2,4-Trichlorobenzene		330	U	21	330
4-Chloro-3-methylphenol		330	U	13	330
2-Chlorophenol		330	U	19	330
2-Methylphenol		330	U	20	330
4-Methylphenol		330	U	21	330
2,4-Dichlorophenol		330	U	17	330
2,4-Dimethylphenol		330	U	16	330
2,4-Dinitrophenol		2100	U	98	2100
4,6-Dinitro-2-methylphenol		2100	U	140	2100
2-Nitrophenol		330	U	21	330
4-Nitrophenol		2100	U	25	2100
Pentachlorophenol		2100	U	200	2100
Phenol		330	U	22	330
2,4,5-Trichlorophenol		2100	U	16	2100
2,4,6-Trichlorophenol		330	U	8.9	330
Benzyl alcohol		330	U	31	330
4-Nitroaniline		330	U	25	330
2,2'-oxybis[1-chloropropane]		330	U	17	330

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	72		41 - 120
2-Fluorophenol	70		34 - 120
2,4,6-Tribromophenol	67		37 - 120
Nitrobenzene-d5	70		38 - 120
Phenol-d5	68		36 - 120
Terphenyl-d14	66		32 - 125

*OP* 11/3/09  
*EMM*  
 10/27/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

Client Sample ID: WWSB-25 (1-3)

Lab Sample ID: 220-9753-7

Date Sampled: 07/28/2009 1000

Client Matrix: Solid

% Moisture: 14.5

Date Received: 07/30/2009 1900

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-30013	Instrument ID: MSC
Preparation:	3541	Prep Batch: 220-29807	Lab File ID: C12771.D
Dilution:	1.0		Initial Weight/Volume: 15.34 g
Date Analyzed:	08/12/2009 2311		Final Weight/Volume: 1 mL
Date Prepared:	08/06/2009 0848		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		240	J J ✓	18	310
Acenaphthylene		66	J J ✓	15	310
Anthracene		530		12	310
Benzo[a]anthracene		2100		11	310
Benzo[a]pyrene		2900		8.3	310
Benzo[b]fluoranthene		2700		8.2	310
Benzo[g,h,i]perylene		1600		20	310
Benzo[k]fluoranthene		1000		28	310
Bis(2-chloroethoxy)methane		310	U	14	310
Bis(2-chloroethyl)ether		310	U	16	310
Bis(2-ethylhexyl) phthalate		1800		30	310
Butyl benzyl phthalate		310	U	17	310
Carbazole		250	J J ✓	17	310
Chrysene		2200		23	310
Di-n-butyl phthalate		310	U	45	310
Di-n-octyl phthalate		310	U	17	310
4-Bromophenyl phenyl ether		310	U	20	310
4-Chloroaniline		310	U	50	310
2-Chloronaphthalene		310	U	13	310
4-Chlorophenyl phenyl ether		310	U	23	310
Dibenz(a,h)anthracene		490		24	310
Dibenzofuran		110	J J ✓	22	310
Diethyl phthalate		310	U	31	310
Dimethyl phthalate		310	U	18	310
1,2-Dichlorobenzene		310	U	18	310
1,3-Dichlorobenzene		310	U	15	310
1,4-Dichlorobenzene		310	U	18	310
3,3'-Dichlorobenzidine		770	U	63	770
2,4-Dinitrotoluene		310	U	25	310
2,6-Dinitrotoluene		310	U	9.0	310
Fluoranthene		3200		15	310
Fluorene		160	J J ✓	19	310
Hexachlorobenzene		310	U	21	310
Hexachlorobutadiene		310	U	24	310
Hexachlorocyclopentadiene		770	U	150	770
Hexachloroethane		310	U	18	310
Indeno[1,2,3-cd]pyrene		1700		20	310
Isophorone		310	U	17	310
2-Methylnaphthalene		67	J J ✓	8.8	310
Naphthalene	310 U	<del>96</del>	J ✓	16	310
2-Nitroaniline		1900	U	19	1900
3-Nitroaniline		1900	U	9.8	1900
Nitrobenzene		310	U	20	310
N-Nitrosodi-n-propylamine		310	U	21	310
N-Nitrosodiphenylamine		310	U	17	310
Phenanthrene		2600		15	310

EMM  
10/27/09  
QS 11/4/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

**Client Sample ID: WWSB-25 (1-3)**

Lab Sample ID: 220-9753-7

Date Sampled: 07/28/2009 1000

Client Matrix: Solid

% Moisture: 14.5

Date Received: 07/30/2009 1900

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-30013	Instrument ID: MSC	
Preparation: 3541	Prep Batch: 220-29807	Lab File ID: C12771.D	
Dilution: 1.0		Initial Weight/Volume: 15.34 g	
Date Analyzed: 08/12/2009 2311		Final Weight/Volume: 1 mL	
Date Prepared: 08/06/2009 0848		Injection Volume: 1.0 uL	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		3100		15	310
1,2,4-Trichlorobenzene		310	U	20	310
4-Chloro-3-methylphenol		310	U	13	310
2-Chlorophenol		310	U	18	310
2-Methylphenol		310	U	19	310
4-Methylphenol		310	U	20	310
2,4-Dichlorophenol		310	U	16	310
2,4-Dimethylphenol		310	U	15	310
2,4-Dinitrophenol		1900	U	93	1900
4,6-Dinitro-2-methylphenol		1900	U	130	1900
2-Nitrophenol		310	U	19	310
4-Nitrophenol		1900	U	23	1900
Pentachlorophenol		1900	U	190	1900
Phenol		310	U	20	310
2,4,5-Trichlorophenol		1900	U	16	1900
2,4,6-Trichlorophenol		310	U	8.5	310
Benzyl alcohol		310	U	29	310
4-Nitroaniline		310	U	24	310
2,2'-oxybis[1-chloropropane]		310	U	16	310

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	81		41 - 120
2-Fluorophenol	75		34 - 120
2,4,6-Tribromophenol	70		37 - 120
Nitrobenzene-d5	80		38 - 120
Phenol-d5	76		36 - 120
Terphenyl-d14	76		32 - 125

QS 11/4/09  
 ENN  
 10/27/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

Client Sample ID: **WWSB-25 (34-35)**

Lab Sample ID: 220-9753-8

Date Sampled: 07/28/2009 1210

Client Matrix: Solid

% Moisture: 13.9

Date Received: 07/30/2009 1900

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-30142	Instrument ID: MSA
Preparation:	3541	Prep Batch: 220-29807	Lab File ID: A6735.D
Dilution:	500		Initial Weight/Volume: 15.01 g
Date Analyzed:	08/17/2009 2258		Final Weight/Volume: 1 mL
Date Prepared:	08/06/2009 0848		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		26000	J J✓	9300	160000
Acenaphthylene		190000		7700	160000
Anthracene		69000	J J✓	6100	160000
Benzo[a]anthracene		39000	J J✓	5600	160000
Benzo[a]pyrene		160000	U	4200	160000
Benzo[b]fluoranthene		160000	U	4200	160000
Benzo[g,h,i]perylene		160000	U	10000	160000
Benzo[k]fluoranthene		160000	U	14000	160000
Bis(2-chloroethoxy)methane		160000	U	7300	160000
Bis(2-chloroethyl)ether		160000	U	8100	160000
Bis(2-ethylhexyl) phthalate		160000	U	15000	160000
Butyl benzyl phthalate		160000	U	8800	160000
Carbazole		160000	U	8700	160000
Chrysene		33000	J J✓	12000	160000
Di-n-butyl phthalate		160000	U	23000	160000
Di-n-octyl phthalate		160000	U	8900	160000
4-Bromophenyl phenyl ether		160000	U	10000	160000
4-Chloroaniline		160000	U	25000	160000
2-Chloronaphthalene		160000	U	6700	160000
4-Chlorophenyl phenyl ether		160000	U	12000	160000
Dibenz(a,h)anthracene		160000	U	12000	160000
Dibenzofuran		160000	U	11000	160000
Diethyl phthalate		160000	U	16000	160000
Dimethyl phthalate		160000	U	9000	160000
1,2-Dichlorobenzene		160000	U	9300	160000
1,3-Dichlorobenzene		160000	U	7800	160000
1,4-Dichlorobenzene		160000	U	9300	160000
3,3'-Dichlorobenzidine		390000	U	32000	390000
2,4-Dinitrotoluene		160000	U	12000	160000
2,6-Dinitrotoluene		160000	U	4600	160000
Fluoranthene		69000	J J✓	7800	160000
Fluorene		97000	J J✓	9400	160000
Hexachlorobenzene		160000	U	11000	160000
Hexachlorobutadiene		160000	U	12000	160000
Hexachlorocyclopentadiene		390000	U	74000	390000
Hexachloroethane		160000	U	8900	160000
Indeno[1,2,3-cd]pyrene		160000	U	10000	160000
Isophorone		160000	U	8600	160000
2-Methylnaphthalene		640000		4500	160000
Naphthalene		1500000		8100	160000
2-Nitroaniline		990000	U	9500	990000
3-Nitroaniline		990000	U	5000	990000
Nitrobenzene		160000	U	10000	160000
N-Nitrosodi-n-propylamine		160000	U	11000	160000
N-Nitrosodiphenylamine		160000	U	8800	160000
Phenanthrene		260000		7700	160000

Enns  
 10/27/09  
 08/11/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

**Client Sample ID: WWSB-25 (34-35)**

Lab Sample ID: 220-9753-8

Date Sampled: 07/28/2009 1210

Client Matrix: Solid

% Moisture: 13.9

Date Received: 07/30/2009 1900

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-30142	Instrument ID: MSA
Preparation: 3541	Prep Batch: 220-29807	Lab File ID: A6735.D
Dilution: 500		Initial Weight/Volume: 15.01 g
Date Analyzed: 08/17/2009 2258		Final Weight/Volume: 1 mL
Date Prepared: 08/06/2009 0848		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		95000	J J ✓	7400	160000
1,2,4-Trichlorobenzene		160000	U	10000	160000
4-Chloro-3-methylphenol		160000	U	6400	160000
2-Chlorophenol		160000	U	9100	160000
2-Methylphenol		160000	U	9400	160000
4-Methylphenol		160000	U	10000	160000
2,4-Dichlorophenol		160000	U	8400	160000
2,4-Dimethylphenol		160000	U	7600	160000
2,4-Dinitrophenol		990000	U	47000	990000
4,6-Dinitro-2-methylphenol		990000	U	67000	990000
2-Nitrophenol		160000	U	9900	160000
4-Nitrophenol		990000	U	12000	990000
Pentachlorophenol		990000	U	95000	990000
Phenol		160000	U	10000	160000
2,4,5-Trichlorophenol		990000	U	7900	990000
2,4,6-Trichlorophenol		160000	U	4300	160000
Benzyl alcohol		160000	U	15000	160000
4-Nitroaniline		160000	U	12000	160000
2,2'-oxybis[1-chloropropane]		160000	U	8100	160000

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	0	*	41 - 120
2-Fluorophenol	0	*	34 - 120
2,4,6-Tribromophenol	0	*	37 - 120
Nitrobenzene-d5	0	*	38 - 120
Phenol-d5	0	*	36 - 120
Terphenyl-d14	0	*	32 - 125

11/4/09  
 Emm  
 10/27/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

**Client Sample ID: WWSB-25 (52-53)**

Lab Sample ID: 220-9753-9

Date Sampled: 07/29/2009 1035

Client Matrix: Solid

% Moisture: 20.6

Date Received: 07/30/2009 1900

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-30013	Instrument ID: MSC
Preparation:	3541	Prep Batch: 220-29807	Lab File ID: C12764.D
Dilution:	1.0		Initial Weight/Volume: 15.03 g
Date Analyzed:	08/12/2009 2002		Final Weight/Volume: 1 mL
Date Prepared:	08/06/2009 0848		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		42	J J <sup>v</sup> ✓	20	340
Acenaphthylene		27	J J <sup>v</sup> ✓	17	340
Anthracene		29	J J <sup>v</sup> ✓	13	340
Benzo[a]anthracene		25	J J <sup>v</sup> ✓	12	340
Benzo[a]pyrene		340	U	9.2	340
Benzo[b]fluoranthene		340	U	9.1	340
Benzo[g,h,i]perylene		340	U	22	340
Benzo[k]fluoranthene		340	U	30	340
Bis(2-chloroethoxy)methane		340	U	16	340
Bis(2-chloroethyl)ether		340	U	18	340
Bis(2-ethylhexyl) phthalate		58	J J <sup>v</sup> ✓	33	340
Butyl benzyl phthalate		340	U	19	340
Carbazole		340	U	19	340
Chrysene		340	U	25	340
Di-n-butyl phthalate		340	U	49	340
Di-n-octyl phthalate		340	U	19	340
4-Bromophenyl phenyl ether		340	U	22	340
4-Chloroaniline		340	U	55	340
2-Chloronaphthalene		340	U	14	340
4-Chlorophenyl phenyl ether		340	U	25	340
Dibenz(a,h)anthracene		340	U	27	340
Dibenzofuran		340	U	24	340
Diethyl phthalate		340	U	34	340
Dimethyl phthalate		340	U	19	340
1,2-Dichlorobenzene		340	U	20	340
1,3-Dichlorobenzene		340	U	17	340
1,4-Dichlorobenzene		340	U	20	340
3,3'-Dichlorobenzidine		840	U	70	840
2,4-Dinitrotoluene		340	U	27	340
2,6-Dinitrotoluene		340	U	9.9	340
Fluoranthene		30	J J <sup>v</sup> ✓	17	340
Fluorene		34	J J <sup>v</sup> ✓	20	340
Hexachlorobenzene		340	U	24	340
Hexachlorobutadiene		340	U	26	340
Hexachlorocyclopentadiene		840	U	160	840
Hexachloroethane		340	U	19	340
Indeno[1,2,3-cd]pyrene		340	U	22	340
Isophorone		340	U	19	340
2-Methylnaphthalene		170	J J <sup>v</sup> ✓	9.7	340
Naphthalene		330	J J <sup>v</sup> ✓	18	340
2-Nitroaniline		2100	U	21	2100
3-Nitroaniline		2100	U	11	2100
Nitrobenzene		340	U	22	340
N-Nitrosodi-n-propylamine		340	U	23	340
N-Nitrosodiphenylamine		340	U	19	340
Phenanthrene		120	J J <sup>v</sup> ✓	17	340

JS 11/4/09  
 EMS  
 10/27/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

**Client Sample ID: WWSB-25 (52-53)**

Lab Sample ID: 220-9753-9

Date Sampled: 07/29/2009 1035

Client Matrix: Solid

% Moisture: 20.6

Date Received: 07/30/2009 1900

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-30013	Instrument ID: MSC	
Preparation: 3541	Prep Batch: 220-29807	Lab File ID: C12764.D	
Dilution: 1.0		Initial Weight/Volume: 15.03 g	
Date Analyzed: 08/12/2009 2002		Final Weight/Volume: 1 mL	
Date Prepared: 08/06/2009 0848		Injection Volume: 1.0 uL	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		48	J J✓	16	340
1,2,4-Trichlorobenzene		340	U	22	340
4-Chloro-3-methylphenol		340	U	14	340
2-Chlorophenol		340	U	20	340
2-Methylphenol		340	U	20	340
4-Methylphenol		340	U	22	340
2,4-Dichlorophenol		340	U	18	340
2,4-Dimethylphenol		340	U	16	340
2,4-Dinitrophenol		2100	U	100	2100
4,6-Dinitro-2-methylphenol		2100	U	150	2100
2-Nitrophenol		340	U	21	340
4-Nitrophenol		2100	U	26	2100
Pentachlorophenol		2100	U	210	2100
Phenol		340	U	23	340
2,4,5-Trichlorophenol		2100	U	17	2100
2,4,6-Trichlorophenol		340	U	9.3	340
Benzyl alcohol		340	U	32	340
4-Nitroaniline		340	U	26	340
2,2'-oxybis[1-chloropropane]		340	U	18	340

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	75		41 - 120
2-Fluorophenol	75		34 - 120
2,4,6-Tribromophenol	70		37 - 120
Nitrobenzene-d5	74		38 - 120
Phenol-d5	72		36 - 120
Terphenyl-d14	71		32 - 125

OS 11/4/09  
 EMS  
 10/27/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

Client Sample ID: **WWSB-26 (1-4)**

Lab Sample ID: 220-9753-10

Date Sampled: 07/29/2009 1400

Client Matrix: Solid

% Moisture: 15.2

Date Received: 07/30/2009 1900

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-30013	Instrument ID: MSC
Preparation:	3541	Prep Batch: 220-29807	Lab File ID: C12765.D
Dilution:	1.0		Initial Weight/Volume: 15.05 g
Date Analyzed:	08/12/2009 2029		Final Weight/Volume: 1 mL
Date Prepared:	08/06/2009 0848		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		120	J J ✓	19	320
Acenaphthylene		320	U	16	320
Anthracene		320		12	320
Benzo[a]anthracene		2000		11	320
Benzo[a]pyrene		3600		8.6	320
Benzo[b]fluoranthene		3000		8.5	320
Benzo[g,h,i]perylene		2000		21	320
Benzo[k]fluoranthene		1200		28	320
Bis(2-chloroethoxy)methane		320	U	15	320
Bis(2-chloroethyl)ether		320	U	16	320
Bis(2-ethylhexyl) phthalate		120	J J ✓	31	320
Butyl benzyl phthalate		320	U	18	320
Carbazole		180	J J ✓	18	320
Chrysene		1900		23	320
Di-n-butyl phthalate		320	U	46	320
Di-n-octyl phthalate		320	U	18	320
4-Bromophenyl phenyl ether		320	U	20	320
4-Chloroaniline		320	U	52	320
2-Chloronaphthalene		320	U	14	320
4-Chlorophenyl phenyl ether		320	U	23	320
Dibenz(a,h)anthracene		730		25	320
Dibenzofuran		63	J J ✓	22	320
Diethyl phthalate		320	U	32	320
Dimethyl phthalate		320	U	18	320
1,2-Dichlorobenzene		320	U	19	320
1,3-Dichlorobenzene		320	U	16	320
1,4-Dichlorobenzene		320	U	19	320
3,3'-Dichlorobenzidine		790	U	65	790
2,4-Dinitrotoluene		320	U	25	320
2,6-Dinitrotoluene		320	U	9.3	320
Fluoranthene		1300		16	320
Fluorene		100	J J ✓	19	320
Hexachlorobenzene		320	U	22	320
Hexachlorobutadiene		320	U	24	320
Hexachlorocyclopentadiene		790	U	150	790
Hexachloroethane		320	U	18	320
Indeno[1,2,3-cd]pyrene		2100		21	320
Isophorone		320	U	18	320
2-Methylnaphthalene		150	J J ✓	9.1	320
Naphthalene	320 U.	<del>180</del>	J ✓	16	320
2-Nitroaniline		2000	U	19	2000
3-Nitroaniline		2000	U	10	2000
Nitrobenzene		320	U	20	320
N-Nitrosodi-n-propylamine		320	U	21	320
N-Nitrosodiphenylamine		320	U	18	320
Phenanthrene		750		16	320

08/11/09  
 BMM  
 10/27/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

**Client Sample ID: WWSB-26 (1-4)**

Lab Sample ID: 220-9753-10

Date Sampled: 07/29/2009 1400

Client Matrix: Solid

% Moisture: 15.2

Date Received: 07/30/2009 1900

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-30013	Instrument ID: MSC
Preparation:	3541	Prep Batch: 220-29807	Lab File ID: C12765.D
Dilution:	1.0		Initial Weight/Volume: 15.05 g
Date Analyzed:	08/12/2009 2029		Final Weight/Volume: 1 mL
Date Prepared:	08/06/2009 0848		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		1300		15	320
1,2,4-Trichlorobenzene		320	U	21	320
4-Chloro-3-methylphenol		320	U	13	320
2-Chlorophenol		320	U	18	320
2-Methylphenol		320	U	19	320
4-Methylphenol		320	U	21	320
2,4-Dichlorophenol		320	U	17	320
2,4-Dimethylphenol		320	U	15	320
2,4-Dinitrophenol		2000	U	95	2000
4,6-Dinitro-2-methylphenol		2000	U	140	2000
2-Nitrophenol		320	U	20	320
4-Nitrophenol		2000	U	24	2000
Pentachlorophenol		2000	U	190	2000
Phenol		320	U	21	320
2,4,5-Trichlorophenol		2000	U	16	2000
2,4,6-Trichlorophenol		320	U	8.7	320
Benzyl alcohol		320	U	30	320
4-Nitroaniline		320	U	24	320
2,2'-oxybis[1-chloropropane]		320	U	16	320

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	79		41 - 120
2-Fluorophenol	78		34 - 120
2,4,6-Tribromophenol	57		37 - 120
Nitrobenzene-d5	74		38 - 120
Phenol-d5	69		36 - 120
Terphenyl-d14	66		32 - 125

*GS 11/14/09*  
*Emm*  
*10/27/09*



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

**Client Sample ID: WWSB-XX (1-3)**

Lab Sample ID: 220-9753-11

Date Sampled: 07/29/2009 1410

Client Matrix: Solid

% Moisture: 25.7

Date Received: 07/30/2009 1900

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-30163	Instrument ID: MSC
Preparation: 3541	Prep Batch: 220-29807	Lab File ID: C12885.D
Dilution: 1.0		Initial Weight/Volume: 15.05 g
Date Analyzed: 08/18/2009 2021		Final Weight/Volume: 1 mL
Date Prepared: 08/06/2009 0848		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		160	J J✓	21	360
Acenaphthylene		360	U	18	360
Anthracene		440		14	360
Benzo[a]anthracene		2600		13	360
Benzo[a]pyrene		3900		9.8	360
Benzo[b]fluoranthene		3400		9.7	360
Benzo[g,h,i]perylene		2400		24	360
Benzo[k]fluoranthene		1400		32	360
Bis(2-chloroethoxy)methane		360	U	17	360
Bis(2-chloroethyl)ether		360	U	19	360
Bis(2-ethylhexyl) phthalate		520		35	360
Butyl benzyl phthalate		360	U	20	360
Carbazole		250	J J✓	20	360
Chrysene		2400		27	360
Di-n-butyl phthalate		360	U	53	360
Di-n-octyl phthalate		360	U	21	360
4-Bromophenyl phenyl ether		360	U	23	360
4-Chloroaniline		360	U	59	360
2-Chloronaphthalene		360	U	15	360
4-Chlorophenyl phenyl ether		360	U	27	360
Dibenz(a,h)anthracene		1100		28	360
Dibenzofuran		86	J J✓	25	360
Diethyl phthalate		360	U	36	360
Dimethyl phthalate		360	U	21	360
1,2-Dichlorobenzene		360	U	21	360
1,3-Dichlorobenzene		360	U	18	360
1,4-Dichlorobenzene		360	U	21	360
3,3'-Dichlorobenzidine		900	U	74	900
2,4-Dinitrotoluene		360	U	29	360
2,6-Dinitrotoluene		360	U	11	360
Fluoranthene		1700		18	360
Fluorene		150	J J✓	22	360
Hexachlorobenzene		360	U	25	360
Hexachlorobutadiene		360	U	28	360
Hexachlorocyclopentadiene		900	U	170	900
Hexachloroethane		360	U	21	360
Indeno[1,2,3-cd]pyrene		2900		23	360
Isophorone		360	U	20	360
2-Methylnaphthalene		230	J J✓	10	360
Naphthalene	3600	<del>230</del>	J ✓	19	360
2-Nitroaniline		2300	U	22	2300
3-Nitroaniline		2300	U	12	2300
Nitrobenzene		360	U	23	360
N-Nitrosodi-n-propylamine		360	U	24	360
N-Nitrosodiphenylamine		360	U	20	360
Phenanthrene		1000		18	360

QS 11/14/09  
 EMS  
 10/27/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

Client Sample ID: **WWSB-XX (1-3)**

Lab Sample ID: 220-9753-11

Date Sampled: 07/29/2009 1410

Client Matrix: Solid

% Moisture: 25.7


Date Received: 07/30/2009 1900

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-30163	Instrument ID: MSC
Preparation:	3541	Prep Batch: 220-29807	Lab File ID: C12885.D
Dilution:	1.0		Initial Weight/Volume: 15.05 g
Date Analyzed:	08/18/2009 2021		Final Weight/Volume: 1 mL
Date Prepared:	08/06/2009 0848		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		1600		17	360
1,2,4-Trichlorobenzene		360	U	24	360
4-Chloro-3-methylphenol		360	U	15	360
2-Chlorophenol		360	U	21	360
2-Methylphenol		360	U	22	360
4-Methylphenol		360	U	24	360
2,4-Dichlorophenol		360	U	19	360
2,4-Dimethylphenol		360	U	18	360
2,4-Dinitrophenol		2300	U	110	2300
4,6-Dinitro-2-methylphenol		2300	U	160	2300
2-Nitrophenol		360	U	23	360
4-Nitrophenol		2300	U	27	2300
Pentachlorophenol		2300	U	220	2300
Phenol		360	U	24	360
2,4,5-Trichlorophenol		2300	U	18	2300
2,4,6-Trichlorophenol		360	U	9.9	360
Benzyl alcohol		360	U	34	360
4-Nitroaniline		360	U	28	360
2,2'-oxybis[1-chloropropane]		360	U	19	360

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	75		41 - 120
2-Fluorophenol	69		34 - 120
2,4,6-Tribromophenol	75		37 - 120
Nitrobenzene-d5	71		38 - 120
Phenol-d5	70		36 - 120
Terphenyl-d14	75		32 - 125

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

**Client Sample ID: WWSB-26 (12-13)**

Lab Sample ID: 220-9753-12

Date Sampled: 07/29/2009 1430

Client Matrix: Solid

% Moisture: 22.9

Date Received: 07/30/2009 1900

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-30013	Instrument ID: MSC
Preparation:	3541	Prep Batch: 220-29807	Lab File ID: C12766.D
Dilution:	1.0		Initial Weight/Volume: 15.10 g
Date Analyzed:	08/12/2009 2055		Final Weight/Volume: 1 mL
Date Prepared:	08/06/2009 0848		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		160	J J✓	21	350
Acenaphthylene		350	U	17	350
Anthracene		220	J J✓	14	350
Benzo[a]anthracene		570		12	350
Benzo[a]pyrene		950		9.4	350
Benzo[b]fluoranthene		780		9.3	350
Benzo[g,h,i]perylene		490		23	350
Benzo[k]fluoranthene		320	J J✓	31	350
Bis(2-chloroethoxy)methane		350	U	16	350
Bis(2-chloroethyl)ether		350	U	18	350
Bis(2-ethylhexyl) phthalate		600		34	350
Butyl benzyl phthalate		350	U	19	350
Carbazole		45	J J✓	19	350
Chrysene		550		26	350
Di-n-butyl phthalate		350	U	51	350
Di-n-octyl phthalate		350	U	20	350
4-Bromophenyl phenyl ether		350	U	22	350
4-Chloroaniline		350	U	57	350
2-Chloronaphthalene		350	U	15	350
4-Chlorophenyl phenyl ether		350	U	26	350
Dibenz(a,h)anthracene		170	J J✓	27	350
Dibenzofuran		120	J J✓	24	350
Diethyl phthalate		350	U	35	350
Dimethyl phthalate		350	U	20	350
1,2-Dichlorobenzene		350	U	21	350
1,3-Dichlorobenzene		350	U	17	350
1,4-Dichlorobenzene		350	U	21	350
3,3'-Dichlorobenzidine		860	U	72	860
2,4-Dinitrotoluene		350	U	28	350
2,6-Dinitrotoluene		350	U	10	350
Fluoranthene		480		17	350
Fluorene		220	J J✓	21	350
Hexachlorobenzene		350	U	24	350
Hexachlorobutadiene		350	U	27	350
Hexachlorocyclopentadiene		860	U	160	860
Hexachloroethane		350	U	20	350
Indeno[1,2,3-cd]pyrene		510		23	350
Isophorone		350	U	19	350
2-Methylnaphthalene		2600		9.9	350
Naphthalene		<del>180</del>	J ✓	18	350
2-Nitroaniline	3500.	2200	U	21	2200
3-Nitroaniline		2200	U	11	2200
Nitrobenzene		350	U	22	350
N-Nitrosodi-n-propylamine		350	U	23	350
N-Nitrosodiphenylamine		350	U	20	350
Phenanthrene		520		17	350

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 EMS  
 10/27/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

**Client Sample ID: WWSB-26 (12-13)**

Lab Sample ID: 220-9753-12

Date Sampled: 07/29/2009 1430

Client Matrix: Solid

% Moisture: 22.9

Date Received: 07/30/2009 1900

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-30013	Instrument ID: MSC
Preparation:	3541	Prep Batch: 220-29807	Lab File ID: C12766.D
Dilution:	1.0		Initial Weight/Volume: 15.10 g
Date Analyzed:	08/12/2009 2055		Final Weight/Volume: 1 mL
Date Prepared:	08/06/2009 0848		Injection Volume: 1.0 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pyrene		550		16	350
1,2,4-Trichlorobenzene		350	U	23	350
4-Chloro-3-methylphenol		350	U	14	350
2-Chlorophenol		350	U	20	350
2-Methylphenol		350	U	21	350
4-Methylphenol		350	U	23	350
2,4-Dichlorophenol		350	U	19	350
2,4-Dimethylphenol		350	U	17	350
2,4-Dinitrophenol		2200	U	100	2200
4,6-Dinitro-2-methylphenol		2200	U	150	2200
2-Nitrophenol		350	U	22	350
4-Nitrophenol		2200	U	26	2200
Pentachlorophenol		2200	U	210	2200
Phenol		350	U	23	350
2,4,5-Trichlorophenol		2200	U	18	2200
2,4,6-Trichlorophenol		350	U	9.5	350
Benzyl alcohol		350	U	33	350
4-Nitroaniline		350	U	27	350
2,2'-oxybis[1-chloropropane]		350	U	18	350

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	72		41 - 120
2-Fluorophenol	78		34 - 120
2,4,6-Tribromophenol	76		37 - 120
Nitrobenzene-d5	102		38 - 120
Phenol-d5	73		36 - 120
Terphenyl-d14	66		32 - 125

*JS 11/4/09*  
*EMM*  
*10/27/09*



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

Client Sample ID: **WWFB-073009 A**

Lab Sample ID: 220-9753-14

Date Sampled: 07/30/2009 1330

Client Matrix: Water

Date Received: 07/30/2009 1900

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 220-29728	Instrument ID: MSC
Preparation:	3510C	Prep Batch: 220-29604	Lab File ID: C12606.D
Dilution:	1.0		Initial Weight/Volume: 960 mL
Date Analyzed:	08/04/2009 1524		Final Weight/Volume: 1 mL
Date Prepared:	07/31/2009 1020		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	4.2	U	0.32	4.2
Acenaphthylene	4.2	U	0.35	4.2
Anthracene	4.2	U	0.30	4.2
Benzo[a]anthracene	4.2	U	0.31	4.2
Benzo[a]pyrene	4.2	U	0.36	4.2
Benzo[b]fluoranthene	4.2	U ✓	0.38	4.2
Benzo[g,h,i]perylene	4.2	U	0.38	4.2
Benzo[k]fluoranthene	4.2	U ✓	0.42	4.2
Bis(2-chloroethoxy)methane	4.2	U	0.32	4.2
Bis(2-chloroethyl)ether	4.2	U	0.30	4.2
Bis(2-ethylhexyl) phthalate	4.2	U	0.56	4.2
Butyl benzyl phthalate	4.2	U	0.36	4.2
Carbazole	4.2	U	0.34	4.2
Chrysene	4.2	U	0.26	4.2
Di-n-butyl phthalate	4.2	U	0.36	4.2
Di-n-octyl phthalate	4.2	U	0.40	4.2
4-Bromophenyl phenyl ether	4.2	U	0.46	4.2
4-Chloroaniline	4.2	U	0.30	4.2
2-Chloronaphthalene	4.2	U	0.41	4.2
4-Chlorophenyl phenyl ether	4.2	U	0.36	4.2
Dibenz(a,h)anthracene	4.2	U	0.40	4.2
Dibenzofuran	4.2	U	0.45	4.2
Diethyl phthalate	4.2	U	0.45	4.2
Dimethyl phthalate	4.2	U	0.40	4.2
1,2-Dichlorobenzene	4.2	U	0.32	4.2
1,3-Dichlorobenzene	4.2	U	0.26	4.2
1,4-Dichlorobenzene	4.2	U	0.32	4.2
3,3'-Dichlorobenzidine	4.2	U	0.38	4.2
2,4-Dinitrotoluene	4.2	U	0.42	4.2
2,6-Dinitrotoluene	4.2	U	0.27	4.2
Fluoranthene	4.2	U	0.32	4.2
Fluorene	4.2	U	0.27	4.2
Hexachlorobenzene	4.2	U	0.34	4.2
Hexachlorobutadiene	4.2	U	0.21	4.2
Hexachlorocyclopentadiene	4.2	U	0.36	4.2
Hexachloroethane	4.2	U	0.39	4.2
Indeno[1,2,3-cd]pyrene	4.2	U* UJ ✓	0.29	4.2
Isophorone	4.2	U	0.32	4.2
2-Methylnaphthalene	4.2	U	0.28	4.2
Naphthalene	0.68	J J ✓	0.31	4.2
2-Nitroaniline	4.2	U	0.35	4.2
3-Nitroaniline	4.2	U	0.24	4.2
Nitrobenzene	4.2	U	0.29	4.2
N-Nitrosodi-n-propylamine	4.2	U	0.34	4.2
N-Nitrosodiphenylamine	4.2	U	0.34	4.2
Phenanthrene	4.2	U	0.29	4.2

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1  
Sdg Number: 220-9729

**Client Sample ID: WWFB-073009 A**

Lab Sample ID: 220-9753-14  
Client Matrix: Water

Date Sampled: 07/30/2009 1330  
Date Received: 07/30/2009 1900

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29728	Instrument ID: MSC	
Preparation: 3510C	Prep Batch: 220-29604	Lab File ID: C12606.D	
Dilution: 1.0		Initial Weight/Volume: 960 mL	
Date Analyzed: 08/04/2009 1524		Final Weight/Volume: 1 mL	
Date Prepared: 07/31/2009 1020		Injection Volume: 1.0 uL	

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	4.2	U	0.34	4.2
1,2,4-Trichlorobenzene	4.2	U	0.38	4.2
4-Chloro-3-methylphenol	5.2	U	0.35	5.2
2-Chlorophenol	4.2	U	0.24	4.2
2-Methylphenol	4.2	U	0.25	4.2
4-Methylphenol	4.2	U	0.30	4.2
2,4-Dichlorophenol	4.2	U	0.34	4.2
2,4-Dimethylphenol	4.2	U	0.34	4.2
2,4-Dinitrophenol	26	U	0.45	26
4,6-Dinitro-2-methylphenol	26	U	1.9	26
2-Nitrophenol	4.2	U	0.28	4.2
4-Nitrophenol	10	U	1.5	10
Pentachlorophenol	26	U	0.32	26
Phenol	4.2	U	0.20	4.2
2,4,5-Trichlorophenol	10	U	0.29	10
2,4,6-Trichlorophenol	4.2	U	0.39	4.2
Benzyl alcohol	0.84	J ✓	0.43	4.2
4-Nitroaniline	4.2	U	0.21	4.2
2,2'-oxybis[1-chloropropane]	4.2	U	0.26	4.2

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	54		39 - 120
2-Fluorophenol	25		13 - 120
2,4,6-Tribromophenol	56		36 - 120
Nitrobenzene-d5	54		40 - 120
Phenol-d5	20		10 - 120
Terphenyl-d14	53		10 - 120

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 10/27/09



## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

Client Sample ID: **WWFB-073009 B**

Lab Sample ID: 220-9753-15

Date Sampled: 07/30/2009 1345

Client Matrix: Water

Date Received: 07/30/2009 1900

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29728	Instrument ID: MSC
Preparation: 3510C	Prep Batch: 220-29604	Lab File ID: C12607.D
Dilution: 1.0		Initial Weight/Volume: 960 mL
Date Analyzed: 08/04/2009 1551		Final Weight/Volume: 1 mL
Date Prepared: 07/31/2009 1020		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	<del>4.2</del>	U R ✓	0.32	4.2
Acenaphthylene	<del>4.2</del>	U R ✓	0.35	4.2
Anthracene	<del>4.2</del>	U R ✓	0.30	4.2
Benzo[a]anthracene	<del>4.2</del>	U R ✓	0.31	4.2
Benzo[a]pyrene	<del>4.2</del>	U R ✓	0.36	4.2
Benzo[b]fluoranthene	<del>4.2</del>	U* R ✓	0.38	4.2
Benzo[g,h,i]perylene	<del>4.2</del>	U R ✓	0.38	4.2
Benzo[k]fluoranthene	<del>4.2</del>	U* R ✓	0.42	4.2
Bis(2-chloroethoxy)methane	<del>4.2</del>	U R ✓	0.32	4.2
Bis(2-chloroethyl)ether	<del>4.2</del>	U R ✓	0.30	4.2
Bis(2-ethylhexyl) phthalate	<del>4.2</del>	U R ✓	0.56	4.2
Butyl benzyl phthalate	<del>4.2</del>	U R ✓	0.36	4.2
Carbazole	<del>4.2</del>	U R ✓	0.34	4.2
Chrysene	<del>4.2</del>	U R ✓	0.26	4.2
Di-n-butyl phthalate	<del>4.2</del>	U R ✓	0.36	4.2
Di-n-octyl phthalate	<del>4.2</del>	U R ✓	0.40	4.2
4-Bromophenyl phenyl ether	<del>4.2</del>	U R ✓	0.46	4.2
4-Chloroaniline	<del>4.2</del>	U R ✓	0.30	4.2
2-Chloronaphthalene	<del>4.2</del>	U R ✓	0.41	4.2
4-Chlorophenyl phenyl ether	<del>4.2</del>	U R ✓	0.36	4.2
Dibenz(a,h)anthracene	<del>4.2</del>	U R ✓	0.40	4.2
Dibenzofuran	<del>4.2</del>	U R ✓	0.45	4.2
Diethyl phthalate	<del>4.2</del>	U R ✓	0.45	4.2
Dimethyl phthalate	<del>4.2</del>	U R ✓	0.40	4.2
1,2-Dichlorobenzene	<del>4.2</del>	U R ✓	0.32	4.2
1,3-Dichlorobenzene	<del>4.2</del>	U R ✓	0.26	4.2
1,4-Dichlorobenzene	<del>4.2</del>	U R ✓	0.32	4.2
3,3'-Dichlorobenzidine	<del>4.2</del>	U R ✓	0.38	4.2
2,4-Dinitrotoluene	<del>4.2</del>	U R ✓	0.42	4.2
2,6-Dinitrotoluene	<del>4.2</del>	U R ✓	0.27	4.2
Fluoranthene	<del>4.2</del>	U R ✓	0.32	4.2
Fluorene	<del>4.2</del>	U R ✓	0.27	4.2
Hexachlorobenzene	<del>4.2</del>	U R ✓	0.34	4.2
Hexachlorobutadiene	<del>4.2</del>	U R ✓	0.21	4.2
Hexachlorocyclopentadiene	<del>4.2</del>	U R ✓	0.36	4.2
Hexachloroethane	<del>4.2</del>	U R ✓	0.39	4.2
Indeno[1,2,3-cd]pyrene	<del>4.2</del>	U* R ✓	0.29	4.2
Isophorone	<del>4.2</del>	U R ✓	0.32	4.2
2-Methylnaphthalene	<del>4.2</del>	U R ✓	0.28	4.2
Naphthalene	<del>4.2</del>	U R ✓	0.31	4.2
2-Nitroaniline	<del>4.2</del>	U R ✓	0.35	4.2
3-Nitroaniline	<del>4.2</del>	U R ✓	0.24	4.2
Nitrobenzene	<del>4.2</del>	U R ✓	0.29	4.2
N-Nitrosodi-n-propylamine	<del>4.2</del>	U R ✓	0.34	4.2
N-Nitrosodiphenylamine	<del>4.2</del>	U R ✓	0.34	4.2
Phenanthrene	<del>4.2</del>	U R ✓	0.29	4.2

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## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

**Client Sample ID: WWFB-073009 B**

Lab Sample ID: 220-9753-15

Date Sampled: 07/30/2009 1345

Client Matrix: Water

Date Received: 07/30/2009 1900

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29728	Instrument ID: MSC
Preparation: 3510C	Prep Batch: 220-29604	Lab File ID: C12607.D
Dilution: 1.0		Initial Weight/Volume: 960 mL
Date Analyzed: 08/04/2009 1551		Final Weight/Volume: 1 mL
Date Prepared: 07/31/2009 1020		Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	<del>4.2</del>	U → R ✓	0.34	4.2
1,2,4-Trichlorobenzene	<del>4.2</del>	U → R ✓	0.38	4.2
4-Chloro-3-methylphenol	<del>5.2</del>	U → R ✓	0.35	5.2
2-Chlorophenol	<del>4.2</del>	U → R ✓	0.24	4.2
2-Methylphenol	<del>4.2</del>	U → R ✓	0.25	4.2
4-Methylphenol	<del>4.2</del>	U → R ✓	0.30	4.2
2,4-Dichlorophenol	<del>4.2</del>	U → R ✓	0.34	4.2
2,4-Dimethylphenol	<del>4.2</del>	U → R ✓	0.34	4.2
2,4-Dinitrophenol	<del>26</del>	U → R ✓	0.45	26
4,6-Dinitro-2-methylphenol	<del>26</del>	U → R ✓	1.9	26
2-Nitrophenol	<del>4.2</del>	U → R ✓	0.28	4.2
4-Nitrophenol	<del>10</del>	U → R ✓	1.5	10
Pentachlorophenol	<del>26</del>	U → R ✓	0.32	26
Phenol	<del>4.2</del>	U → R ✓	0.20	4.2
2,4,5-Trichlorophenol	<del>10</del>	U → R ✓	0.29	10
2,4,6-Trichlorophenol	<del>4.2</del>	U → R ✓	0.39	4.2
Benzyl alcohol	<del>4.2</del>	U → R ✓	0.43	4.2
4-Nitroaniline	<del>4.2</del>	U → R ✓	0.21	4.2
2,2'-oxybis[1-chloropropane]	<del>4.2</del>	U → R ✓	0.26	4.2

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	30	*	39 - 120
2-Fluorophenol	2	*	13 - 120
2,4,6-Tribromophenol	76		36 - 120
Nitrobenzene-d5	9	*	40 - 120
Phenol-d5	5	*	10 - 120
Terphenyl-d14	76		10 - 120

  
 11/4/09  
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 10/27/09

## Analytical Data

Client: GEI Consultants, Inc.

Job Number: 220-9729-1

Sdg Number: 220-9729

**Client Sample ID: WWFB-073009 B**

Lab Sample ID: 220-9753-15

Date Sampled: 07/30/2009 1345

Client Matrix: Water

Date Received: 07/30/2009 1900

### 8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C	Analysis Batch: 220-29983	Instrument ID: MSA	
Preparation: 3510C	Prep Batch: 220-29859	Lab File ID: A6630.D	
Dilution: 1.0		Initial Weight/Volume: 960 mL	
Date Analyzed: 08/11/2009 2232	Run Type: RE	Final Weight/Volume: 1 mL	
Date Prepared: 08/07/2009 0939		Injection Volume: 1.0 uL	

✓  
Report this analysis

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	4.2	UH UJ ✓	0.32	4.2
Acenaphthylene	4.2	UH UJ ✓	0.35	4.2
Anthracene	4.2	UH UJ ✓	0.30	4.2
Benzo[a]anthracene	4.2	UH UJ ✓	0.31	4.2
Benzo[a]pyrene	4.2	UH UJ ✓	0.36	4.2
Benzo[b]fluoranthene	4.2	UH UJ ✓	0.38	4.2
Benzo[g,h,i]perylene	4.2	UH UJ ✓	0.38	4.2
Benzo[k]fluoranthene	4.2	UH UJ ✓	0.42	4.2
Bis(2-chloroethoxy)methane	4.2	UH UJ ✓	0.32	4.2
Bis(2-chloroethyl)ether	4.2	UH UJ ✓	0.30	4.2
Bis(2-ethylhexyl) phthalate	4.2	UH UJ ✓	0.56	4.2
Butyl benzyl phthalate	4.2	UH UJ ✓	0.36	4.2
Carbazole	4.2	UH UJ ✓	0.34	4.2
Chrysene	4.2	UH UJ ✓	0.26	4.2
Di-n-butyl phthalate	4.2	UH UJ ✓	0.36	4.2
Di-n-octyl phthalate	4.2	UH UJ ✓	0.40	4.2
4-Bromophenyl phenyl ether	4.2	UH UJ ✓	0.46	4.2
4-Chloroaniline	4.2	UH UJ ✓	0.30	4.2
2-Chloronaphthalene	4.2	UH UJ ✓	0.41	4.2
4-Chlorophenyl phenyl ether	4.2	UH UJ ✓	0.36	4.2
Dibenz(a,h)anthracene	4.2	UH UJ ✓	0.40	4.2
Dibenzofuran	4.2	UH UJ ✓	0.45	4.2
Diethyl phthalate	4.2	UH UJ ✓	0.45	4.2
Dimethyl phthalate	4.2	UH UJ ✓	0.40	4.2
1,2-Dichlorobenzene	4.2	UH UJ ✓	0.32	4.2
1,3-Dichlorobenzene	4.2	UH UJ ✓	0.26	4.2
1,4-Dichlorobenzene	4.2	UH UJ ✓	0.32	4.2
3,3'-Dichlorobenzidine	4.2	UH UJ ✓	0.38	4.2
2,4-Dinitrotoluene	4.2	UH UJ ✓	0.42	4.2
2,6-Dinitrotoluene	4.2	UH UJ ✓	0.27	4.2
Fluoranthene	4.2	UH UJ ✓	0.32	4.2
Fluorene	4.2	UH UJ ✓	0.27	4.2
Hexachlorobenzene	4.2	UH UJ ✓	0.34	4.2
Hexachlorobutadiene	4.2	UH UJ ✓	0.21	4.2
Hexachlorocyclopentadiene	4.2	UH UJ ✓	0.36	4.2
Hexachloroethane	4.2	UH UJ ✓	0.39	4.2
Indeno[1,2,3-cd]pyrene	4.2	UH UJ ✓	0.29	4.2
Isophorone	4.2	UH UJ ✓	0.32	4.2
2-Methylnaphthalene	4.2	UH UJ ✓	0.28	4.2
Naphthalene	4.2	UH UJ ✓	0.31	4.2
2-Nitroaniline	4.2	UH UJ ✓	0.35	4.2
3-Nitroaniline	4.2	UH UJ ✓	0.24	4.2
Nitrobenzene	4.2	UH UJ ✓	0.29	4.2
N-Nitrosodi-n-propylamine	4.2	UH UJ ✓	0.34	4.2
N-Nitrosodiphenylamine	4.2	UH UJ ✓	0.34	4.2
Phenanthrene	4.2	UH UJ ✓	0.29	4.2

of 11/4/09  
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