Semivolatile Organic Compounds by GC/MS

Client: **ARCADIS U.S., Inc.**
Laboratory ID: **LA15023-014**
Description: **H18-SB14(011410)(3-4)**
Matrix: **Solid**
Date Sampled: **01/14/2010 1450**
% Solids: **70.7** **01/15/2010 1943**
Date Received: **01/15/2010**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	01/25/2010 1901	JGH	01/19/2010 1136	25580

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270D	ND		92	15	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		92	14	ug/kg	1
Acetophenone	98-86-2	8270D	ND		92	25	ug/kg	1
Anthracene	120-12-7	8270D	ND		92	10	ug/kg	1
Atrazine	1912-24-9	8270D	ND		92	23	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		92	23	ug/kg	1
Benzo(a)anthracene	56-55-3	8270D	ND		92	12	ug/kg	1
Benzo(a)pyrene	50-32-8	8270D	ND		92	13	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		92	13	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		92	16	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		92	13	ug/kg	1
1,1'-Biphenyl	92-52-4	8270D	ND		92	14	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		92	13	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		180	61	ug/kg	1
Caprolactam	105-60-2	8270D	ND		92	23	ug/kg	1
Carbazole	86-74-8	8270D	ND		92	20	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		92	12	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		92	9.3	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		92	14	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		92	13	ug/kg	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		92	15	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		92	15	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		92	13	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		92	16	ug/kg	1
Chrysene	218-01-9	8270D	ND		92	15	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		92	13	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		92	14	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		450	50	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		92	14	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		92	30	ug/kg	1
Dimethyl phthalate	131-11-3	8270D	ND		92	30	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		92	17	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270D	ND		92	30	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		450	180	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		450	160	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		180	25	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		180	24	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		92	44	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		92	30	ug/kg	1
Fluoranthene	206-44-0	8270D	ND		92	15	ug/kg	1
Fluorene	86-73-7	8270D	ND		92	12	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		92	20	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		92	15	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		450	34	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Semivolatile Organic Compounds by GC/MS

Client: **ARCADIS U.S., Inc.**
Laboratory ID: **LA15023-014**
Description: **H18-SB14(011410)(3-4)**
Matrix: **Solid**
Date Sampled: **01/14/2010 1450**
% Solids: **70.7** **01/15/2010 1943**
Date Received: **01/15/2010**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	01/25/2010 1901	JGH	01/19/2010 1136	25580

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		92	12	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		92	13	ug/kg	1
Isophorone	78-59-1	8270D	ND		92	10	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		92	14	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		92	8.3	ug/kg	1
3 & 4-Methylphenol	106-44-5	8270D	ND		180	16	ug/kg	1
Naphthalene	91-20-3	8270D	ND		92	14	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		180	31	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		180	53	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		180	26	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		92	7.4	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		180	25	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		450	130	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		92	18	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		92	11	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		450	190	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		92	12	ug/kg	1
Phenol	108-95-2	8270D	ND		92	12	ug/kg	1
Pyrene	129-00-0	8270D	ND		92	18	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		92	13	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		92	14	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2-Fluorobiphenyl		68	33-102
2-Fluorophenol		57	28-104
Nitrobenzene-d5		56	22-109
Phenol-d5		52	27-103
Terphenyl-d14		76	41-120
2,4,6-Tribromophenol		83	30-117

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: **ARCADIS U.S., Inc.**
Laboratory ID: **LA15023-015**
Description: **H18-SB15(011410)(3-4)**
Matrix: **Solid**
Date Sampled: **01/14/2010 1510**
% Solids: **81.6** **01/15/2010 1943**
Date Received: **01/15/2010**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	01/19/2010 0230	DLB		25567	9.89

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	**67-64-1**	**8260B**	**24**		**12**	**4.1**	**ug/kg**	**1**
Benzene	71-43-2	8260B	ND		3.1	0.68	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		3.1	1.1	ug/kg	1
Bromoform	75-25-2	8260B	ND		3.1	0.43	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		3.1	1.1	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		6.2	1.5	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		3.1	0.81	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		3.1	1.1	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		3.1	1.1	ug/kg	1
Chloroethane	75-00-3	8260B	ND		3.1	0.81	ug/kg	1
Chloroform	67-66-3	8260B	ND		3.1	0.51	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		3.1	0.62	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		3.1	0.42	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		3.1	0.93	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		3.1	1.1	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		3.1	0.53	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		3.1	1.1	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		3.1	1.1	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		3.1	1.1	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		3.1	0.99	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		3.1	0.45	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		3.1	0.62	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		3.1	1.1	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		3.1	0.47	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		3.1	0.93	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		3.1	0.56	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		3.1	0.42	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		3.1	0.51	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		3.1	1.1	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		6.2	0.81	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		3.1	0.50	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		3.1	0.41	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		3.1	0.25	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		6.2	0.93	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		3.1	0.38	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		3.1	1.6	ug/kg	1
Styrene	100-42-5	8260B	ND		3.1	0.68	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		3.1	0.29	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		3.1	1.4	ug/kg	1
Toluene	108-88-3	8260B	ND		3.1	1.1	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		3.1	1.3	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		3.1	1.1	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		3.1	0.53	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		3.1	0.49	ug/kg	1

PQL = Practical quantitation limit
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E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: **ARCADIS U.S., Inc.**
Laboratory ID: **LA15023-015**
Description: **H18-SB15(011410)(3-4)**
Matrix: **Solid**
Date Sampled: **01/14/2010 1510**
% Solids: **81.6** **01/15/2010 1943**
Date Received: **01/15/2010**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	01/19/2010 0230	DLB		25567	9.89

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		3.1	1.2	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		3.1	0.93	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		3.1	0.53	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		3.1	1.8	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		93	53-142
Bromofluorobenzene		120	47-138
Toluene-d8		105	68-124

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
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Semivolatile Organic Compounds by GC/MS

Client: **ARCADIS U.S., Inc.**
Laboratory ID: **LA15023-015**
Description: **H18-SB15(011410)(3-4)**
Matrix: **Solid**
Date Sampled: **01/14/2010 1510**
% Solids: **81.6** **01/15/2010 1943**
Date Received: **01/15/2010**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	01/25/2010 1922	JGH	01/19/2010 1136	25580

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270D	ND		80	13	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		80	12	ug/kg	1
Acetophenone	98-86-2	8270D	ND		80	22	ug/kg	1
Anthracene	120-12-7	8270D	ND		80	8.8	ug/kg	1
Atrazine	1912-24-9	8270D	ND		80	20	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		80	20	ug/kg	1
Benzo(a)anthracene	56-55-3	8270D	ND		80	11	ug/kg	1
Benzo(a)pyrene	50-32-8	8270D	ND		80	11	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		80	11	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		80	14	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		80	11	ug/kg	1
1,1'-Biphenyl	92-52-4	8270D	ND		80	12	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		80	12	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		160	53	ug/kg	1
Caprolactam	105-60-2	8270D	ND		80	20	ug/kg	1
Carbazole	86-74-8	8270D	ND		80	17	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		80	10	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		80	8.1	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		80	12	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		80	11	ug/kg	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		80	13	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		80	13	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		80	11	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		80	14	ug/kg	1
Chrysene	218-01-9	8270D	ND		80	13	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		80	11	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		80	13	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		400	43	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		80	12	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		80	26	ug/kg	1
Dimethyl phthalate	131-11-3	8270D	ND		80	26	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		80	15	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270D	ND		80	26	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		400	150	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		400	140	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		160	22	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		160	21	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		80	38	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		80	26	ug/kg	1
Fluoranthene	206-44-0	8270D	ND		80	13	ug/kg	1
Fluorene	86-73-7	8270D	ND		80	11	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		80	18	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		80	13	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		400	29	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Semivolatile Organic Compounds by GC/MS

Client: **ARCADIS U.S., Inc.**
Laboratory ID: **LA15023-015**
Description: **H18-SB15(011410)(3-4)**
Matrix: **Solid**
Date Sampled: **01/14/2010 1510**
% Solids: **81.6** **01/15/2010 1943**
Date Received: **01/15/2010**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	01/25/2010 1922	JGH	01/19/2010 1136	25580

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		80	11	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		80	12	ug/kg	1
Isophorone	78-59-1	8270D	ND		80	8.8	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		80	12	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		80	7.2	ug/kg	1
3 & 4-Methylphenol	106-44-5	8270D	ND		160	14	ug/kg	1
Naphthalene	91-20-3	8270D	ND		80	12	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		160	27	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		160	46	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		160	23	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		80	6.4	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		160	22	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		400	120	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		80	15	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		80	9.9	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		400	170	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		80	11	ug/kg	1
Phenol	108-95-2	8270D	ND		80	11	ug/kg	1
Pyrene	129-00-0	8270D	ND		80	16	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		80	11	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		80	12	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2-Fluorobiphenyl		54	33-102
2-Fluorophenol		70	28-104
Nitrobenzene-d5		44	22-109
Phenol-d5		57	27-103
Terphenyl-d14		63	41-120
2,4,6-Tribromophenol		62	30-117

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

QC Summary

Volatile Organic Compounds by GC/MS - MB

Sample ID: LQ25504-001
Batch: 25504
Analytical Method: 8260B
Matrix: Solid
Prep Method: 5035

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	20	6.7	ug/kg	01/18/2010 1336
Benzene	ND		1	5.0	1.1	ug/kg	01/18/2010 1336
Bromodichloromethane	ND		1	5.0	1.7	ug/kg	01/18/2010 1336
Bromoform	ND		1	5.0	0.70	ug/kg	01/18/2010 1336
Bromomethane (Methyl bromide)	ND		1	5.0	1.8	ug/kg	01/18/2010 1336
2-Butanone (MEK)	ND		1	10	2.4	ug/kg	01/18/2010 1336
Carbon disulfide	ND		1	5.0	1.3	ug/kg	01/18/2010 1336
Carbon tetrachloride	ND		1	5.0	1.8	ug/kg	01/18/2010 1336
Chlorobenzene	ND		1	5.0	1.7	ug/kg	01/18/2010 1336
Chloroethane	ND		1	5.0	1.3	ug/kg	01/18/2010 1336
Chloroform	ND		1	5.0	0.83	ug/kg	01/18/2010 1336
Chloromethane (Methyl chloride)	ND		1	5.0	1.0	ug/kg	01/18/2010 1336
Cyclohexane	ND		1	5.0	0.67	ug/kg	01/18/2010 1336
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	5.0	1.5	ug/kg	01/18/2010 1336
Dibromochloromethane	ND		1	5.0	1.7	ug/kg	01/18/2010 1336
1,2-Dibromoethane (EDB)	ND		1	5.0	0.85	ug/kg	01/18/2010 1336
1,4-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	01/18/2010 1336
1,3-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	01/18/2010 1336
1,2-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	01/18/2010 1336
Dichlorodifluoromethane	ND		1	5.0	1.6	ug/kg	01/18/2010 1336
1,2-Dichloroethane	ND		1	5.0	1.0	ug/kg	01/18/2010 1336
1,1-Dichloroethane	ND		1	5.0	0.73	ug/kg	01/18/2010 1336
trans-1,2-Dichloroethene	ND		1	5.0	1.5	ug/kg	01/18/2010 1336
cis-1,2-Dichloroethene	ND		1	5.0	0.76	ug/kg	01/18/2010 1336
1,1-Dichloroethene	ND		1	5.0	1.7	ug/kg	01/18/2010 1336
1,2-Dichloropropane	ND		1	5.0	0.91	ug/kg	01/18/2010 1336
trans-1,3-Dichloropropene	ND		1	5.0	0.82	ug/kg	01/18/2010 1336
cis-1,3-Dichloropropene	ND		1	5.0	0.68	ug/kg	01/18/2010 1336
Ethylbenzene	ND		1	5.0	1.7	ug/kg	01/18/2010 1336
2-Hexanone	ND		1	10	1.3	ug/kg	01/18/2010 1336
Isopropylbenzene	ND		1	5.0	0.80	ug/kg	01/18/2010 1336
Methyl acetate	ND		1	5.0	0.67	ug/kg	01/18/2010 1336
Methyl tertiary butyl ether (MTBE)	ND		1	5.0	0.40	ug/kg	01/18/2010 1336
4-Methyl-2-pentanone	ND		1	10	1.5	ug/kg	01/18/2010 1336
Methylcyclohexane	ND		1	5.0	0.61	ug/kg	01/18/2010 1336
Methylene chloride	ND		1	5.0	2.6	ug/kg	01/18/2010 1336
Styrene	ND		1	5.0	1.1	ug/kg	01/18/2010 1336
1,1,2,2-Tetrachloroethane	ND		1	5.0	0.47	ug/kg	01/18/2010 1336
Tetrachloroethene	ND		1	5.0	2.3	ug/kg	01/18/2010 1336
Toluene	ND		1	5.0	1.7	ug/kg	01/18/2010 1336
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	5.0	2.1	ug/kg	01/18/2010 1336
1,2,4-Trichlorobenzene	ND		1	5.0	1.7	ug/kg	01/18/2010 1336
1,1,2-Trichloroethane	ND		1	5.0	0.79	ug/kg	01/18/2010 1336
1,1,1-Trichloroethane	ND		1	5.0	0.85	ug/kg	01/18/2010 1336

PQL = Practical quantitation limit
P = The RPD between two GC columns exceeds 40%
N - Recovery is out of criteria
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
+ - RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: LQ25504-001
Batch: 25504
Analytical Method: 8260B
Matrix: Solid
Prep Method: 5035

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	5.0	1.9	ug/kg	01/18/2010 1336
Trichlorofluoromethane	ND		1	5.0	1.5	ug/kg	01/18/2010 1336
Vinyl chloride	ND		1	5.0	0.86	ug/kg	01/18/2010 1336
Xylenes (total)	ND		1	5.0	2.9	ug/kg	01/18/2010 1336

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		120	47-138
1,2-Dichloroethane-d4		91	53-142
Toluene-d8		108	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: LQ25504-002
Batch: 25504
Analytical Method: 8260B
Matrix: Solid
Prep Method: 5035

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	140		1	140	42-149	01/18/2010 1203
Benzene	50	51		1	102	69-123	01/18/2010 1203
Bromodichloromethane	50	50		1	101	69-121	01/18/2010 1203
Bromoform	50	50		1	100	61-119	01/18/2010 1203
Bromomethane (Methyl bromide)	50	51		1	103	35-144	01/18/2010 1203
2-Butanone (MEK)	100	110		1	112	57-148	01/18/2010 1203
Carbon disulfide	50	56		1	111	58-122	01/18/2010 1203
Carbon tetrachloride	50	52		1	104	58-136	01/18/2010 1203
Chlorobenzene	50	49		1	99	59-129	01/18/2010 1203
Chloroethane	50	52		1	104	50-132	01/18/2010 1203
Chloroform	50	49		1	97	71-125	01/18/2010 1203
Chloromethane (Methyl chloride)	50	63		1	126	34-134	01/18/2010 1203
Cyclohexane	50	50		1	100	53-139	01/18/2010 1203
1,2-Dibromo-3-chloropropane (DBCP)	50	43		1	86	55-125	01/18/2010 1203
Dibromochloromethane	50	50		1	99	66-119	01/18/2010 1203
1,2-Dibromoethane (EDB)	50	48		1	96	74-124	01/18/2010 1203
1,4-Dichlorobenzene	50	48		1	97	52-133	01/18/2010 1203
1,3-Dichlorobenzene	50	49		1	97	51-134	01/18/2010 1203
1,2-Dichlorobenzene	50	47		1	95	57-131	01/18/2010 1203
Dichlorodifluoromethane	50	54		1	109	10-157	01/18/2010 1203
1,2-Dichloroethane	50	49		1	99	67-129	01/18/2010 1203
1,1-Dichloroethane	50	50		1	100	71-127	01/18/2010 1203
trans-1,2-Dichloroethene	50	51		1	102	68-131	01/18/2010 1203
cis-1,2-Dichloroethene	50	49		1	98	70-122	01/18/2010 1203
1,1-Dichloroethene	50	51		1	103	69-138	01/18/2010 1203
1,2-Dichloropropane	50	50		1	100	72-124	01/18/2010 1203
trans-1,3-Dichloropropene	50	48		1	95	70-124	01/18/2010 1203
cis-1,3-Dichloropropene	50	49		1	99	70-126	01/18/2010 1203
Ethylbenzene	50	49		1	98	59-128	01/18/2010 1203
2-Hexanone	100	100		1	104	54-137	01/18/2010 1203
Isopropylbenzene	50	47		1	94	50-136	01/18/2010 1203
Methyl acetate	50	47		1	94	59-137	01/18/2010 1203
Methyl tertiary butyl ether (MTBE)	50	50		1	101	72-122	01/18/2010 1203
4-Methyl-2-pentanone	100	100		1	102	60-134	01/18/2010 1203
Methylcyclohexane	50	53		1	106	41-144	01/18/2010 1203
Methylene chloride	50	50		1	100	77-129	01/18/2010 1203
Styrene	50	51		1	102	54-136	01/18/2010 1203
1,1,2,2-Tetrachloroethane	50	44		1	89	69-132	01/18/2010 1203
Tetrachloroethene	50	51		1	102	70-130	01/18/2010 1203
Toluene	50	51		1	102	61-129	01/18/2010 1203
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	47		1	95	49-136	01/18/2010 1203
1,2,4-Trichlorobenzene	50	50		1	99	34-145	01/18/2010 1203
1,1,2-Trichloroethane	50	46		1	92	55-128	01/18/2010 1203
1,1,1-Trichloroethane	50	50		1	100	63-128	01/18/2010 1203

PQL = Practical quantitation limit
P = The RPD between two GC columns exceeds 40%
N - Recovery is out of criteria
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
+ - RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: LQ25504-002
Batch: 25504
Analytical Method: 8260B
Matrix: Solid
Prep Method: 5035

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	53		1	106	62-126	01/18/2010 1203
Trichlorofluoromethane	50	52		1	104	45-138	01/18/2010 1203
Vinyl chloride	50	54		1	107	42-132	01/18/2010 1203
Xylenes (total)	100	97		1	97	58-128	01/18/2010 1203

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		126	47-138
1,2-Dichloroethane-d4		91	53-142
Toluene-d8		109	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: LQ25504-003
Batch: 25504
Analytical Method: 8260B
Matrix: Solid
Prep Method: 5035

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	100	+	1	102	31	42-149	20	01/18/2010 1226
Benzene	50	51		1	101	0.86	69-123	20	01/18/2010 1226
Bromodichloromethane	50	50		1	101	0.35	69-121	20	01/18/2010 1226
Bromoform	50	50		1	101	0.91	61-119	20	01/18/2010 1226
Bromomethane (Methyl bromide)	50	48		1	96	6.7	35-144	20	01/18/2010 1226
2-Butanone (MEK)	100	110		1	108	3.1	57-148	20	01/18/2010 1226
Carbon disulfide	50	53		1	105	5.4	58-122	20	01/18/2010 1226
Carbon tetrachloride	50	51		1	102	1.4	58-136	20	01/18/2010 1226
Chlorobenzene	50	49		1	98	0.71	59-129	20	01/18/2010 1226
Chloroethane	50	48		1	97	7.6	50-132	20	01/18/2010 1226
Chloroform	50	49		1	97	0.38	71-125	20	01/18/2010 1226
Chloromethane (Methyl chloride)	50	49	+	1	99	24	34-134	20	01/18/2010 1226
Cyclohexane	50	50		1	101	1.2	53-139	20	01/18/2010 1226
1,2-Dibromo-3-chloropropane (DBCP)	50	45		1	89	3.4	55-125	20	01/18/2010 1226
Dibromochloromethane	50	50		1	100	1.1	66-119	20	01/18/2010 1226
1,2-Dibromoethane (EDB)	50	49		1	98	2.0	74-124	20	01/18/2010 1226
1,4-Dichlorobenzene	50	48		1	95	1.7	52-133	20	01/18/2010 1226
1,3-Dichlorobenzene	50	48		1	96	1.1	51-134	20	01/18/2010 1226
1,2-Dichlorobenzene	50	47		1	94	0.39	57-131	20	01/18/2010 1226
Dichlorodifluoromethane	50	50		1	100	8.5	10-157	20	01/18/2010 1226
1,2-Dichloroethane	50	50		1	100	0.82	67-129	20	01/18/2010 1226
1,1-Dichloroethane	50	49		1	99	0.70	71-127	20	01/18/2010 1226
trans-1,2-Dichloroethene	50	50		1	100	2.1	68-131	20	01/18/2010 1226
cis-1,2-Dichloroethene	50	48		1	97	0.58	70-122	20	01/18/2010 1226
1,1-Dichloroethene	50	49		1	98	4.9	69-138	20	01/18/2010 1226
1,2-Dichloropropane	50	50		1	100	0.76	72-124	20	01/18/2010 1226
trans-1,3-Dichloropropene	50	48		1	96	0.55	70-124	20	01/18/2010 1226
cis-1,3-Dichloropropene	50	50		1	99	0.57	70-126	20	01/18/2010 1226
Ethylbenzene	50	48		1	96	1.8	59-128	20	01/18/2010 1226
2-Hexanone	100	100		1	103	0.88	54-137	20	01/18/2010 1226
Isopropylbenzene	50	47		1	93	0.47	50-136	20	01/18/2010 1226
Methyl acetate	50	47		1	95	0.45	59-137	20	01/18/2010 1226
Methyl tertiary butyl ether (MTBE)	50	50		1	100	0.55	72-122	20	01/18/2010 1226
4-Methyl-2-pentanone	100	110		1	106	3.3	60-134	20	01/18/2010 1226
Methylcyclohexane	50	52		1	104	1.3	41-144	20	01/18/2010 1226
Methylene chloride	50	47		1	95	5.0	77-129	20	01/18/2010 1226
Styrene	50	51		1	101	0.80	54-136	20	01/18/2010 1226
1,1,2,2-Tetrachloroethane	50	45		1	91	2.2	69-132	20	01/18/2010 1226
Tetrachloroethene	50	49		1	99	2.9	70-130	20	01/18/2010 1226
Toluene	50	51		1	101	0.83	61-129	20	01/18/2010 1226
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	46		1	91	3.9	49-136	20	01/18/2010 1226
1,2,4-Trichlorobenzene	50	49		1	98	1.6	34-145	20	01/18/2010 1226
1,1,2-Trichloroethane	50	46		1	91	0.81	55-128	20	01/18/2010 1226
1,1,1-Trichloroethane	50	50		1	100	0.12	63-128	20	01/18/2010 1226

PQL = Practical quantitation limit
P = The RPD between two GC columns exceeds 40%
N - Recovery is out of criteria
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
+ - RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: LQ25504-003
Batch: 25504
Analytical Method: 8260B
Matrix: Solid
Prep Method: 5035

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	52		1	103	2.5	62-126	20	01/18/2010 1226
Trichlorofluoromethane	50	49		1	99	5.1	45-138	20	01/18/2010 1226
Vinyl chloride	50	45		1	89	18	42-132	20	01/18/2010 1226
Xylenes (total)	100	97		1	97	0.63	58-128	20	01/18/2010 1226

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		125	47-138
1,2-Dichloroethane-d4		91	53-142
Toluene-d8		110	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: LQ25567-001
Batch: 25567
Analytical Method: 8260B
Matrix: Solid
Prep Method: 5035

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	20	6.7	ug/kg	01/19/2010 0040
Benzene	ND		1	5.0	1.1	ug/kg	01/19/2010 0040
Bromodichloromethane	ND		1	5.0	1.7	ug/kg	01/19/2010 0040
Bromoform	ND		1	5.0	0.70	ug/kg	01/19/2010 0040
Bromomethane (Methyl bromide)	ND		1	5.0	1.8	ug/kg	01/19/2010 0040
2-Butanone (MEK)	ND		1	10	2.4	ug/kg	01/19/2010 0040
Carbon disulfide	ND		1	5.0	1.3	ug/kg	01/19/2010 0040
Carbon tetrachloride	ND		1	5.0	1.8	ug/kg	01/19/2010 0040
Chlorobenzene	ND		1	5.0	1.7	ug/kg	01/19/2010 0040
Chloroethane	ND		1	5.0	1.3	ug/kg	01/19/2010 0040
Chloroform	ND		1	5.0	0.83	ug/kg	01/19/2010 0040
Chloromethane (Methyl chloride)	ND		1	5.0	1.0	ug/kg	01/19/2010 0040
Cyclohexane	ND		1	5.0	0.67	ug/kg	01/19/2010 0040
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	5.0	1.5	ug/kg	01/19/2010 0040
Dibromochloromethane	ND		1	5.0	1.7	ug/kg	01/19/2010 0040
1,2-Dibromoethane (EDB)	ND		1	5.0	0.85	ug/kg	01/19/2010 0040
1,2-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	01/19/2010 0040
1,3-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	01/19/2010 0040
1,4-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	01/19/2010 0040
Dichlorodifluoromethane	ND		1	5.0	1.6	ug/kg	01/19/2010 0040
1,2-Dichloroethane	ND		1	5.0	1.0	ug/kg	01/19/2010 0040
1,1-Dichloroethane	ND		1	5.0	0.73	ug/kg	01/19/2010 0040
1,1-Dichloroethene	ND		1	5.0	1.7	ug/kg	01/19/2010 0040
cis-1,2-Dichloroethene	ND		1	5.0	0.76	ug/kg	01/19/2010 0040
trans-1,2-Dichloroethene	ND		1	5.0	1.5	ug/kg	01/19/2010 0040
1,2-Dichloropropane	ND		1	5.0	0.91	ug/kg	01/19/2010 0040
trans-1,3-Dichloropropene	ND		1	5.0	0.82	ug/kg	01/19/2010 0040
cis-1,3-Dichloropropene	ND		1	5.0	0.68	ug/kg	01/19/2010 0040
Ethylbenzene	ND		1	5.0	1.7	ug/kg	01/19/2010 0040
2-Hexanone	ND		1	10	1.3	ug/kg	01/19/2010 0040
Isopropylbenzene	ND		1	5.0	0.80	ug/kg	01/19/2010 0040
Methyl acetate	ND		1	5.0	0.67	ug/kg	01/19/2010 0040
Methyl tertiary butyl ether (MTBE)	ND		1	5.0	0.40	ug/kg	01/19/2010 0040
4-Methyl-2-pentanone	ND		1	10	1.5	ug/kg	01/19/2010 0040
Methylcyclohexane	ND		1	5.0	0.61	ug/kg	01/19/2010 0040
Methylene chloride	ND		1	5.0	2.6	ug/kg	01/19/2010 0040
Styrene	ND		1	5.0	1.1	ug/kg	01/19/2010 0040
1,1,2,2-Tetrachloroethane	ND		1	5.0	0.47	ug/kg	01/19/2010 0040
Tetrachloroethene	ND		1	5.0	2.3	ug/kg	01/19/2010 0040
Toluene	ND		1	5.0	1.7	ug/kg	01/19/2010 0040
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	5.0	2.1	ug/kg	01/19/2010 0040
1,2,4-Trichlorobenzene	ND		1	5.0	1.7	ug/kg	01/19/2010 0040
1,1,2-Trichloroethane	ND		1	5.0	0.79	ug/kg	01/19/2010 0040
1,1,1-Trichloroethane	ND		1	5.0	0.85	ug/kg	01/19/2010 0040

PQL = Practical quantitation limit
P = The RPD between two GC columns exceeds 40%
N - Recovery is out of criteria
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
+ - RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: LQ25567-001
Batch: 25567
Analytical Method: 8260B
Matrix: Solid
Prep Method: 5035

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	5.0	1.9	ug/kg	01/19/2010 0040
Trichlorofluoromethane	ND		1	5.0	1.5	ug/kg	01/19/2010 0040
Vinyl chloride	ND		1	5.0	0.86	ug/kg	01/19/2010 0040
Xylenes (total)	ND		1	5.0	2.9	ug/kg	01/19/2010 0040

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		114	47-138
1,2-Dichloroethane-d4		87	53-142
Toluene-d8		105	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: LQ25567-002
Batch: 25567
Analytical Method: 8260B
Matrix: Solid
Prep Method: 5035

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	110		1	111	42-149	01/18/2010 2330
Benzene	50	48		1	95	69-123	01/18/2010 2330
Bromodichloromethane	50	46		1	93	69-121	01/18/2010 2330
Bromoform	50	47		1	94	61-119	01/18/2010 2330
Bromomethane (Methyl bromide)	50	49		1	98	35-144	01/18/2010 2330
2-Butanone (MEK)	100	110		1	107	57-148	01/18/2010 2330
Carbon disulfide	50	50		1	101	58-122	01/18/2010 2330
Carbon tetrachloride	50	47		1	94	58-136	01/18/2010 2330
Chlorobenzene	50	45		1	91	59-129	01/18/2010 2330
Chloroethane	50	48		1	97	50-132	01/18/2010 2330
Chloroform	50	45		1	91	71-125	01/18/2010 2330
Chloromethane (Methyl chloride)	50	63		1	127	34-134	01/18/2010 2330
Cyclohexane	50	46		1	93	53-139	01/18/2010 2330
1,2-Dibromo-3-chloropropane (DBCP)	50	38		1	77	55-125	01/18/2010 2330
Dibromochloromethane	50	46		1	92	66-119	01/18/2010 2330
1,2-Dibromoethane (EDB)	50	47		1	93	74-124	01/18/2010 2330
1,2-Dichlorobenzene	50	45		1	89	57-131	01/18/2010 2330
1,3-Dichlorobenzene	50	45		1	90	51-134	01/18/2010 2330
1,4-Dichlorobenzene	50	46		1	91	52-133	01/18/2010 2330
Dichlorodifluoromethane	50	49		1	97	10-157	01/18/2010 2330
1,2-Dichloroethane	50	47		1	95	67-129	01/18/2010 2330
1,1-Dichloroethane	50	46		1	92	71-127	01/18/2010 2330
1,1-Dichloroethene	50	46		1	93	69-138	01/18/2010 2330
cis-1,2-Dichloroethene	50	46		1	91	70-122	01/18/2010 2330
trans-1,2-Dichloroethene	50	46		1	93	68-131	01/18/2010 2330
1,2-Dichloropropane	50	47		1	95	72-124	01/18/2010 2330
trans-1,3-Dichloropropene	50	44		1	88	70-124	01/18/2010 2330
cis-1,3-Dichloropropene	50	45		1	90	70-126	01/18/2010 2330
Ethylbenzene	50	45		1	90	59-128	01/18/2010 2330
2-Hexanone	100	98		1	98	54-137	01/18/2010 2330
Isopropylbenzene	50	43		1	87	50-136	01/18/2010 2330
Methyl acetate	50	43		1	87	59-137	01/18/2010 2330
Methyl tertiary butyl ether (MTBE)	50	47		1	93	72-122	01/18/2010 2330
4-Methyl-2-pentanone	100	100		1	102	60-134	01/18/2010 2330
Methylcyclohexane	50	46		1	93	41-144	01/18/2010 2330
Methylene chloride	50	47		1	94	77-129	01/18/2010 2330
Styrene	50	48		1	95	54-136	01/18/2010 2330
1,1,2,2-Tetrachloroethane	50	43		1	86	69-132	01/18/2010 2330
Tetrachloroethene	50	46		1	92	70-130	01/18/2010 2330
Toluene	50	47		1	94	61-129	01/18/2010 2330
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	44		1	87	49-136	01/18/2010 2330
1,2,4-Trichlorobenzene	50	45		1	90	34-145	01/18/2010 2330
1,1,2-Trichloroethane	50	43		1	87	55-128	01/18/2010 2330
1,1,1-Trichloroethane	50	46		1	92	63-128	01/18/2010 2330

PQL = Practical quantitation limit
P = The RPD between two GC columns exceeds 40%
N - Recovery is out of criteria
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
+ - RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: LQ25567-002
Batch: 25567
Analytical Method: 8260B
Matrix: Solid
Prep Method: 5035

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	47		1	94	62-126	01/18/2010 2330
Trichlorofluoromethane	50	46		1	93	45-138	01/18/2010 2330
Vinyl chloride	50	55		1	109	42-132	01/18/2010 2330
Xylenes (total)	100	91		1	91	58-128	01/18/2010 2330

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		119	47-138
1,2-Dichloroethane-d4		80	53-142
Toluene-d8		108	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: LQ25567-003
Batch: 25567
Analytical Method: 8260B
Matrix: Solid
Prep Method: 5035

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	88	+	1	88	23	42-149	20	01/18/2010 2353
Benzene	50	43		1	86	9.8	69-123	20	01/18/2010 2353
Bromodichloromethane	50	44		1	88	4.7	69-121	20	01/18/2010 2353
Bromoform	50	46		1	92	1.6	61-119	20	01/18/2010 2353
Bromomethane (Methyl bromide)	50	39	+	1	79	22	35-144	20	01/18/2010 2353
2-Butanone (MEK)	100	100		1	103	3.5	57-148	20	01/18/2010 2353
Carbon disulfide	50	41		1	83	20	58-122	20	01/18/2010 2353
Carbon tetrachloride	50	40		1	81	15	58-136	20	01/18/2010 2353
Chlorobenzene	50	42		1	84	7.6	59-129	20	01/18/2010 2353
Chloroethane	50	39	+	1	77	22	50-132	20	01/18/2010 2353
Chloroform	50	42		1	84	8.1	71-125	20	01/18/2010 2353
Chloromethane (Methyl chloride)	50	37	+	1	74	52	34-134	20	01/18/2010 2353
Cyclohexane	50	40		1	80	15	53-139	20	01/18/2010 2353
1,2-Dibromo-3-chloropropane (DBCP)	50	41		1	81	5.9	55-125	20	01/18/2010 2353
Dibromochloromethane	50	45		1	90	2.4	66-119	20	01/18/2010 2353
1,2-Dibromoethane (EDB)	50	46		1	91	1.8	74-124	20	01/18/2010 2353
1,2-Dichlorobenzene	50	42		1	85	5.2	57-131	20	01/18/2010 2353
1,3-Dichlorobenzene	50	43		1	85	6.0	51-134	20	01/18/2010 2353
1,4-Dichlorobenzene	50	42		1	84	7.7	52-133	20	01/18/2010 2353
Dichlorodifluoromethane	50	40		1	81	19	10-157	20	01/18/2010 2353
1,2-Dichloroethane	50	45		1	90	5.1	67-129	20	01/18/2010 2353
1,1-Dichloroethane	50	42		1	84	9.2	71-127	20	01/18/2010 2353
1,1-Dichloroethene	50	39		1	78	18	69-138	20	01/18/2010 2353
cis-1,2-Dichloroethene	50	41		1	83	10	70-122	20	01/18/2010 2353
trans-1,2-Dichloroethene	50	41		1	82	12	68-131	20	01/18/2010 2353
1,2-Dichloropropane	50	44		1	88	7.6	72-124	20	01/18/2010 2353
trans-1,3-Dichloropropene	50	43		1	87	1.4	70-124	20	01/18/2010 2353
cis-1,3-Dichloropropene	50	44		1	87	3.1	70-126	20	01/18/2010 2353
Ethylbenzene	50	41		1	81	9.9	59-128	20	01/18/2010 2353
2-Hexanone	100	100		1	102	4.2	54-137	20	01/18/2010 2353
Isopropylbenzene	50	39		1	77	12	50-136	20	01/18/2010 2353
Methyl acetate	50	45		1	91	4.2	59-137	20	01/18/2010 2353
Methyl tertiary butyl ether (MTBE)	50	46		1	93	0.24	72-122	20	01/18/2010 2353
4-Methyl-2-pentanone	100	110		1	105	3.1	60-134	20	01/18/2010 2353
Methylcyclohexane	50	41		1	82	13	41-144	20	01/18/2010 2353
Methylene chloride	50	42		1	84	11	77-129	20	01/18/2010 2353
Styrene	50	44		1	89	7.0	54-136	20	01/18/2010 2353
1,1,2,2-Tetrachloroethane	50	44		1	87	0.83	69-132	20	01/18/2010 2353
Tetrachloroethene	50	41		1	82	12	70-130	20	01/18/2010 2353
Toluene	50	42		1	85	11	61-129	20	01/18/2010 2353
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	36		1	72	19	49-136	20	01/18/2010 2353
1,2,4-Trichlorobenzene	50	44		1	88	1.8	34-145	20	01/18/2010 2353
1,1,2-Trichloroethane	50	43		1	87	0.095	55-128	20	01/18/2010 2353
1,1,1-Trichloroethane	50	40		1	80	14	63-128	20	01/18/2010 2353

PQL = Practical quantitation limit
P = The RPD between two GC columns exceeds 40%
N - Recovery is out of criteria
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
+ - RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: LQ25567-003
Batch: 25567
Analytical Method: 8260B
Matrix: Solid
Prep Method: 5035

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	43		1	87	7.9	62-126	20	01/18/2010 2353
Trichlorofluoromethane	50	38		1	77	19	45-138	20	01/18/2010 2353
Vinyl chloride	50	36	+	1	73	40	42-132	20	01/18/2010 2353
Xylenes (total)	100	83		1	83	10	58-128	20	01/18/2010 2353

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		117	47-138
1,2-Dichloroethane-d4		85	53-142
Toluene-d8		104	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MB

Sample ID: LQ25580-001
Batch: 25580
Analytical Method: 8270D
Matrix: Solid
Prep Method: 3550C
Prep Date: 01/19/2010 1136

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
1,1'-Biphenyl	ND		1	67	10	ug/kg	01/21/2010 2211
2,4,5-Trichlorophenol	ND		1	67	9.3	ug/kg	01/21/2010 2211
2,4,6-Trichlorophenol	ND		1	67	9.8	ug/kg	01/21/2010 2211
2,4-Dichlorophenol	ND		1	67	10	ug/kg	01/21/2010 2211
2,4-Dimethylphenol	ND		1	67	12	ug/kg	01/21/2010 2211
2,4-Dinitrophenol	ND		1	330	110	ug/kg	01/21/2010 2211
2,4-Dinitrotoluene	ND		1	130	18	ug/kg	01/21/2010 2211
2,6-Dinitrotoluene	ND		1	130	17	ug/kg	01/21/2010 2211
2-Chloronaphthalene	ND		1	67	11	ug/kg	01/21/2010 2211
2-Chlorophenol	ND		1	67	9.2	ug/kg	01/21/2010 2211
2-Methylnaphthalene	ND		1	67	9.9	ug/kg	01/21/2010 2211
2-Methylphenol	ND		1	67	6.0	ug/kg	01/21/2010 2211
2-Nitroaniline	ND		1	130	23	ug/kg	01/21/2010 2211
2-Nitrophenol	ND		1	130	18	ug/kg	01/21/2010 2211
3 & 4-Methylphenol	ND		1	130	12	ug/kg	01/21/2010 2211
3,3'-Dichlorobenzidine	ND		1	330	36	ug/kg	01/21/2010 2211
3-Nitroaniline	ND		1	130	39	ug/kg	01/21/2010 2211
4,6-Dinitro-2-methylphenol	ND		1	330	130	ug/kg	01/21/2010 2211
4-Bromophenyl phenyl ether	ND		1	67	9.8	ug/kg	01/21/2010 2211
4-Chloro-3-methyl phenol	ND		1	67	8.4	ug/kg	01/21/2010 2211
4-Chloroaniline	ND		1	67	6.8	ug/kg	01/21/2010 2211
4-Chlorophenyl phenyl ether	ND		1	67	11	ug/kg	01/21/2010 2211
4-Nitroaniline	ND		1	130	19	ug/kg	01/21/2010 2211
4-Nitrophenol	ND		1	330	96	ug/kg	01/21/2010 2211
Acenaphthene	ND		1	67	11	ug/kg	01/21/2010 2211
Acenaphthylene	ND		1	67	10	ug/kg	01/21/2010 2211
Acetophenone	ND		1	67	18	ug/kg	01/21/2010 2211
Anthracene	ND		1	67	7.4	ug/kg	01/21/2010 2211
Atrazine	ND		1	67	17	ug/kg	01/21/2010 2211
Benzaldehyde	ND		1	67	17	ug/kg	01/21/2010 2211
Benzo(a)anthracene	ND		1	67	8.8	ug/kg	01/21/2010 2211
Benzo(a)pyrene	ND		1	67	9.3	ug/kg	01/21/2010 2211
Benzo(b)fluoranthene	ND		1	67	9.6	ug/kg	01/21/2010 2211
Benzo(g,h,i)perylene	ND		1	67	12	ug/kg	01/21/2010 2211
Benzo(k)fluoranthene	ND		1	67	9.5	ug/kg	01/21/2010 2211
bis(2-Chloroethoxy)methane	ND		1	67	10	ug/kg	01/21/2010 2211
bis(2-Chloroethyl)ether	ND		1	67	9.2	ug/kg	01/21/2010 2211
bis(2-Chloroisopropyl)ether	ND		1	67	11	ug/kg	01/21/2010 2211
bis(2-Ethylhexyl)phthalate	ND		1	67	22	ug/kg	01/21/2010 2211
Butyl benzyl phthalate	ND		1	130	44	ug/kg	01/21/2010 2211
Caprolactam	ND		1	67	17	ug/kg	01/21/2010 2211
Carbazole	ND		1	67	14	ug/kg	01/21/2010 2211
Chrysene	ND		1	67	11	ug/kg	01/21/2010 2211
Di-n-butyl phthalate	ND		1	67	22	ug/kg	01/21/2010 2211

PQL = Practical quantitation limit
P = The RPD between two GC columns exceeds 40%
N - Recovery is out of criteria
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
+ - RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MB

Sample ID: LQ25580-001
Batch: 25580
Analytical Method: 8270D
Matrix: Solid
Prep Method: 3550C
Prep Date: 01/19/2010 1136

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Di-n-octylphthalate	ND		1	67	32	ug/kg	01/21/2010 2211
Dibenzo(a,h)anthracene	ND		1	67	9.1	ug/kg	01/21/2010 2211
Dibenzofuran	ND		1	67	10	ug/kg	01/21/2010 2211
Diethylphthalate	ND		1	67	22	ug/kg	01/21/2010 2211
Dimethyl phthalate	ND		1	67	22	ug/kg	01/21/2010 2211
Fluoranthene	ND		1	67	11	ug/kg	01/21/2010 2211
Fluorene	ND		1	67	9.0	ug/kg	01/21/2010 2211
Hexachlorobenzene	ND		1	67	15	ug/kg	01/21/2010 2211
Hexachlorobutadiene	ND		1	67	11	ug/kg	01/21/2010 2211
Hexachlorocyclopentadiene	ND		1	330	25	ug/kg	01/21/2010 2211
Hexachloroethane	ND		1	67	8.9	ug/kg	01/21/2010 2211
Indeno(1,2,3-c,d)pyrene	ND		1	67	9.7	ug/kg	01/21/2010 2211
Isophorone	ND		1	67	7.4	ug/kg	01/21/2010 2211
N-Nitrosodi-n-propylamine	ND		1	67	13	ug/kg	01/21/2010 2211
N-Nitrosodiphenylamine (Diphenylamine)	ND		1	67	8.3	ug/kg	01/21/2010 2211
Naphthalene	ND		1	67	10	ug/kg	01/21/2010 2211
Nitrobenzene	ND		1	67	5.4	ug/kg	01/21/2010 2211
Pentachlorophenol	ND		1	330	140	ug/kg	01/21/2010 2211
Phenanthrene	ND		1	67	9.0	ug/kg	01/21/2010 2211
Phenol	ND		1	67	9.1	ug/kg	01/21/2010 2211
Pyrene	ND		1	67	13	ug/kg	01/21/2010 2211

Surrogate	Q	% Rec	Acceptance Limit
2,4,6-Tribromophenol		60	30-117
2-Fluorobiphenyl		65	33-102
2-Fluorophenol		67	28-104
Nitrobenzene-d5		62	22-109
Phenol-d5		65	27-103
Terphenyl-d14		78	41-120

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - LCS

Sample ID: LQ25580-002
Batch: 25580
Analytical Method: 8270D
Matrix: Solid
Prep Method: 3550C
Prep Date: 01/19/2010 1136

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
2,4,5-Trichlorophenol	1300	1100		1	81	30-130	01/21/2010 2231
2,4,6-Trichlorophenol	1300	1100		1	84	30-130	01/21/2010 2231
2,4-Dichlorophenol	1300	1100		1	83	30-130	01/21/2010 2231
2,4-Dimethylphenol	1300	990		1	74	30-130	01/21/2010 2231
2,4-Dinitrophenol	6700	5500		1	82	30-130	01/21/2010 2231
2,4-Dinitrotoluene	2700	2600		1	98	30-130	01/21/2010 2231
2,6-Dinitrotoluene	2700	2500		1	95	30-130	01/21/2010 2231
2-Chloronaphthalene	1300	1200		1	86	30-130	01/21/2010 2231
2-Chlorophenol	1300	1000		1	78	30-130	01/21/2010 2231
2-Methylnaphthalene	1300	1000		1	78	30-130	01/21/2010 2231
2-Methylphenol	1300	1100		1	83	30-130	01/21/2010 2231
2-Nitroaniline	2700	2400		1	91	30-130	01/21/2010 2231
2-Nitrophenol	2700	2000		1	75	30-130	01/21/2010 2231
3 & 4-Methylphenol	2700	1800		1	67	30-130	01/21/2010 2231
3-Nitroaniline	2700	1700		1	63	30-130	01/21/2010 2231
4,6-Dinitro-2-methylphenol	6700	6000		1	90	30-130	01/21/2010 2231
4-Bromophenyl phenyl ether	1300	1200		1	93	30-130	01/21/2010 2231
4-Chloro-3-methyl phenol	1300	820		1	62	30-130	01/21/2010 2231
4-Chloroaniline	1300	400		1	30	10-130	01/21/2010 2231
4-Chlorophenyl phenyl ether	1300	1200		1	88	30-130	01/21/2010 2231
4-Nitroaniline	2700	1700		1	63	30-130	01/21/2010 2231
4-Nitrophenol	6700	5200		1	78	30-130	01/21/2010 2231
Acenaphthene	1300	1100		1	86	30-130	01/21/2010 2231
Acenaphthylene	1300	1000		1	77	30-130	01/21/2010 2231
Anthracene	1300	1300		1	95	30-130	01/21/2010 2231
Benzo(a)anthracene	1300	1300		1	96	30-130	01/21/2010 2231
Benzo(a)pyrene	1300	1600		1	122	30-130	01/21/2010 2231
Benzo(b)fluoranthene	1300	1300		1	95	30-130	01/21/2010 2231
Benzo(g,h,i)perylene	1300	1300		1	95	30-130	01/21/2010 2231
Benzo(k)fluoranthene	1300	1400		1	107	30-130	01/21/2010 2231
bis(2-Chloroethoxy)methane	1300	1100		1	80	30-130	01/21/2010 2231
bis(2-Chloroethyl)ether	1300	1000		1	75	30-130	01/21/2010 2231
bis(2-Chloroisopropyl)ether	1300	950		1	71	30-130	01/21/2010 2231
bis(2-Ethylhexyl)phthalate	1300	1400		1	108	30-130	01/21/2010 2231
Butyl benzyl phthalate	1300	1400		1	107	30-130	01/21/2010 2231
Carbazole	1300	1400		1	102	30-130	01/21/2010 2231
Chrysene	1300	1300		1	101	30-130	01/21/2010 2231
Di-n-butyl phthalate	1300	1400		1	102	30-130	01/21/2010 2231
Di-n-octylphthalate	1300	1300		1	97	30-130	01/21/2010 2231
Dibenzo(a,h)anthracene	1300	1300		1	100	30-130	01/21/2010 2231
Dibenzofuran	1300	1200		1	88	30-130	01/21/2010 2231
Diethylphthalate	1300	1300		1	100	30-130	01/21/2010 2231
Dimethyl phthalate	1300	1200		1	94	30-130	01/21/2010 2231
Fluoranthene	1300	1300		1	95	30-130	01/21/2010 2231

PQL = Practical quantitation limit
P = The RPD between two GC columns exceeds 40%
N - Recovery is out of criteria
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
+ - RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - LCS

Sample ID: LQ25580-002
Batch: 25580
Analytical Method: 8270D
Matrix: Solid
Prep Method: 3550C
Prep Date: 01/19/2010 1136

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Fluorene	1300	1200		1	91	30-130	01/21/2010 2231
Hexachlorobenzene	1300	1200		1	91	30-130	01/21/2010 2231
Hexachlorobutadiene	1300	970		1	73	30-130	01/21/2010 2231
Hexachlorocyclopentadiene	6700	4500		1	67	30-130	01/21/2010 2231
Hexachloroethane	1300	890		1	67	30-130	01/21/2010 2231
Indeno(1,2,3-c,d)pyrene	1300	1300		1	98	30-130	01/21/2010 2231
N-Nitrosodiphenylamine (Diphenylamine)	1300	1500		1	111	30-130	01/21/2010 2231
Naphthalene	1300	990		1	75	30-130	01/21/2010 2231
Nitrobenzene	1300	1100		1	80	30-130	01/21/2010 2231
Pentachlorophenol	6700	4700		1	71	30-130	01/21/2010 2231
Phenanthrene	1300	1300		1	95	30-130	01/21/2010 2231
Phenol	1300	970		1	73	30-130	01/21/2010 2231
Pyrene	1300	1400		1	107	30-130	01/21/2010 2231

Surrogate	Q	% Rec	Acceptance Limit
2,4,6-Tribromophenol		81	30-117
2-Fluorobiphenyl		78	33-102
2-Fluorophenol		75	28-104
Nitrobenzene-d5		70	22-109
Phenol-d5		73	27-103
Terphenyl-d14		78	41-120

PQL = Practical quantitation limit
P = The RPD between two GC columns exceeds 40%
N - Recovery is out of criteria
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
+ - RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MS

Sample ID: LA15023-001MS
Batch: 25580
Analytical Method: 8270D

Matrix: Solid
Prep Method: 3550C
Prep Date: 01/19/2010 1136

Parameter	Sample Amount (ug/kg)	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acenaphthene	ND	1700	810		1	49	30-130	01/25/2010 0108
Acenaphthylene	ND	1700	860		1	52	30-130	01/25/2010 0108
Anthracene	ND	1700	1000		1	64	30-130	01/25/2010 0108
Benzo(a)anthracene	ND	1700	1100		1	67	30-130	01/25/2010 0108
Benzo(a)pyrene	ND	1700	1300		1	78	30-130	01/25/2010 0108
Benzo(b)fluoranthene	ND	1700	1100		1	68	30-130	01/25/2010 0108
Benzo(g,h,i)perylene	ND	1700	1000		1	63	30-130	01/25/2010 0108
Benzo(k)fluoranthene	ND	1700	1100		1	67	30-130	01/25/2010 0108
4-Bromophenyl phenyl ether	ND	1700	1100		1	65	30-130	01/25/2010 0108
Butyl benzyl phthalate	ND	1700	1000		1	62	30-130	01/25/2010 0108
Carbazole	ND	1700	1200		1	75	30-130	01/25/2010 0108
4-Chloro-3-methyl phenol	ND	1700	1200		1	70	30-130	01/25/2010 0108
4-Chloroaniline	ND	1700	330		1	20	10-130	01/25/2010 0108
bis(2-Chloroethoxy)methane	ND	1700	880		1	54	30-130	01/25/2010 0108
bis(2-Chloroethyl)ether	ND	1700	880		1	53	30-130	01/25/2010 0108
bis(2-Chloroisopropyl)ether	ND	1700	790		1	48	30-130	01/25/2010 0108
2-Chloronaphthalene	ND	1700	970		1	59	30-130	01/25/2010 0108
2-Chlorophenol	ND	1700	940		1	57	30-130	01/25/2010 0108
4-Chlorophenyl phenyl ether	ND	1700	980		1	59	30-130	01/25/2010 0108
Chrysene	ND	1700	1100		1	67	30-130	01/25/2010 0108
Dibenzo(a,h)anthracene	ND	1700	1100		1	67	30-130	01/25/2010 0108
Dibenzofuran	ND	1700	1000		1	61	30-130	01/25/2010 0108
2,4-Dichlorophenol	ND	1700	1000		1	62	30-130	01/25/2010 0108
Diethylphthalate	ND	1700	1100		1	65	30-130	01/25/2010 0108
Dimethyl phthalate	ND	1700	950		1	58	30-130	01/25/2010 0108
2,4-Dimethylphenol	ND	1700	870		1	53	30-130	01/25/2010 0108
Di-n-butyl phthalate	ND	1700	1100		1	69	30-130	01/25/2010 0108
4,6-Dinitro-2-methylphenol	ND	8300	4400		1	54	30-130	01/25/2010 0108
2,4-Dinitrophenol	ND	8300	2900		1	36	30-130	01/25/2010 0108
2,4-Dinitrotoluene	ND	3300	2300		1	70	30-130	01/25/2010 0108
2,6-Dinitrotoluene	ND	3300	2000		1	60	30-130	01/25/2010 0108
Di-n-octylphthalate	ND	1700	1300		1	76	30-130	01/25/2010 0108
bis(2-Ethylhexyl)phthalate	ND	1700	1000		1	62	30-130	01/25/2010 0108
Fluoranthene	ND	1700	1100		1	66	30-130	01/25/2010 0108
Fluorene	ND	1700	1000		1	61	30-130	01/25/2010 0108
Hexachlorobenzene	ND	1700	1100		1	67	30-130	01/25/2010 0108
Hexachlorobutadiene	ND	1700	820		1	49	30-130	01/25/2010 0108
Hexachlorocyclopentadiene	ND	8300	2200	N	1	27	30-130	01/25/2010 0108
Hexachloroethane	ND	1700	730		1	44	30-130	01/25/2010 0108
Indeno(1,2,3-c,d)pyrene	ND	1700	1100		1	66	30-130	01/25/2010 0108
2-Methylnaphthalene	ND	1700	870		1	52	30-130	01/25/2010 0108
2-Methylphenol	ND	1700	940		1	57	30-130	01/25/2010 0108
3 & 4-Methylphenol	ND	3300	2100		1	62	30-130	01/25/2010 0108
Naphthalene	ND	1700	830		1	50	30-130	01/25/2010 0108

PQL = Practical quantitation limit
P = The RPD between two GC columns exceeds 40%
N - Recovery is out of criteria
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
+ - RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MS

Sample ID: LA15023-001MS
Batch: 25580
Analytical Method: 8270D
Matrix: Solid
Prep Method: 3550C
Prep Date: 01/19/2010 1136

Parameter	Sample Amount (ug/kg)	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
2-Nitroaniline	ND	3300	2000		1	59	30-130	01/25/2010 0108
3-Nitroaniline	ND	3300	1700		1	51	30-130	01/25/2010 0108
4-Nitroaniline	ND	3300	1800		1	54	30-130	01/25/2010 0108
Nitrobenzene	ND	1700	960		1	58	30-130	01/25/2010 0108
2-Nitrophenol	ND	3300	1600		1	47	30-130	01/25/2010 0108
4-Nitrophenol	ND	8300	6300		1	76	30-130	01/25/2010 0108
N-Nitrosodiphenylamine (Diphenylamine)	ND	1700	1200		1	70	30-130	01/25/2010 0108
Pentachlorophenol	ND	8300	4100		1	50	30-130	01/25/2010 0108
Phenanthrene	ND	1700	1100		1	66	30-130	01/25/2010 0108
Phenol	ND	1700	930		1	56	30-130	01/25/2010 0108
Pyrene	ND	1700	960		1	58	30-130	01/25/2010 0108
2,4,5-Trichlorophenol	ND	1700	1100		1	66	30-130	01/25/2010 0108
2,4,6-Trichlorophenol	ND	1700	920		1	56	30-130	01/25/2010 0108

Surrogate	Q	% Rec	Acceptance Limit
2-Fluorobiphenyl		53	33-102
2-Fluorophenol		53	28-104
Nitrobenzene-d5		60	22-109
Phenol-d5		58	27-103
Terphenyl-d14		53	41-120
2,4,6-Tribromophenol		58	30-117

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MSD

Sample ID: LA15023-001MD
Batch: 25580
Analytical Method: 8270D

Matrix: Solid
Prep Method: 3550C
Prep Date: 01/19/2010 1136

Parameter	Sample Amount (ug/kg)	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acenaphthene	ND	1700	890		1	54	10	30-130	20	01/25/2010 0128
Acenaphthylene	ND	1700	920		1	55	6.4	30-130	20	01/25/2010 0128
Anthracene	ND	1700	1100		1	67	5.5	30-130	20	01/25/2010 0128
Benzo(a)anthracene	ND	1700	1300		1	76	12	30-130	20	01/25/2010 0128
Benzo(a)pyrene	ND	1700	1400		1	82	5.9	30-130	20	01/25/2010 0128
Benzo(b)fluoranthene	ND	1700	1200		1	72	6.5	30-130	20	01/25/2010 0128
Benzo(g,h,i)perylene	ND	1700	1100		1	67	7.3	30-130	20	01/25/2010 0128
Benzo(k)fluoranthene	ND	1700	1100		1	68	1.8	30-130	20	01/25/2010 0128
4-Bromophenyl phenyl ether	ND	1700	1200		1	72	10	30-130	20	01/25/2010 0128
Butyl benzyl phthalate	ND	1700	1200		1	70	12	30-130	20	01/25/2010 0128
Carbazole	ND	1700	1300		1	78	3.8	30-130	20	01/25/2010 0128
4-Chloro-3-methyl phenol	ND	1700	1200		1	72	3.2	30-130	20	01/25/2010 0128
4-Chloroaniline	ND	1700	410		1	25	20	10-130	40	01/25/2010 0128
bis(2-Chloroethoxy)methane	ND	1700	870		1	52	2.0	30-130	20	01/25/2010 0128
bis(2-Chloroethyl)ether	ND	1700	800		1	49	8.5	30-130	20	01/25/2010 0128
bis(2-Chloroisopropyl)ether	ND	1700	800		1	48	2.0	30-130	20	01/25/2010 0128
2-Chloronaphthalene	ND	1700	920		1	56	5.2	30-130	20	01/25/2010 0128
2-Chlorophenol	ND	1700	930		1	56	0.85	30-130	20	01/25/2010 0128
4-Chlorophenyl phenyl ether	ND	1700	1200		1	70	16	30-130	20	01/25/2010 0128
Chrysene	ND	1700	1200		1	74	10	30-130	20	01/25/2010 0128
Dibenzo(a,h)anthracene	ND	1700	1200		1	71	5.4	30-130	20	01/25/2010 0128
Dibenzofuran	ND	1700	1100		1	64	6.5	30-130	20	01/25/2010 0128
2,4-Dichlorophenol	ND	1700	920		1	56	10	30-130	20	01/25/2010 0128
Diethylphthalate	ND	1700	1200		1	75	14	30-130	20	01/25/2010 0128
Dimethyl phthalate	ND	1700	1100		1	66	14	30-130	20	01/25/2010 0128
2,4-Dimethylphenol	ND	1700	820		1	50	6.0	30-130	20	01/25/2010 0128
Di-n-butyl phthalate	ND	1700	1200		1	74	7.7	30-130	20	01/25/2010 0128
4,6-Dinitro-2-methylphenol	ND	8300	4500		1	54	1.6	30-130	20	01/25/2010 0128
2,4-Dinitrophenol	ND	8300	3100		1	37	3.8	30-130	20	01/25/2010 0128
2,4-Dinitrotoluene	ND	3300	2400		1	72	3.3	30-130	20	01/25/2010 0128
2,6-Dinitrotoluene	ND	3300	2200		1	67	12	30-130	20	01/25/2010 0128
Di-n-octylphthalate	ND	1700	1300		1	78	3.2	30-130	20	01/25/2010 0128
bis(2-Ethylhexyl)phthalate	ND	1700	1200		1	70	13	30-130	20	01/25/2010 0128
Fluoranthene	ND	1700	1200		1	71	7.3	30-130	20	01/25/2010 0128
Fluorene	ND	1700	1100		1	64	5.6	30-130	20	01/25/2010 0128
Hexachlorobenzene	ND	1700	1200		1	71	6.4	30-130	20	01/25/2010 0128
Hexachlorobutadiene	ND	1700	820		1	50	0.37	30-130	20	01/25/2010 0128
Hexachlorocyclopentadiene	ND	8300	2100	N	1	26	4.7	30-130	20	01/25/2010 0128
Hexachloroethane	ND	1700	800		1	48	9.0	30-130	20	01/25/2010 0128
Indeno(1,2,3-c,d)pyrene	ND	1700	1100		1	69	3.9	30-130	20	01/25/2010 0128
2-Methylnaphthalene	ND	1700	870		1	53	0.49	30-130	20	01/25/2010 0128
2-Methylphenol	ND	1700	890		1	54	6.2	30-130	20	01/25/2010 0128
3 & 4-Methylphenol	ND	3300	2100		1	62	0.25	30-130	20	01/25/2010 0128
Naphthalene	ND	1700	800		1	48	4.0	30-130	20	01/25/2010 0128

PQL = Practical quantitation limit
P = The RPD between two GC columns exceeds 40%
N - Recovery is out of criteria
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
+ - RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MSD

Sample ID: LA15023-001MD
Batch: 25580
Analytical Method: 8270D
Matrix: Solid
Prep Method: 3550C
Prep Date: 01/19/2010 1136

Parameter	Sample Amount (ug/kg)	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
2-Nitroaniline	ND	3300	2300		1	68	14	30-130	20	01/25/2010 0128
3-Nitroaniline	ND	3300	1900		1	57	11	30-130	20	01/25/2010 0128
4-Nitroaniline	ND	3300	2100		1	63	16	30-130	20	01/25/2010 0128
Nitrobenzene	ND	1700	1100		1	69	17	30-130	20	01/25/2010 0128
2-Nitrophenol	ND	3300	1600		1	48	2.1	30-130	20	01/25/2010 0128
4-Nitrophenol	ND	8300	6300		1	76	1.1	30-130	20	01/25/2010 0128
N-Nitrosodiphenylamine (Diphenylamine)	ND	1700	1300		1	80	13	30-130	20	01/25/2010 0128
Pentachlorophenol	ND	8300	4300		1	52	4.5	30-130	20	01/25/2010 0128
Phenanthrene	ND	1700	1100		1	67	2.8	30-130	20	01/25/2010 0128
Phenol	ND	1700	920		1	56	0.96	30-130	20	01/25/2010 0128
Pyrene	ND	1700	1100		1	66	13	30-130	20	01/25/2010 0128
2,4,5-Trichlorophenol	ND	1700	1200		1	73	10	30-130	20	01/25/2010 0128
2,4,6-Trichlorophenol	ND	1700	930		1	56	0.57	30-130	20	01/25/2010 0128

Surrogate	Q	% Rec	Acceptance Limit
2-Fluorobiphenyl		55	33-102
2-Fluorophenol		53	28-104
Nitrobenzene-d5		62	22-109
Phenol-d5		54	27-103
Terphenyl-d14		59	41-120
2,4,6-Tribromophenol		67	30-117

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

SHEALY Chain of Custody Record

SHEALY ENVIRONMENTAL SERVICES, INC.
106 Vantage Point Drive
West Columbia, South Carolina 29172
Telephone No. (803) 791-9700 Fax No. (803) 791-9111

Number 101508

Client: Arcadis	Report to Contact: Scott Bostian	Telephone No. / Fax No. / E-mail: 919-854-1282 / scott.bostian@arcadis-us.com	Quote No.
Address: 801 Corporate Center Drive #300	Sampler's Signature: X [signature]	Waybill No.	Page 1 of 1
City: Raleigh / State: NC / Zip Code: 27607	Printed Name: Josh Frizzell	Analysis (Attach list if more space is needed.)	
Project Name: HAA-18			

Project No.: GP08HAFS. H18B. DG0F1 — P.O. No.: — Lot No.: LA15023

Sample ID / Description (Containers for each sample may be combined on one line.)	Date	Time	G=Grab C=Composite	Matrix: Aqueous	Matrix: Solid	Matrix: Non Aqueous	No. of Containers by Preservative Type: Unpres	H2SO4	HNO3	HCl	NaOH	NaOH/ZnAc	VOCs	SVOCs	Remarks / Cooler I.D.
H18-SB01 (011410)(4-5)	1-14-2010	0855	G		X		1					1	X	X	Cooler 1 of 2
H18-SB02 (011410)(4-5)	1-14-2010	0915	G		X		1					1	X	X	
H18-SB03 (011410)(4-5)	1-14-2010	0930	G		X		1					1	X	X	
H18-SB04 (011410)(5-6)	1-14-2010	0955	G		X		1					1	X	X	
H18-SB05 (011410)(1-2)	1-14-2010	1010	G		X		1					1	X	X	
H18-SB06 (011410)(1-2)	1-14-2010	1025	G		X		1					1	X	X	
H18-SB07 (011410)(1-2)	1-14-2010	1040	G		X		1					1	X	X	
H18-SB08 (011410)(2-3)	1-14-2010	1055	G		X		1					1	X	X	
H18-SB09 (011410)(2-3)	1-14-2010	1110	G		X		1					1	X	X	
H18-SB10 (011410)(4-5)	1-14-2010	1130	G		X		1					1	X	X	

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☒ Unknown

Sample Disposal: ☐ Return to Client ☒ Disposal by Lab

Note: All samples are retained for six weeks from receipt unless other arrangements are made

Turn Around Time Required (Prior lab approval required for expedited TAT.): ☒ Standard ☐ Rush (Specify)

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished by: [signature]			1. Received by		
2. Relinquished by			2. Received by		
3. Relinquished by: FEDEX	1/15/10	0855	3. Laboratory received by: [signature]	1-15-10	0855

Comments:

LAB USE ONLY
Received on ice (Circle): Yes / No — Ice Pack — Receipt Temp: 2.6 °C

DISTRIBUTION: WHITE & YELLOW Return to laboratory with Sample(s); PINK-Field/Client Copy

SHEALY ENVIRONMENTAL SERVICES, INC.
106 Vantage Point Drive
West Columbia, South Carolina 29172
Telephone No. (803) 791-9700 Fax No. (803) 791-9111

SHEALY Chain of Custody Record

Number 101509

Client: Aradis	Report to Contact: Scott Bostian	Telephone No. / Fax No. / E-mail: 919-854-1282 / scott.bostian@aradis-us.com	Quote No.
Address: 801 Corporate Center Dr. #300	Sampler's Signature: x	Waybill No.	Page 1 of 1
City: Raleigh	State: NC	Zip Code: 27607	Printed Name: Josh Frizzell
Project Name: HAA-18			

Analysis (Attach list if more space is needed.)

Project No.: GP08HAFS. H18B. DG0F1

P.O. No.:

Lot No.: LA15023

Sample ID / Description (Containers for each sample may be combined on one line.)	Date	Time	On-Grab C-Composite	Matrix: Aqueous	Matrix: Solid	Matrix: Non-Aqueous	No. of Containers by Preservative Type: Unpres.	H2SO4	HNO3	HCl	NaOH	5035 Kit	VOCs	SVOCs	Remarks / Cooler I.D.
H18-SB11 (011410) (4-5)	1-14-2010	1310	G		X		1					1	X	X	Cooler 2 of 2
H18-SB12 (011410) (2-3)	1-14-2010	1350	G		X		1					1	X	X	
H18-SB13 (011410) (4-5)	1-14-2010	1430	G		X		1					1	X	X	
H18-SB14 (011410) (3-4)	1-14-2010	1450	G		X		1					1	X	X	
H18-SB15 (011410) (3-4)	1-14-2010	1510	G		X		1					1	X	X	
		JDF					1-14-2010								

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☒ Unknown

Sample Disposal: ☐ Return to Client ☒ Disposal by Lab

Note: All samples are retained for six weeks from receipt unless other arrangements are made.

Turn Around Time Required (Prior lab approval required for expedited TAT.): ☒ Standard ☐ Rush (Specify)

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished by	1-14-10	1830	1. Received by		
2. Relinquished by			2. Received by		
3. Relinquished by: FEDEX	1-15-10	0855	3. Laboratory received by	1-15-10	0855

Comments:

LAB USE ONLY: Received on ice (Circle) Yes / No Ice Pack

Receipt Temp 2.4 °C

DISTRIBUTION: WHITE & YELLOW-Return to laboratory with Sample(s); PINK-Field/Client Copy

Document Number: F-AD-012 Effective Date: 06-04-02

Shealy Environmental Services, Inc.
Document Number: F-AD-016
Revision Number: 6

Replaces Date: 09/22/06
Effective Date: 03/29/07

Sample Receipt Checklist (SRC)

Client: Arcadis Cooler Inspected by/date: DMP 7/15/16 Lot #: LA15023

Means of receipt: ☐ SESI ☐ Client ☐ UPS ☑ FedEx ☐ Airborne Exp ☐ Other

Yes ☑	No ☐	NA ☐	1. Were custody seals present on the cooler?
Yes ☑	No ☐	NA ☐	2. If custody seals were present, were they intact and unbroken?

Cooler ID/temperature upon receipt 2.6 °C 2.1 °C / °C / °C / °C / °C / °C / °C / °C

Method: ☐ Temperature Blank ☑ Against Bottles
Method of coolant: ☑ Wet Ice ☐ Blue Ice ☐ Dry Ice ☐ None

If response is No (or Yes for 14, 15, 16), an explanation/resolution must be provided.

Yes ☐	No ☐	NA ☑	3. If temperature of any cooler exceeded 6.0°C, was Project Manager notified? PM notified by SRC, phone, note (circle one), other:_____. (For coolers received via commercial courier, PMs are to be notified immediately.
Yes ☑	No ☐	NA ☐	4. Is the commercial courier's packing slip attached to this form?
Yes ☐	No ☑	NA ☐	5. Were proper custody procedures (relinquished/received) followed?
Yes ☑	No ☐	NA ☐	6. Were sample IDs listed?
Yes ☑	No ☐	NA ☐	7. Was collection date & time listed?
Yes ☑	No ☐	NA ☐	8. Were tests to be performed listed on the COC or was quote # provided?
Yes ☑	No ☐	NA ☐	9. Did all samples arrive in the proper containers for each test?
Yes ☑	No ☐	NA ☐	10. Did all container label information (ID, date, time) agree with COC?
Yes ☑	No ☐	NA ☐	11. Did all containers arrive in good condition (unbroken, lids on, etc.)?
Yes ☑	No ☐	NA ☐	12. Was adequate sample volume available?
Yes ☑	No ☐	NA ☐	13. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
Yes ☐	No ☑	NA ☐	14. Were any samples containers missing?
Yes ☐	No ☑	NA ☐	15. Were there any excess samples not listed on COC?
Yes ☐	No ☐	NA ☑	16. Were bubbles present >"pea-size" (¼"or 6mm in diameter) in any VOA vials?
Yes ☐	No ☐	NA ☑	17. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
Yes ☐	No ☐	NA ☑	18. Were all cyanide and/or sulfide samples received at a pH >12?
Yes ☐	No ☐	NA ☑	19. Were all applicable NH3/TKN/cyanide/phenol/BNA/pest/PCB/herb (<0.2mg/L) and toxicity (<0.1mg/L) samples free of residual chlorine?
Yes ☐	No ☐	NA ☑	20. Were collection temperatures documented on the COC for NC samples?

Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)

Sample(s)_____ were received incorrectly preserved and were adjusted accordingly in sample receiving with _____ (H_2SO_4,HNO_3,HCl,NaOH) with the SR # (number)

Sample(s)_____ were received with bubbles >6 mm in diameter.

Sample(s)_____ were received with TRC >0.2 mg/L for NH3/TKN/cyanide/BNA/pest/PCB/herb.

Toxicity sample(s)_____ were received with TRC >0.1 mg/L and were analyzed by method 330.5.

Corrective Action taken, if necessary:

Was client notified: Yes ☐ No ☐ Did client respond: Yes ☐ No ☐

SESI employee:_____ Date of response:_____

Comments:_____

Report of Analysis

ARCADIS U.S., Inc.
30 Patewood Drive
Suite 155
Greenville, SC 29615
Attention: Janet Christy

Project Name: Hunter Stewart - HAA-18

Project Number: GP08HAFS.H18B

Lot Number: LA25013

Date Completed: 02/04/2010

Nisreen Saikaly
Project Manager

The following non-paginated documents are considered part of this report: Chain of Custody Record and Sample Receipt Checklist.

* L A 2 5 0 1 3 *

Case Narrative
ARCADIS U.S., Inc.
Lot Number: LA25013

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved NELAC standards, the Shealy Environmental Services, Inc. ("Shealy") Quality Assurance Management Plan (QAMP), standard operating procedures (SOPs), and Shealy policies. Any exceptions to the NELAC standards, the QAMP, SOPs or policies are qualified on the results page or discussed below.

If you have any questions regarding this report please contact the Shealy Project Manager listed on the cover page.

Semivolatile Organic Compounds

Samples -007, -008, -010, -011, -012 were re-extrcated outside the holding time due to a surrogate failure.

The LCS recovery for Carbazole exceeded method control limits in batch 26497; however, all other QA/QC criteria for the LCS/LCSD were within acceptance criteria and method control limits. The associated sample results were non-detect, therefore the results were reported and no corrective action was required.

The MS/MSD recoveries in batch 26497 were outside acceptance criteria. All other QA/QC criteria for the batch were within acceptance criteria and method control limits. The MS/MSD recovery results are attributed to matrix interference. The associated sample results were reported and no corrective action was required.
The surrogate recovery for Phenol-d5 was outside the acceptance limit in the MB of batch 26818. This surrogate is not associated with any of the analytes in this batch. The sample results are reported and no corrective action is required.

Volatile Organic Compounds

The MSD recovery for Dichlorodifluoromethane in batch 26605 were outside acceptance criteria. All other QA/QC criteria for the batch were within acceptance criteria and method control limits. The MS/MSD recovery results are attributed to matrix interference. The associated sample results were reported and no corrective action was required.

Sample Summary
ARCADIS U.S., Inc.
Lot Number: LA25013

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	P-MW-1 (012110)	Aqueous	01/21/2010 0905	01/25/2010
002	P-MW4 (012110)	Aqueous	01/22/2010 1025	01/25/2010
003	P-MW5 (012110)	Aqueous	01/22/2010 0900	01/25/2010
004	P-MW3 (012110)	Aqueous	01/22/2010 0940	01/25/2010
005	DUP-HAA-18 (012110)	Aqueous	01/22/2010 1200	01/25/2010
006	TB-02 (012110)	Aqueous	01/21/2010 0900	01/25/2010
007	P-HGL-3C (1-25-10)	Aqueous	01/25/2010 1745	01/28/2010
008	PMW-6 (1-26-10)	Aqueous	01/26/2010 0945	01/28/2010
009	PMW-6D (1-26-10)	Aqueous	01/26/2010 1115	01/28/2010
010	PMW-8D (1-26-10)	Aqueous	01/26/2010 1315	01/28/2010
011	PMW-8 (1-26-10)	Aqueous	01/26/2010 1420	01/28/2010
012	PMW-7D (1-26-10)	Aqueous	01/26/2010 1545	01/28/2010
013	PMW-7 (1-26-10)	Aqueous	01/26/2010 1715	01/28/2010
014	H-101-IDW-HAA18 (1-27-10) - moved to LA29056	Aqueous	01/27/2010 1000	01/29/2010
015	H-85-IDW-HAA09 (1-27-10) - moved to LA29056	Aqueous	01/27/2010 1010	01/29/2010
016	Trip Blank	Aqueous	01/29/2010 0910	01/29/2010

(16 samples)

Executive Summary

ARCADIS U.S., Inc.

Lot Number: LA25013

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	P-MW-1 (012110)	Aqueous	Acetone	8260B	1.5	J	ug/L	5
001	P-MW-1 (012110)	Aqueous	1,2,4-Trichlorobenzene	8260B	0.33	J	ug/L	5
004	P-MW3 (012110)	Aqueous	Acetone	8260B	1.9	J	ug/L	17
005	DUP-HAA-18 (012110)	Aqueous	Acetone	8260B	2.9	J	ug/L	21
007	P-HGL-3C (1-25-10)	Aqueous	Acetone	8260B	2.8	J	ug/L	27
007	P-HGL-3C (1-25-10)	Aqueous	Benzene	8260B	1.7		ug/L	27
007	P-HGL-3C (1-25-10)	Aqueous	Carbon disulfide	8260B	0.17	J	ug/L	27
007	P-HGL-3C (1-25-10)	Aqueous	Ethylbenzene	8260B	0.90		ug/L	27
007	P-HGL-3C (1-25-10)	Aqueous	Methylene chloride	8260B	0.20	BJ	ug/L	27
007	P-HGL-3C (1-25-10)	Aqueous	Toluene	8260B	0.19	J	ug/L	27
007	P-HGL-3C (1-25-10)	Aqueous	Xylenes (total)	8260B	0.46	J	ug/L	28
007	P-HGL-3C (1-25-10)	Aqueous	Naphthalene	8270D	16		ug/L	30
008	PMW-6 (1-26-10)	Aqueous	Acetone	8260B	2.5	J	ug/L	31
008	PMW-6 (1-26-10)	Aqueous	Methylene chloride	8260B	0.20	BJ	ug/L	31
009	PMW-6D (1-26-10)	Aqueous	Acetone	8260B	2.8	J	ug/L	35
009	PMW-6D (1-26-10)	Aqueous	Bromodichloromethane	8260B	0.20	J	ug/L	35
009	PMW-6D (1-26-10)	Aqueous	Chloroform	8260B	0.34	J	ug/L	35
009	PMW-6D (1-26-10)	Aqueous	Methylene chloride	8260B	0.21	BJ	ug/L	35
009	PMW-6D (1-26-10)	Aqueous	Caprolactam	8270D	1.8	J	ug/L	37
010	PMW-8D (1-26-10)	Aqueous	Acetone	8260B	5.0	J	ug/L	39
010	PMW-8D (1-26-10)	Aqueous	Bromodichloromethane	8260B	0.35	J	ug/L	39
010	PMW-8D (1-26-10)	Aqueous	Carbon disulfide	8260B	0.31	J	ug/L	39
010	PMW-8D (1-26-10)	Aqueous	Chloroform	8260B	0.85		ug/L	39
010	PMW-8D (1-26-10)	Aqueous	Dibromochloromethane	8260B	0.21	J	ug/L	39
010	PMW-8D (1-26-10)	Aqueous	Methylene chloride	8260B	0.20	BJ	ug/L	39
010	PMW-8D (1-26-10)	Aqueous	Acenaphthylene	8270D	0.62	J	ug/L	41
011	PMW-8 (1-26-10)	Aqueous	Acetone	8260B	3.1	J	ug/L	43
011	PMW-8 (1-26-10)	Aqueous	Methylene chloride	8260B	0.18	BJ	ug/L	43
011	PMW-8 (1-26-10)	Aqueous	Caprolactam	8270D	1.7	J	ug/L	45
012	PMW-7D (1-26-10)	Aqueous	Acetone	8260B	2.6	J	ug/L	47
012	PMW-7D (1-26-10)	Aqueous	Methylene chloride	8260B	0.18	BJ	ug/L	47
013	PMW-7 (1-26-10)	Aqueous	Acetone	8260B	3.4	J	ug/L	51
013	PMW-7 (1-26-10)	Aqueous	Carbon disulfide	8260B	0.11	J	ug/L	51
013	PMW-7 (1-26-10)	Aqueous	Chloroform	8260B	0.19	J	ug/L	51
013	PMW-7 (1-26-10)	Aqueous	Methylene chloride	8260B	0.21	BJ	ug/L	51

(35 detections)

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-001
Description: P-MW-1 (012110)
Matrix: Aqueous
Date Sampled: 01/21/2010 0905
Date Received: 01/25/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/27/2010 1921	MZ		26346

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	1.5	J	10	0.061	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	0.027	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	0.17	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	0.010	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	0.20	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	0.085	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	0.17	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	0.17	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	0.17	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	0.17	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	0.30	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	0.069	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	0.061	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	0.17	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	0.17	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	0.071	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	0.054	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	0.023	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	0.079	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	0.094	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	0.087	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	0.081	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	0.18	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	0.090	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	0.029	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	0.019	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	0.17	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	0.015	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	0.013	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	0.014	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	0.17	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	0.33	J	0.50	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	0.029	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	0.031	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-001
Description: P-MW-1 (012110)
Matrix: Aqueous
Date Sampled: 01/21/2010 0905
Date Received: 01/25/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/27/2010 1921	MZ		26346

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	0.024	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	0.051	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	0.065	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	0.17	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		91	70-130
Bromofluorobenzene		110	70-130
Toluene-d8		98	70-130

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Semivolatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-001
Description: P-MW-1 (012110)
Matrix: Aqueous
Date Sampled: 01/21/2010 0905
Date Received: 01/25/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	01/30/2010 1940	JGH	01/26/2010 1718	26217

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270D	ND		1.0	0.090	ug/L	1
Acenaphthylene	208-96-8	8270D	ND		1.0	0.16	ug/L	1
Acetophenone	98-86-2	8270D	ND		1.0	0.32	ug/L	1
Anthracene	120-12-7	8270D	ND		1.0	0.13	ug/L	1
Atrazine	1912-24-9	8270D	ND		1.0	0.20	ug/L	1
Benzaldehyde	100-52-7	8270D	ND		5.0	1.0	ug/L	1
Benzo(a)anthracene	56-55-3	8270D	ND		1.0	0.15	ug/L	1
Benzo(a)pyrene	50-32-8	8270D	ND		1.0	0.16	ug/L	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		1.0	0.20	ug/L	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		1.0	0.23	ug/L	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		1.0	0.12	ug/L	1
1,1'-Biphenyl	92-52-4	8270D	ND		1.0	0.20	ug/L	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		1.0	0.12	ug/L	1
Butyl benzyl phthalate	85-68-7	8270D	ND		5.0	1.7	ug/L	1
Caprolactam	105-60-2	8270D	ND		5.0	1.2	ug/L	1
Carbazole	86-74-8	8270D	ND		1.0	0.25	ug/L	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		1.0	0.22	ug/L	1
4-Chloroaniline	106-47-8	8270D	ND		1.0	0.13	ug/L	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		1.0	0.13	ug/L	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		1.0	0.13	ug/L	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		1.0	0.080	ug/L	1
2-Chloronaphthalene	91-58-7	8270D	ND		1.0	0.12	ug/L	1
2-Chlorophenol	95-57-8	8270D	ND		1.0	0.13	ug/L	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		1.0	0.11	ug/L	1
Chrysene	218-01-9	8270D	ND		1.0	0.12	ug/L	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		1.0	0.13	ug/L	1
Dibenzofuran	132-64-9	8270D	ND		1.0	0.16	ug/L	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		5.0	0.81	ug/L	1
2,4-Dichlorophenol	120-83-2	8270D	ND		1.0	0.15	ug/L	1
Diethylphthalate	84-66-2	8270D	ND		5.0	1.7	ug/L	1
Dimethyl phthalate	131-11-3	8270D	ND		5.0	1.7	ug/L	1
2,4-Dimethylphenol	105-67-9	8270D	ND		1.0	0.31	ug/L	1
Di-n-butyl phthalate	84-74-2	8270D	ND		5.0	1.7	ug/L	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		5.0	1.5	ug/L	1
2,4-Dinitrophenol	51-28-5	8270D	ND		5.0	0.25	ug/L	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		2.0	0.45	ug/L	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		2.0	0.40	ug/L	1
Di-n-octylphthalate	117-84-0	8270D	ND		5.0	1.7	ug/L	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		5.0	1.7	ug/L	1
Fluoranthene	206-44-0	8270D	ND		1.0	0.21	ug/L	1
Fluorene	86-73-7	8270D	ND		1.0	0.10	ug/L	1
Hexachlorobenzene	118-74-1	8270D	ND		1.0	0.21	ug/L	1
Hexachlorobutadiene	87-68-3	8270D	ND		1.0	0.090	ug/L	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		5.0	0.23	ug/L	1

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Semivolatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-001
Description: P-MW-1 (012110)
Matrix: Aqueous
Date Sampled: 01/21/2010 0905
Date Received: 01/25/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	01/30/2010 1940	JGH	01/26/2010 1718	26217

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		1.0	0.11	ug/L	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		1.0	0.23	ug/L	1
Isophorone	78-59-1	8270D	ND		1.0	0.080	ug/L	1
2-Methylnaphthalene	91-57-6	8270D	ND		1.0	0.080	ug/L	1
2-Methylphenol	95-48-7	8270D	ND		1.0	0.17	ug/L	1
3 & 4-Methylphenol	106-44-5	8270D	ND		2.0	0.57	ug/L	1
Naphthalene	91-20-3	8270D	ND		1.0	0.070	ug/L	1
2-Nitroaniline	88-74-4	8270D	ND		2.0	0.55	ug/L	1
3-Nitroaniline	99-09-2	8270D	ND		2.0	0.77	ug/L	1
4-Nitroaniline	100-01-6	8270D	ND		2.0	0.39	ug/L	1
Nitrobenzene	98-95-3	8270D	ND		1.0	0.10	ug/L	1
2-Nitrophenol	88-75-5	8270D	ND		2.0	0.27	ug/L	1
4-Nitrophenol	100-02-7	8270D	ND		5.0	0.64	ug/L	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		1.0	0.080	ug/L	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		1.0	0.38	ug/L	1
Pentachlorophenol	87-86-5	8270D	ND		5.0	0.54	ug/L	1
Phenanthrene	85-01-8	8270D	ND		1.0	0.18	ug/L	1
Phenol	108-95-2	8270D	ND		1.0	0.11	ug/L	1
Pyrene	129-00-0	8270D	ND		1.0	0.16	ug/L	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		1.0	0.18	ug/L	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		1.0	0.22	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2-Fluorobiphenyl		60	37-129
2-Fluorophenol		59	24-127
Nitrobenzene-d5		57	38-127
Phenol-d5		56	28-128
Terphenyl-d14		60	10-148
2,4,6-Tribromophenol		65	41-144

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-002
Description: P-MW4 (012110)
Matrix: Aqueous
Date Sampled: 01/22/2010 1025
Date Received: 01/25/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/27/2010 1942	MZ		26346

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		10	0.061	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	0.027	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	0.17	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	0.010	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	0.20	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	0.085	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	0.17	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	0.17	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	0.17	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	0.17	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	0.30	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	0.069	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	0.061	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	0.17	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	0.17	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	0.071	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	0.054	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	0.023	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	0.079	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	0.094	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	0.087	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	0.081	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	0.18	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	0.090	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	0.029	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	0.019	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	0.17	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	0.015	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	0.013	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	0.014	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	0.17	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	0.029	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	0.031	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-002
Description: P-MW4 (012110)
Matrix: Aqueous
Date Sampled: 01/22/2010 1025
Date Received: 01/25/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/27/2010 1942	MZ		26346

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	0.024	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	0.051	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	0.065	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	0.17	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		101	70-130
Bromofluorobenzene		106	70-130
Toluene-d8		107	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Semivolatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-002
Description: P-MW4 (012110)
Matrix: Aqueous
Date Sampled: 01/22/2010 1025
Date Received: 01/25/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	01/30/2010 2000	JGH	01/26/2010 1718	26217

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270D	ND		1.0	0.090	ug/L	1
Acenaphthylene	208-96-8	8270D	ND		1.0	0.16	ug/L	1
Acetophenone	98-86-2	8270D	ND		1.0	0.32	ug/L	1
Anthracene	120-12-7	8270D	ND		1.0	0.13	ug/L	1
Atrazine	1912-24-9	8270D	ND		1.0	0.20	ug/L	1
Benzaldehyde	100-52-7	8270D	ND		5.0	1.0	ug/L	1
Benzo(a)anthracene	56-55-3	8270D	ND		1.0	0.15	ug/L	1
Benzo(a)pyrene	50-32-8	8270D	ND		1.0	0.16	ug/L	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		1.0	0.20	ug/L	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		1.0	0.23	ug/L	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		1.0	0.12	ug/L	1
1,1'-Biphenyl	92-52-4	8270D	ND		1.0	0.20	ug/L	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		1.0	0.12	ug/L	1
Butyl benzyl phthalate	85-68-7	8270D	ND		5.0	1.7	ug/L	1
Caprolactam	105-60-2	8270D	ND		5.0	1.2	ug/L	1
Carbazole	86-74-8	8270D	ND		1.0	0.25	ug/L	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		1.0	0.22	ug/L	1
4-Chloroaniline	106-47-8	8270D	ND		1.0	0.13	ug/L	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		1.0	0.13	ug/L	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		1.0	0.13	ug/L	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		1.0	0.080	ug/L	1
2-Chloronaphthalene	91-58-7	8270D	ND		1.0	0.12	ug/L	1
2-Chlorophenol	95-57-8	8270D	ND		1.0	0.13	ug/L	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		1.0	0.11	ug/L	1
Chrysene	218-01-9	8270D	ND		1.0	0.12	ug/L	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		1.0	0.13	ug/L	1
Dibenzofuran	132-64-9	8270D	ND		1.0	0.16	ug/L	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		5.0	0.81	ug/L	1
2,4-Dichlorophenol	120-83-2	8270D	ND		1.0	0.15	ug/L	1
Diethylphthalate	84-66-2	8270D	ND		5.0	1.7	ug/L	1
Dimethyl phthalate	131-11-3	8270D	ND		5.0	1.7	ug/L	1
2,4-Dimethylphenol	105-67-9	8270D	ND		1.0	0.31	ug/L	1
Di-n-butyl phthalate	84-74-2	8270D	ND		5.0	1.7	ug/L	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		5.0	1.5	ug/L	1
2,4-Dinitrophenol	51-28-5	8270D	ND		5.0	0.25	ug/L	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		2.0	0.45	ug/L	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		2.0	0.40	ug/L	1
Di-n-octylphthalate	117-84-0	8270D	ND		5.0	1.7	ug/L	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		5.0	1.7	ug/L	1
Fluoranthene	206-44-0	8270D	ND		1.0	0.21	ug/L	1
Fluorene	86-73-7	8270D	ND		1.0	0.10	ug/L	1
Hexachlorobenzene	118-74-1	8270D	ND		1.0	0.21	ug/L	1
Hexachlorobutadiene	87-68-3	8270D	ND		1.0	0.090	ug/L	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		5.0	0.23	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Semivolatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-002
Description: P-MW4 (012110)
Matrix: Aqueous
Date Sampled: 01/22/2010 1025
Date Received: 01/25/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	01/30/2010 2000	JGH	01/26/2010 1718	26217

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		1.0	0.11	ug/L	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		1.0	0.23	ug/L	1
Isophorone	78-59-1	8270D	ND		1.0	0.080	ug/L	1
2-Methylnaphthalene	91-57-6	8270D	ND		1.0	0.080	ug/L	1
2-Methylphenol	95-48-7	8270D	ND		1.0	0.17	ug/L	1
3 & 4-Methylphenol	106-44-5	8270D	ND		2.0	0.57	ug/L	1
Naphthalene	91-20-3	8270D	ND		1.0	0.070	ug/L	1
2-Nitroaniline	88-74-4	8270D	ND		2.0	0.55	ug/L	1
3-Nitroaniline	99-09-2	8270D	ND		2.0	0.77	ug/L	1
4-Nitroaniline	100-01-6	8270D	ND		2.0	0.39	ug/L	1
Nitrobenzene	98-95-3	8270D	ND		1.0	0.10	ug/L	1
2-Nitrophenol	88-75-5	8270D	ND		2.0	0.27	ug/L	1
4-Nitrophenol	100-02-7	8270D	ND		5.0	0.64	ug/L	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		1.0	0.080	ug/L	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		1.0	0.38	ug/L	1
Pentachlorophenol	87-86-5	8270D	ND		5.0	0.54	ug/L	1
Phenanthrene	85-01-8	8270D	ND		1.0	0.18	ug/L	1
Phenol	108-95-2	8270D	ND		1.0	0.11	ug/L	1
Pyrene	129-00-0	8270D	ND		1.0	0.16	ug/L	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		1.0	0.18	ug/L	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		1.0	0.22	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2-Fluorobiphenyl		66	37-129
2-Fluorophenol		58	24-127
Nitrobenzene-d5		58	38-127
Phenol-d5		61	28-128
Terphenyl-d14		61	10-148
2,4,6-Tribromophenol		62	41-144

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-003
Description: P-MW5 (012110)
Matrix: Aqueous
Date Sampled: 01/22/2010 0900
Date Received: 01/25/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/27/2010 2003	MZ		26346

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		10	0.061	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	0.027	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	0.17	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	0.010	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	0.20	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	0.085	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	0.17	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	0.17	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	0.17	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	0.17	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	0.30	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	0.069	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	0.061	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	0.17	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	0.17	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	0.071	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	0.054	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	0.023	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	0.079	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	0.094	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	0.087	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	0.081	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	0.18	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	0.090	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	0.029	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	0.019	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	0.17	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	0.015	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	0.013	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	0.014	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	0.17	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	0.029	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	0.031	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-003
Description: P-MW5 (012110)
Matrix: Aqueous
Date Sampled: 01/22/2010 0900
Date Received: 01/25/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/27/2010 2003	MZ		26346

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	0.024	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	0.051	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	0.065	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	0.17	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		100	70-130
Bromofluorobenzene		103	70-130
Toluene-d8		103	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Semivolatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-003
Description: P-MW5 (012110)
Matrix: Aqueous
Date Sampled: 01/22/2010 0900
Date Received: 01/25/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	01/30/2010 2020	GLR	01/26/2010 1718	26217

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270D	ND		1.0	0.090	ug/L	1
Acenaphthylene	208-96-8	8270D	ND		1.0	0.16	ug/L	1
Acetophenone	98-86-2	8270D	ND		1.0	0.32	ug/L	1
Anthracene	120-12-7	8270D	ND		1.0	0.13	ug/L	1
Atrazine	1912-24-9	8270D	ND		1.0	0.20	ug/L	1
Benzaldehyde	100-52-7	8270D	ND		5.0	1.0	ug/L	1
Benzo(a)anthracene	56-55-3	8270D	ND		1.0	0.15	ug/L	1
Benzo(a)pyrene	50-32-8	8270D	ND		1.0	0.16	ug/L	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		1.0	0.20	ug/L	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		1.0	0.23	ug/L	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		1.0	0.12	ug/L	1
1,1'-Biphenyl	92-52-4	8270D	ND		1.0	0.20	ug/L	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		1.0	0.12	ug/L	1
Butyl benzyl phthalate	85-68-7	8270D	ND		5.0	1.7	ug/L	1
Caprolactam	105-60-2	8270D	ND		5.0	1.2	ug/L	1
Carbazole	86-74-8	8270D	ND		1.0	0.25	ug/L	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		1.0	0.22	ug/L	1
4-Chloroaniline	106-47-8	8270D	ND		1.0	0.13	ug/L	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		1.0	0.13	ug/L	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		1.0	0.13	ug/L	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		1.0	0.080	ug/L	1
2-Chloronaphthalene	91-58-7	8270D	ND		1.0	0.12	ug/L	1
2-Chlorophenol	95-57-8	8270D	ND		1.0	0.13	ug/L	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		1.0	0.11	ug/L	1
Chrysene	218-01-9	8270D	ND		1.0	0.12	ug/L	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		1.0	0.13	ug/L	1
Dibenzofuran	132-64-9	8270D	ND		1.0	0.16	ug/L	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		5.0	0.81	ug/L	1
2,4-Dichlorophenol	120-83-2	8270D	ND		1.0	0.15	ug/L	1
Diethylphthalate	84-66-2	8270D	ND		5.0	1.7	ug/L	1
Dimethyl phthalate	131-11-3	8270D	ND		5.0	1.7	ug/L	1
2,4-Dimethylphenol	105-67-9	8270D	ND		1.0	0.31	ug/L	1
Di-n-butyl phthalate	84-74-2	8270D	ND		5.0	1.7	ug/L	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		5.0	1.5	ug/L	1
2,4-Dinitrophenol	51-28-5	8270D	ND		5.0	0.25	ug/L	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		2.0	0.45	ug/L	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		2.0	0.40	ug/L	1
Di-n-octylphthalate	117-84-0	8270D	ND		5.0	1.7	ug/L	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		5.0	1.7	ug/L	1
Fluoranthene	206-44-0	8270D	ND		1.0	0.21	ug/L	1
Fluorene	86-73-7	8270D	ND		1.0	0.10	ug/L	1
Hexachlorobenzene	118-74-1	8270D	ND		1.0	0.21	ug/L	1
Hexachlorobutadiene	87-68-3	8270D	ND		1.0	0.090	ug/L	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		5.0	0.23	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Semivolatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-003
Description: P-MW5 (012110)
Matrix: Aqueous
Date Sampled: 01/22/2010 0900
Date Received: 01/25/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	01/30/2010 2020	GLR	01/26/2010 1718	26217

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		1.0	0.11	ug/L	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		1.0	0.23	ug/L	1
Isophorone	78-59-1	8270D	ND		1.0	0.080	ug/L	1
2-Methylnaphthalene	91-57-6	8270D	ND		1.0	0.080	ug/L	1
2-Methylphenol	95-48-7	8270D	ND		1.0	0.17	ug/L	1
3 & 4-Methylphenol	106-44-5	8270D	ND		2.0	0.57	ug/L	1
Naphthalene	91-20-3	8270D	ND		1.0	0.070	ug/L	1
2-Nitroaniline	88-74-4	8270D	ND		2.0	0.55	ug/L	1
3-Nitroaniline	99-09-2	8270D	ND		2.0	0.77	ug/L	1
4-Nitroaniline	100-01-6	8270D	ND		2.0	0.39	ug/L	1
Nitrobenzene	98-95-3	8270D	ND		1.0	0.10	ug/L	1
2-Nitrophenol	88-75-5	8270D	ND		2.0	0.27	ug/L	1
4-Nitrophenol	100-02-7	8270D	ND		5.0	0.64	ug/L	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		1.0	0.080	ug/L	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		1.0	0.38	ug/L	1
Pentachlorophenol	87-86-5	8270D	ND		5.0	0.54	ug/L	1
Phenanthrene	85-01-8	8270D	ND		1.0	0.18	ug/L	1
Phenol	108-95-2	8270D	ND		1.0	0.11	ug/L	1
Pyrene	129-00-0	8270D	ND		1.0	0.16	ug/L	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		1.0	0.18	ug/L	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		1.0	0.22	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2-Fluorobiphenyl		67	37-129
2-Fluorophenol		66	24-127
Nitrobenzene-d5		65	38-127
Phenol-d5		65	28-128
Terphenyl-d14		62	10-148
2,4,6-Tribromophenol		67	41-144

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-004
Description: P-MW3 (012110)
Matrix: Aqueous
Date Sampled: 01/22/2010 0940
Date Received: 01/25/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/27/2010 2024	MZ		26346

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	1.9	J	10	0.061	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	0.027	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	0.17	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	0.010	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	0.20	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	0.085	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	0.17	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	0.17	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	0.17	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	0.17	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	0.30	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	0.069	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	0.061	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	0.17	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	0.17	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	0.071	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	0.054	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	0.023	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	0.079	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	0.094	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	0.087	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	0.081	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	0.18	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	0.090	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	0.029	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	0.019	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	0.17	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	0.015	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	0.013	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	0.014	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	0.17	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	0.029	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	0.031	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-004
Description: P-MW3 (012110)
Matrix: Aqueous
Date Sampled: 01/22/2010 0940
Date Received: 01/25/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/27/2010 2024	MZ		26346

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	0.024	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	0.051	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	0.065	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	0.17	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		101	70-130
Bromofluorobenzene		103	70-130
Toluene-d8		104	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Semivolatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-004
Description: P-MW3 (012110)
Matrix: Aqueous
Date Sampled: 01/22/2010 0940
Date Received: 01/25/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	01/30/2010 2121	JGH	01/26/2010 1718	26217

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270D	ND		1.0	0.090	ug/L	1
Acenaphthylene	208-96-8	8270D	ND		1.0	0.16	ug/L	1
Acetophenone	98-86-2	8270D	ND		1.0	0.32	ug/L	1
Anthracene	120-12-7	8270D	ND		1.0	0.13	ug/L	1
Atrazine	1912-24-9	8270D	ND		1.0	0.20	ug/L	1
Benzaldehyde	100-52-7	8270D	ND		5.0	1.0	ug/L	1
Benzo(a)anthracene	56-55-3	8270D	ND		1.0	0.15	ug/L	1
Benzo(a)pyrene	50-32-8	8270D	ND		1.0	0.16	ug/L	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		1.0	0.20	ug/L	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		1.0	0.23	ug/L	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		1.0	0.12	ug/L	1
1,1'-Biphenyl	92-52-4	8270D	ND		1.0	0.20	ug/L	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		1.0	0.12	ug/L	1
Butyl benzyl phthalate	85-68-7	8270D	ND		5.0	1.7	ug/L	1
Caprolactam	105-60-2	8270D	ND		5.0	1.2	ug/L	1
Carbazole	86-74-8	8270D	ND		1.0	0.25	ug/L	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		1.0	0.22	ug/L	1
4-Chloroaniline	106-47-8	8270D	ND		1.0	0.13	ug/L	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		1.0	0.13	ug/L	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		1.0	0.13	ug/L	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		1.0	0.080	ug/L	1
2-Chloronaphthalene	91-58-7	8270D	ND		1.0	0.12	ug/L	1
2-Chlorophenol	95-57-8	8270D	ND		1.0	0.13	ug/L	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		1.0	0.11	ug/L	1
Chrysene	218-01-9	8270D	ND		1.0	0.12	ug/L	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		1.0	0.13	ug/L	1
Dibenzofuran	132-64-9	8270D	ND		1.0	0.16	ug/L	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		5.0	0.81	ug/L	1
2,4-Dichlorophenol	120-83-2	8270D	ND		1.0	0.15	ug/L	1
Diethylphthalate	84-66-2	8270D	ND		5.0	1.7	ug/L	1
Dimethyl phthalate	131-11-3	8270D	ND		5.0	1.7	ug/L	1
2,4-Dimethylphenol	105-67-9	8270D	ND		1.0	0.31	ug/L	1
Di-n-butyl phthalate	84-74-2	8270D	ND		5.0	1.7	ug/L	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		5.0	1.5	ug/L	1
2,4-Dinitrophenol	51-28-5	8270D	ND		5.0	0.25	ug/L	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		2.0	0.45	ug/L	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		2.0	0.40	ug/L	1
Di-n-octylphthalate	117-84-0	8270D	ND		5.0	1.7	ug/L	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		5.0	1.7	ug/L	1
Fluoranthene	206-44-0	8270D	ND		1.0	0.21	ug/L	1
Fluorene	86-73-7	8270D	ND		1.0	0.10	ug/L	1
Hexachlorobenzene	118-74-1	8270D	ND		1.0	0.21	ug/L	1
Hexachlorobutadiene	87-68-3	8270D	ND		1.0	0.090	ug/L	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		5.0	0.23	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Semivolatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-004
Description: P-MW3 (012110)
Matrix: Aqueous
Date Sampled: 01/22/2010 0940
Date Received: 01/25/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	01/30/2010 2121	JGH	01/26/2010 1718	26217

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		1.0	0.11	ug/L	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		1.0	0.23	ug/L	1
Isophorone	78-59-1	8270D	ND		1.0	0.080	ug/L	1
2-Methylnaphthalene	91-57-6	8270D	ND		1.0	0.080	ug/L	1
2-Methylphenol	95-48-7	8270D	ND		1.0	0.17	ug/L	1
3 & 4-Methylphenol	106-44-5	8270D	ND		2.0	0.57	ug/L	1
Naphthalene	91-20-3	8270D	ND		1.0	0.070	ug/L	1
2-Nitroaniline	88-74-4	8270D	ND		2.0	0.55	ug/L	1
3-Nitroaniline	99-09-2	8270D	ND		2.0	0.77	ug/L	1
4-Nitroaniline	100-01-6	8270D	ND		2.0	0.39	ug/L	1
Nitrobenzene	98-95-3	8270D	ND		1.0	0.10	ug/L	1
2-Nitrophenol	88-75-5	8270D	ND		2.0	0.27	ug/L	1
4-Nitrophenol	100-02-7	8270D	ND		5.0	0.64	ug/L	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		1.0	0.080	ug/L	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		1.0	0.38	ug/L	1
Pentachlorophenol	87-86-5	8270D	ND		5.0	0.54	ug/L	1
Phenanthrene	85-01-8	8270D	ND		1.0	0.18	ug/L	1
Phenol	108-95-2	8270D	ND		1.0	0.11	ug/L	1
Pyrene	129-00-0	8270D	ND		1.0	0.16	ug/L	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		1.0	0.18	ug/L	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		1.0	0.22	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2-Fluorobiphenyl		66	37-129
2-Fluorophenol		57	24-127
Nitrobenzene-d5		60	38-127
Phenol-d5		59	28-128
Terphenyl-d14		57	10-148
2,4,6-Tribromophenol		63	41-144

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-005
Description: DUP-HAA-18 (012110)
Matrix: Aqueous
Date Sampled: 01/22/2010 1200
Date Received: 01/25/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/27/2010 2046	MZ		26346

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	2.9	J	10	0.061	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	0.027	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	0.17	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	0.010	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	0.20	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	0.085	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	0.17	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	0.17	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	0.17	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	0.17	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	0.30	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	0.069	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	0.061	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	0.17	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	0.17	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	0.071	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	0.054	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	0.023	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	0.079	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	0.094	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	0.087	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	0.081	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	0.18	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	0.090	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	0.029	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	0.019	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	0.17	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	0.015	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	0.013	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	0.014	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	0.17	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	0.029	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	0.031	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-005
Description: DUP-HAA-18 (012110)
Matrix: Aqueous
Date Sampled: 01/22/2010 1200
Date Received: 01/25/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/27/2010 2046	MZ		26346

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	0.024	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	0.051	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	0.065	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	0.17	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		94	70-130
Bromofluorobenzene		101	70-130
Toluene-d8		102	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Semivolatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-005
Description: DUP-HAA-18 (012110)
Matrix: Aqueous
Date Sampled: 01/22/2010 1200
Date Received: 01/25/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	01/30/2010 2141	JGH	01/26/2010 1718	26217

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270D	ND		1.0	0.090	ug/L	1
Acenaphthylene	208-96-8	8270D	ND		1.0	0.16	ug/L	1
Acetophenone	98-86-2	8270D	ND		1.0	0.32	ug/L	1
Anthracene	120-12-7	8270D	ND		1.0	0.13	ug/L	1
Atrazine	1912-24-9	8270D	ND		1.0	0.20	ug/L	1
Benzaldehyde	100-52-7	8270D	ND		5.0	1.0	ug/L	1
Benzo(a)anthracene	56-55-3	8270D	ND		1.0	0.15	ug/L	1
Benzo(a)pyrene	50-32-8	8270D	ND		1.0	0.16	ug/L	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		1.0	0.20	ug/L	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		1.0	0.23	ug/L	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		1.0	0.12	ug/L	1
1,1'-Biphenyl	92-52-4	8270D	ND		1.0	0.20	ug/L	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		1.0	0.12	ug/L	1
Butyl benzyl phthalate	85-68-7	8270D	ND		5.0	1.7	ug/L	1
Caprolactam	105-60-2	8270D	ND		5.0	1.2	ug/L	1
Carbazole	86-74-8	8270D	ND		1.0	0.25	ug/L	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		1.0	0.22	ug/L	1
4-Chloroaniline	106-47-8	8270D	ND		1.0	0.13	ug/L	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		1.0	0.13	ug/L	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		1.0	0.13	ug/L	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		1.0	0.080	ug/L	1
2-Chloronaphthalene	91-58-7	8270D	ND		1.0	0.12	ug/L	1
2-Chlorophenol	95-57-8	8270D	ND		1.0	0.13	ug/L	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		1.0	0.11	ug/L	1
Chrysene	218-01-9	8270D	ND		1.0	0.12	ug/L	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		1.0	0.13	ug/L	1
Dibenzofuran	132-64-9	8270D	ND		1.0	0.16	ug/L	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		5.0	0.81	ug/L	1
2,4-Dichlorophenol	120-83-2	8270D	ND		1.0	0.15	ug/L	1
Diethylphthalate	84-66-2	8270D	ND		5.0	1.7	ug/L	1
Dimethyl phthalate	131-11-3	8270D	ND		5.0	1.7	ug/L	1
2,4-Dimethylphenol	105-67-9	8270D	ND		1.0	0.31	ug/L	1
Di-n-butyl phthalate	84-74-2	8270D	ND		5.0	1.7	ug/L	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		5.0	1.5	ug/L	1
2,4-Dinitrophenol	51-28-5	8270D	ND		5.0	0.25	ug/L	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		2.0	0.45	ug/L	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		2.0	0.40	ug/L	1
Di-n-octylphthalate	117-84-0	8270D	ND		5.0	1.7	ug/L	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		5.0	1.7	ug/L	1
Fluoranthene	206-44-0	8270D	ND		1.0	0.21	ug/L	1
Fluorene	86-73-7	8270D	ND		1.0	0.10	ug/L	1
Hexachlorobenzene	118-74-1	8270D	ND		1.0	0.21	ug/L	1
Hexachlorobutadiene	87-68-3	8270D	ND		1.0	0.090	ug/L	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		5.0	0.23	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Semivolatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-005
Description: DUP-HAA-18 (012110)
Matrix: Aqueous
Date Sampled: 01/22/2010 1200
Date Received: 01/25/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	01/30/2010 2141	JGH	01/26/2010 1718	26217

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		1.0	0.11	ug/L	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		1.0	0.23	ug/L	1
Isophorone	78-59-1	8270D	ND		1.0	0.080	ug/L	1
2-Methylnaphthalene	91-57-6	8270D	ND		1.0	0.080	ug/L	1
2-Methylphenol	95-48-7	8270D	ND		1.0	0.17	ug/L	1
3 & 4-Methylphenol	106-44-5	8270D	ND		2.0	0.57	ug/L	1
Naphthalene	91-20-3	8270D	ND		1.0	0.070	ug/L	1
2-Nitroaniline	88-74-4	8270D	ND		2.0	0.55	ug/L	1
3-Nitroaniline	99-09-2	8270D	ND		2.0	0.77	ug/L	1
4-Nitroaniline	100-01-6	8270D	ND		2.0	0.39	ug/L	1
Nitrobenzene	98-95-3	8270D	ND		1.0	0.10	ug/L	1
2-Nitrophenol	88-75-5	8270D	ND		2.0	0.27	ug/L	1
4-Nitrophenol	100-02-7	8270D	ND		5.0	0.64	ug/L	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		1.0	0.080	ug/L	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		1.0	0.38	ug/L	1
Pentachlorophenol	87-86-5	8270D	ND		5.0	0.54	ug/L	1
Phenanthrene	85-01-8	8270D	ND		1.0	0.18	ug/L	1
Phenol	108-95-2	8270D	ND		1.0	0.11	ug/L	1
Pyrene	129-00-0	8270D	ND		1.0	0.16	ug/L	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		1.0	0.18	ug/L	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		1.0	0.22	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2-Fluorobiphenyl		61	37-129
2-Fluorophenol		60	24-127
Nitrobenzene-d5		59	38-127
Phenol-d5		50	28-128
Terphenyl-d14		52	10-148
2,4,6-Tribromophenol		59	41-144

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Description: TB-02 (012110)
Date Sampled: 01/21/2010 0900
Date Received: 01/25/2010

Laboratory ID: LA25013-006
Matrix: Aqueous

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/27/2010 0252	RRH		26280

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		10	0.061	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	0.027	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	0.17	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	0.010	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	0.20	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	0.085	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	0.17	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	0.17	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	0.17	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	0.17	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	0.30	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	0.069	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	0.061	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	0.17	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	0.17	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	0.071	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	0.054	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	0.023	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	0.079	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	0.094	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	0.087	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	0.081	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	0.18	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	0.090	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	0.029	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	0.019	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	0.17	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	0.015	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	0.013	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	0.014	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	0.17	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	0.029	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	0.031	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-006
Description: TB-02 (012110)
Matrix: Aqueous
Date Sampled: 01/21/2010 0900
Date Received: 01/25/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/27/2010 0252	RRH		26280

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	0.024	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	0.051	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	0.065	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	0.17	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		115	70-130
Bromofluorobenzene		105	70-130
Toluene-d8		111	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Description: P-HGL-3C (1-25-10)
Date Sampled: 01/25/2010 1745
Date Received: 01/28/2010

Laboratory ID: LA25013-007
Matrix: Aqueous

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/30/2010 0656	DLB		26605

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	2.8	J	10	0.061	ug/L	1
Benzene	71-43-2	8260B	1.7		0.50	0.027	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	0.17	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	0.010	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	0.20	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	0.17	J	0.50	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	0.085	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	0.17	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	0.17	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	0.17	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	0.17	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	0.30	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	0.069	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	0.061	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	0.17	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	0.17	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	0.071	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	0.054	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	0.023	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	0.079	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	0.094	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	0.087	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	0.081	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	0.18	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	0.090	ug/L	1
Ethylbenzene	100-41-4	8260B	0.90		0.50	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	0.029	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	0.019	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	0.20	BJ	0.50	0.17	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	0.015	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	0.013	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	0.014	ug/L	1
Toluene	108-88-3	8260B	0.19	J	0.50	0.17	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	0.029	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	0.031	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-007
Description: P-HGL-3C (1-25-10)
Matrix: Aqueous
Date Sampled: 01/25/2010 1745
Date Received: 01/28/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/30/2010 0656	DLB		26605

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	0.024	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	0.051	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	0.065	ug/L	1
Xylenes (total)	1330-20-7	8260B	0.46	J	0.50	0.17	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		106	70-130
Bromofluorobenzene		104	70-130
Toluene-d8		107	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Semivolatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-007
Description: P-HGL-3C (1-25-10)
Matrix: Aqueous
Date Sampled: 01/25/2010 1745
Date Received: 01/28/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	02/01/2010 1822	GLR	01/29/2010 1829	26497
2	3520C	8270D	1	02/03/2010 2255	GLR	02/03/2010 1520	26818

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270D	ND		1.0	0.090	ug/L	1
Acenaphthylene	208-96-8	8270D	ND		1.0	0.16	ug/L	1
Acetophenone	98-86-2	8270D	ND		1.0	0.32	ug/L	1
Anthracene	120-12-7	8270D	ND		1.0	0.13	ug/L	1
Atrazine	1912-24-9	8270D	ND		1.0	0.20	ug/L	1
Benzaldehyde	100-52-7	8270D	ND		5.0	1.0	ug/L	1
Benzo(a)anthracene	56-55-3	8270D	ND		1.0	0.15	ug/L	1
Benzo(a)pyrene	50-32-8	8270D	ND	H	1.0	0.16	ug/L	2
Benzo(b)fluoranthene	205-99-2	8270D	ND	H	1.0	0.20	ug/L	2
Benzo(g,h,i)perylene	191-24-2	8270D	ND	H	1.0	0.23	ug/L	2
Benzo(k)fluoranthene	207-08-9	8270D	ND	H	1.0	0.12	ug/L	2
1,1'-Biphenyl	92-52-4	8270D	ND		1.0	0.20	ug/L	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		1.0	0.12	ug/L	1
Butyl benzyl phthalate	85-68-7	8270D	ND		5.0	1.7	ug/L	1
Caprolactam	105-60-2	8270D	ND		5.0	1.2	ug/L	1
Carbazole	86-74-8	8270D	ND		1.0	0.25	ug/L	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		1.0	0.22	ug/L	1
4-Chloroaniline	106-47-8	8270D	ND		1.0	0.13	ug/L	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		1.0	0.13	ug/L	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		1.0	0.13	ug/L	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		1.0	0.080	ug/L	1
2-Chloronaphthalene	91-58-7	8270D	ND		1.0	0.12	ug/L	1
2-Chlorophenol	95-57-8	8270D	ND		1.0	0.13	ug/L	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		1.0	0.11	ug/L	1
Chrysene	218-01-9	8270D	ND		1.0	0.12	ug/L	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND	H	1.0	0.13	ug/L	2
Dibenzofuran	132-64-9	8270D	ND		1.0	0.16	ug/L	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		5.0	0.81	ug/L	1
2,4-Dichlorophenol	120-83-2	8270D	ND		1.0	0.15	ug/L	1
Diethylphthalate	84-66-2	8270D	ND		5.0	1.7	ug/L	1
Dimethyl phthalate	131-11-3	8270D	ND		5.0	1.7	ug/L	1
2,4-Dimethylphenol	105-67-9	8270D	ND		1.0	0.31	ug/L	1
Di-n-butyl phthalate	84-74-2	8270D	ND		5.0	1.7	ug/L	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		5.0	1.5	ug/L	1
2,4-Dinitrophenol	51-28-5	8270D	ND		5.0	0.25	ug/L	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		2.0	0.45	ug/L	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		2.0	0.40	ug/L	1
Di-n-octylphthalate	117-84-0	8270D	ND	H	5.0	1.7	ug/L	2
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		5.0	1.7	ug/L	1
Fluoranthene	206-44-0	8270D	ND		1.0	0.21	ug/L	1
Fluorene	86-73-7	8270D	ND		1.0	0.10	ug/L	1
Hexachlorobenzene	118-74-1	8270D	ND		1.0	0.21	ug/L	1
Hexachlorobutadiene	87-68-3	8270D	ND		1.0	0.090	ug/L	1

PQL = Practical quantitation limit
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P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Semivolatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-007
Description: P-HGL-3C (1-25-10)
Matrix: Aqueous
Date Sampled: 01/25/2010 1745
Date Received: 01/28/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	02/01/2010 1822	GLR	01/29/2010 1829	26497
2	3520C	8270D	1	02/03/2010 2255	GLR	02/03/2010 1520	26818

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Hexachlorocyclopentadiene	77-47-4	8270D	ND		5.0	0.23	ug/L	1
Hexachloroethane	67-72-1	8270D	ND		1.0	0.11	ug/L	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND	H	1.0	0.23	ug/L	2
Isophorone	78-59-1	8270D	ND		1.0	0.080	ug/L	1
2-Methylnaphthalene	91-57-6	8270D	ND		1.0	0.080	ug/L	1
2-Methylphenol	95-48-7	8270D	ND		1.0	0.17	ug/L	1
3 & 4-Methylphenol	106-44-5	8270D	ND		2.0	0.57	ug/L	1
Naphthalene	91-20-3	8270D	16		1.0	0.070	ug/L	1
2-Nitroaniline	88-74-4	8270D	ND		2.0	0.55	ug/L	1
3-Nitroaniline	99-09-2	8270D	ND		2.0	0.77	ug/L	1
4-Nitroaniline	100-01-6	8270D	ND		2.0	0.39	ug/L	1
Nitrobenzene	98-95-3	8270D	ND		1.0	0.10	ug/L	1
2-Nitrophenol	88-75-5	8270D	ND		2.0	0.27	ug/L	1
4-Nitrophenol	100-02-7	8270D	ND		5.0	0.64	ug/L	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		1.0	0.080	ug/L	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		1.0	0.38	ug/L	1
Pentachlorophenol	87-86-5	8270D	ND		5.0	0.54	ug/L	1
Phenanthrene	85-01-8	8270D	ND		1.0	0.18	ug/L	1
Phenol	108-95-2	8270D	ND		1.0	0.11	ug/L	1
Pyrene	129-00-0	8270D	ND		1.0	0.16	ug/L	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		1.0	0.18	ug/L	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		1.0	0.22	ug/L	1

Surrogate	Q	Run 1 % Recovery	Run 1 Acceptance Limits	Q	Run 2 % Recovery	Run 2 Acceptance Limits
2-Fluorobiphenyl		88	37-129	H	46	37-129
2-Fluorophenol		74	24-127	H	27	24-127
Nitrobenzene-d5		71	38-127	H	43	38-127
Phenol-d5		66	28-128	HN	19	28-128
Terphenyl-d14		65	10-148	H	50	10-148
2,4,6-Tribromophenol		71	41-144	H	51	41-144

PQL = Practical quantitation limit
B = Detected in the method blank
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ND = Not detected at or above the MDL
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P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-008
Description: PMW-6 (1-26-10)
Matrix: Aqueous
Date Sampled: 01/26/2010 0945
Date Received: 01/28/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/30/2010 0508	DLB		26605

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	2.5	J	10	0.061	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	0.027	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	0.17	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	0.010	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	0.20	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	0.085	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	0.17	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	0.17	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	0.17	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	0.17	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	0.30	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	0.069	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	0.061	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	0.17	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	0.17	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	0.071	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	0.054	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	0.023	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	0.079	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	0.094	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	0.087	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	0.081	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	0.18	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	0.090	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	0.029	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	0.019	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	0.20	BJ	0.50	0.17	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	0.015	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	0.013	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	0.014	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	0.17	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	0.029	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	0.031	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-008
Description: PMW-6 (1-26-10)
Matrix: Aqueous
Date Sampled: 01/26/2010 0945
Date Received: 01/28/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/30/2010 0508	DLB		26605

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	0.024	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	0.051	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	0.065	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	0.17	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		109	70-130
Bromofluorobenzene		105	70-130
Toluene-d8		106	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Semivolatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-008
Description: PMW-6 (1-26-10)
Matrix: Aqueous
Date Sampled: 01/26/2010 0945
Date Received: 01/28/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	02/01/2010 1923	GLR	01/29/2010 1829	26497
2	3520C	8270D	1	02/03/2010 2134	GLR	02/03/2010 1520	26818

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270D	ND		1.0	0.091	ug/L	1
Acenaphthylene	208-96-8	8270D	ND		1.0	0.16	ug/L	1
Acetophenone	98-86-2	8270D	ND		1.0	0.32	ug/L	1
Anthracene	120-12-7	8270D	ND		1.0	0.13	ug/L	1
Atrazine	1912-24-9	8270D	ND		1.0	0.20	ug/L	1
Benzaldehyde	100-52-7	8270D	ND		5.1	1.0	ug/L	1
Benzo(a)anthracene	56-55-3	8270D	ND		1.0	0.15	ug/L	1
Benzo(a)pyrene	50-32-8	8270D	ND	H	1.0	0.16	ug/L	2
Benzo(b)fluoranthene	205-99-2	8270D	ND	H	1.0	0.20	ug/L	2
Benzo(g,h,i)perylene	191-24-2	8270D	ND	H	1.0	0.23	ug/L	2
Benzo(k)fluoranthene	207-08-9	8270D	ND	H	1.0	0.12	ug/L	2
1,1'-Biphenyl	92-52-4	8270D	ND		1.0	0.20	ug/L	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		1.0	0.12	ug/L	1
Butyl benzyl phthalate	85-68-7	8270D	ND		5.1	1.7	ug/L	1
Caprolactam	105-60-2	8270D	ND		5.1	1.2	ug/L	1
Carbazole	86-74-8	8270D	ND		1.0	0.25	ug/L	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		1.0	0.22	ug/L	1
4-Chloroaniline	106-47-8	8270D	ND		1.0	0.13	ug/L	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		1.0	0.13	ug/L	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		1.0	0.13	ug/L	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		1.0	0.081	ug/L	1
2-Chloronaphthalene	91-58-7	8270D	ND		1.0	0.12	ug/L	1
2-Chlorophenol	95-57-8	8270D	ND		1.0	0.13	ug/L	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		1.0	0.11	ug/L	1
Chrysene	218-01-9	8270D	ND		1.0	0.12	ug/L	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND	H	1.0	0.13	ug/L	2
Dibenzofuran	132-64-9	8270D	ND		1.0	0.16	ug/L	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		5.1	0.82	ug/L	1
2,4-Dichlorophenol	120-83-2	8270D	ND		1.0	0.15	ug/L	1
Diethylphthalate	84-66-2	8270D	ND		5.1	1.7	ug/L	1
Dimethyl phthalate	131-11-3	8270D	ND		5.1	1.7	ug/L	1
2,4-Dimethylphenol	105-67-9	8270D	ND		1.0	0.31	ug/L	1
Di-n-butyl phthalate	84-74-2	8270D	ND		5.1	1.7	ug/L	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		5.1	1.5	ug/L	1
2,4-Dinitrophenol	51-28-5	8270D	ND		5.1	0.25	ug/L	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		2.0	0.45	ug/L	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		2.0	0.40	ug/L	1
Di-n-octylphthalate	117-84-0	8270D	ND	H	5.1	1.7	ug/L	2
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		5.1	1.7	ug/L	1
Fluoranthene	206-44-0	8270D	ND		1.0	0.21	ug/L	1
Fluorene	86-73-7	8270D	ND		1.0	0.10	ug/L	1
Hexachlorobenzene	118-74-1	8270D	ND		1.0	0.21	ug/L	1
Hexachlorobutadiene	87-68-3	8270D	ND		1.0	0.091	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Semivolatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-008
Description: PMW-6 (1-26-10)
Matrix: Aqueous
Date Sampled: 01/26/2010 0945
Date Received: 01/28/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	02/01/2010 1923	GLR	01/29/2010 1829	26497
2	3520C	8270D	1	02/03/2010 2134	GLR	02/03/2010 1520	26818

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Hexachlorocyclopentadiene	77-47-4	8270D	ND		5.1	0.23	ug/L	1
Hexachloroethane	67-72-1	8270D	ND		1.0	0.11	ug/L	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND	H	1.0	0.23	ug/L	2
Isophorone	78-59-1	8270D	ND		1.0	0.081	ug/L	1
2-Methylnaphthalene	91-57-6	8270D	ND		1.0	0.081	ug/L	1
2-Methylphenol	95-48-7	8270D	ND		1.0	0.17	ug/L	1
3 & 4-Methylphenol	106-44-5	8270D	ND		2.0	0.58	ug/L	1
Naphthalene	91-20-3	8270D	ND		1.0	0.071	ug/L	1
2-Nitroaniline	88-74-4	8270D	ND		2.0	0.56	ug/L	1
3-Nitroaniline	99-09-2	8270D	ND		2.0	0.78	ug/L	1
4-Nitroaniline	100-01-6	8270D	ND		2.0	0.39	ug/L	1
Nitrobenzene	98-95-3	8270D	ND		1.0	0.10	ug/L	1
2-Nitrophenol	88-75-5	8270D	ND		2.0	0.27	ug/L	1
4-Nitrophenol	100-02-7	8270D	ND		5.1	0.65	ug/L	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		1.0	0.081	ug/L	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		1.0	0.38	ug/L	1
Pentachlorophenol	87-86-5	8270D	ND		5.1	0.55	ug/L	1
Phenanthrene	85-01-8	8270D	ND		1.0	0.18	ug/L	1
Phenol	108-95-2	8270D	ND		1.0	0.11	ug/L	1
Pyrene	129-00-0	8270D	ND		1.0	0.16	ug/L	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		1.0	0.18	ug/L	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		1.0	0.22	ug/L	1

Surrogate	Q	Run 1 % Recovery	Run 1 Acceptance Limits	Q	Run 2 % Recovery	Run 2 Acceptance Limits
2-Fluorobiphenyl		81	37-129	H	51	37-129
2-Fluorophenol		66	24-127	H	36	24-127
Nitrobenzene-d5		68	38-127	H	52	38-127
Phenol-d5		63	28-128	HN	24	28-128
Terphenyl-d14		73	10-148	H	46	10-148
2,4,6-Tribromophenol		66	41-144	H	41	41-144

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-009
Description: PMW-6D (1-26-10)
Matrix: Aqueous
Date Sampled: 01/26/2010 1115
Date Received: 01/28/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/30/2010 0530	DLB		26605

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	2.8	J	10	0.061	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	0.027	ug/L	1
Bromodichloromethane	75-27-4	8260B	0.20	J	0.50	0.17	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	0.010	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	0.20	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	0.085	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	0.17	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	0.17	ug/L	1
Chloroform	67-66-3	8260B	0.34	J	0.50	0.17	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	0.17	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	0.30	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	0.069	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	0.061	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	0.17	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	0.17	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	0.071	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	0.054	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	0.023	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	0.079	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	0.094	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	0.087	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	0.081	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	0.18	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	0.090	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	0.029	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	0.019	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	0.21	BJ	0.50	0.17	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	0.015	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	0.013	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	0.014	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	0.17	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	0.029	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	0.031	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-009
Description: PMW-6D (1-26-10)
Matrix: Aqueous
Date Sampled: 01/26/2010 1115
Date Received: 01/28/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/30/2010 0530	DLB		26605

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	0.024	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	0.051	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	0.065	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	0.17	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		107	70-130
Bromofluorobenzene		105	70-130
Toluene-d8		107	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Semivolatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-009
Description: PMW-6D (1-26-10)
Matrix: Aqueous
Date Sampled: 01/26/2010 1115
Date Received: 01/28/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	02/01/2010 1943	GLR	01/29/2010 1829	26497

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270D	ND		1.0	0.091	ug/L	1
Acenaphthylene	208-96-8	8270D	ND		1.0	0.16	ug/L	1
Acetophenone	98-86-2	8270D	ND		1.0	0.32	ug/L	1
Anthracene	120-12-7	8270D	ND		1.0	0.13	ug/L	1
Atrazine	1912-24-9	8270D	ND		1.0	0.20	ug/L	1
Benzaldehyde	100-52-7	8270D	ND		5.1	1.0	ug/L	1
Benzo(a)anthracene	56-55-3	8270D	ND		1.0	0.15	ug/L	1
Benzo(a)pyrene	50-32-8	8270D	ND		1.0	0.16	ug/L	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		1.0	0.20	ug/L	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		1.0	0.23	ug/L	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		1.0	0.12	ug/L	1
1,1'-Biphenyl	92-52-4	8270D	ND		1.0	0.20	ug/L	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		1.0	0.12	ug/L	1
Butyl benzyl phthalate	85-68-7	8270D	ND		5.1	1.7	ug/L	1
Caprolactam	105-60-2	8270D	1.8	J	5.1	1.2	ug/L	1
Carbazole	86-74-8	8270D	ND		1.0	0.25	ug/L	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		1.0	0.22	ug/L	1
4-Chloroaniline	106-47-8	8270D	ND		1.0	0.13	ug/L	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		1.0	0.13	ug/L	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		1.0	0.13	ug/L	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		1.0	0.081	ug/L	1
2-Chloronaphthalene	91-58-7	8270D	ND		1.0	0.12	ug/L	1
2-Chlorophenol	95-57-8	8270D	ND		1.0	0.13	ug/L	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		1.0	0.11	ug/L	1
Chrysene	218-01-9	8270D	ND		1.0	0.12	ug/L	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		1.0	0.13	ug/L	1
Dibenzofuran	132-64-9	8270D	ND		1.0	0.16	ug/L	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		5.1	0.82	ug/L	1
2,4-Dichlorophenol	120-83-2	8270D	ND		1.0	0.15	ug/L	1
Diethylphthalate	84-66-2	8270D	ND		5.1	1.7	ug/L	1
Dimethyl phthalate	131-11-3	8270D	ND		5.1	1.7	ug/L	1
2,4-Dimethylphenol	105-67-9	8270D	ND		1.0	0.31	ug/L	1
Di-n-butyl phthalate	84-74-2	8270D	ND		5.1	1.7	ug/L	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		5.1	1.5	ug/L	1
2,4-Dinitrophenol	51-28-5	8270D	ND		5.1	0.25	ug/L	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		2.0	0.45	ug/L	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		2.0	0.40	ug/L	1
Di-n-octylphthalate	117-84-0	8270D	ND		5.1	1.7	ug/L	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		5.1	1.7	ug/L	1
Fluoranthene	206-44-0	8270D	ND		1.0	0.21	ug/L	1
Fluorene	86-73-7	8270D	ND		1.0	0.10	ug/L	1
Hexachlorobenzene	118-74-1	8270D	ND		1.0	0.21	ug/L	1
Hexachlorobutadiene	87-68-3	8270D	ND		1.0	0.091	ug/L	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		5.1	0.23	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Semivolatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-009
Description: PMW-6D (1-26-10)
Matrix: Aqueous
Date Sampled: 01/26/2010 1115
Date Received: 01/28/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	02/01/2010 1943	GLR	01/29/2010 1829	26497

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		1.0	0.11	ug/L	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		1.0	0.23	ug/L	1
Isophorone	78-59-1	8270D	ND		1.0	0.081	ug/L	1
2-Methylnaphthalene	91-57-6	8270D	ND		1.0	0.081	ug/L	1
2-Methylphenol	95-48-7	8270D	ND		1.0	0.17	ug/L	1
3 & 4-Methylphenol	106-44-5	8270D	ND		2.0	0.58	ug/L	1
Naphthalene	91-20-3	8270D	ND		1.0	0.071	ug/L	1
2-Nitroaniline	88-74-4	8270D	ND		2.0	0.56	ug/L	1
3-Nitroaniline	99-09-2	8270D	ND		2.0	0.78	ug/L	1
4-Nitroaniline	100-01-6	8270D	ND		2.0	0.39	ug/L	1
Nitrobenzene	98-95-3	8270D	ND		1.0	0.10	ug/L	1
2-Nitrophenol	88-75-5	8270D	ND		2.0	0.27	ug/L	1
4-Nitrophenol	100-02-7	8270D	ND		5.1	0.65	ug/L	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		1.0	0.081	ug/L	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		1.0	0.38	ug/L	1
Pentachlorophenol	87-86-5	8270D	ND		5.1	0.55	ug/L	1
Phenanthrene	85-01-8	8270D	ND		1.0	0.18	ug/L	1
Phenol	108-95-2	8270D	ND		1.0	0.11	ug/L	1
Pyrene	129-00-0	8270D	ND		1.0	0.16	ug/L	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		1.0	0.18	ug/L	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		1.0	0.22	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2-Fluorobiphenyl		75	37-129
2-Fluorophenol		71	24-127
Nitrobenzene-d5		73	38-127
Phenol-d5		73	28-128
Terphenyl-d14		68	10-148
2,4,6-Tribromophenol		71	41-144

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-010
Description: PMW-8D (1-26-10)
Matrix: Aqueous
Date Sampled: 01/26/2010 1315
Date Received: 01/28/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/30/2010 0843	DLB		26605

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	5.0	J	10	0.061	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	0.027	ug/L	1
Bromodichloromethane	75-27-4	8260B	0.35	J	0.50	0.17	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	0.010	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	0.20	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	0.31	J	0.50	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	0.085	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	0.17	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	0.17	ug/L	1
Chloroform	67-66-3	8260B	0.85		0.50	0.17	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	0.17	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	0.30	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	0.069	ug/L	1
Dibromochloromethane	124-48-1	8260B	0.21	J	0.50	0.17	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	0.061	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	0.17	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	0.17	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	0.071	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	0.054	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	0.023	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	0.079	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	0.094	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	0.087	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	0.081	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	0.18	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	0.090	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	0.029	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	0.019	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	0.20	BJ	0.50	0.17	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	0.015	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	0.013	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	0.014	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	0.17	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	0.029	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	0.031	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-010
Description: PMW-8D (1-26-10)
Matrix: Aqueous
Date Sampled: 01/26/2010 1315
Date Received: 01/28/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/30/2010 0843	DLB		26605

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	0.024	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	0.051	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	0.065	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	0.17	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		108	70-130
Bromofluorobenzene		106	70-130
Toluene-d8		106	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
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ND = Not detected at or above the MDL
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P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Semivolatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-010
Description: PMW-8D (1-26-10)
Matrix: Aqueous
Date Sampled: 01/26/2010 1315
Date Received: 01/28/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	02/01/2010 2003	GLR	01/29/2010 1829	26497
2	3520C	8270D	1	02/03/2010 2154	GLR	02/03/2010 1520	26818

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270D	ND		1.0	0.090	ug/L	1
Acenaphthylene	208-96-8	8270D	0.62	J	1.0	0.16	ug/L	1
Acetophenone	98-86-2	8270D	ND		1.0	0.32	ug/L	1
Anthracene	120-12-7	8270D	ND		1.0	0.13	ug/L	1
Atrazine	1912-24-9	8270D	ND		1.0	0.20	ug/L	1
Benzaldehyde	100-52-7	8270D	ND		5.0	1.0	ug/L	1
Benzo(a)anthracene	56-55-3	8270D	ND		1.0	0.15	ug/L	1
Benzo(a)pyrene	50-32-8	8270D	ND	H	1.0	0.16	ug/L	2
Benzo(b)fluoranthene	205-99-2	8270D	ND	H	1.0	0.20	ug/L	2
Benzo(g,h,i)perylene	191-24-2	8270D	ND	H	1.0	0.23	ug/L	2
Benzo(k)fluoranthene	207-08-9	8270D	ND	H	1.0	0.12	ug/L	2
1,1'-Biphenyl	92-52-4	8270D	ND		1.0	0.20	ug/L	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		1.0	0.12	ug/L	1
Butyl benzyl phthalate	85-68-7	8270D	ND		5.0	1.7	ug/L	1
Caprolactam	105-60-2	8270D	ND		5.0	1.2	ug/L	1
Carbazole	86-74-8	8270D	ND		1.0	0.25	ug/L	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		1.0	0.22	ug/L	1
4-Chloroaniline	106-47-8	8270D	ND		1.0	0.13	ug/L	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		1.0	0.13	ug/L	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		1.0	0.13	ug/L	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		1.0	0.080	ug/L	1
2-Chloronaphthalene	91-58-7	8270D	ND		1.0	0.12	ug/L	1
2-Chlorophenol	95-57-8	8270D	ND		1.0	0.13	ug/L	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		1.0	0.11	ug/L	1
Chrysene	218-01-9	8270D	ND		1.0	0.12	ug/L	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND	H	1.0	0.13	ug/L	2
Dibenzofuran	132-64-9	8270D	ND		1.0	0.16	ug/L	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		5.0	0.81	ug/L	1
2,4-Dichlorophenol	120-83-2	8270D	ND		1.0	0.15	ug/L	1
Diethylphthalate	84-66-2	8270D	ND		5.0	1.7	ug/L	1
Dimethyl phthalate	131-11-3	8270D	ND		5.0	1.7	ug/L	1
2,4-Dimethylphenol	105-67-9	8270D	ND		1.0	0.31	ug/L	1
Di-n-butyl phthalate	84-74-2	8270D	ND		5.0	1.7	ug/L	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		5.0	1.5	ug/L	1
2,4-Dinitrophenol	51-28-5	8270D	ND		5.0	0.25	ug/L	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		2.0	0.45	ug/L	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		2.0	0.40	ug/L	1
Di-n-octylphthalate	117-84-0	8270D	ND	H	5.1	1.7	ug/L	2
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		5.0	1.7	ug/L	1
Fluoranthene	206-44-0	8270D	ND		1.0	0.21	ug/L	1
Fluorene	86-73-7	8270D	ND		1.0	0.10	ug/L	1
Hexachlorobenzene	118-74-1	8270D	ND		1.0	0.21	ug/L	1
Hexachlorobutadiene	87-68-3	8270D	ND		1.0	0.090	ug/L	1

PQL = Practical quantitation limit
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P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Semivolatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-010
Description: PMW-8D (1-26-10)
Matrix: Aqueous
Date Sampled: 01/26/2010 1315
Date Received: 01/28/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	02/01/2010 2003	GLR	01/29/2010 1829	26497
2	3520C	8270D	1	02/03/2010 2154	GLR	02/03/2010 1520	26818

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Hexachlorocyclopentadiene	77-47-4	8270D	ND		5.0	0.23	ug/L	1
Hexachloroethane	67-72-1	8270D	ND		1.0	0.11	ug/L	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND	H	1.0	0.23	ug/L	2
Isophorone	78-59-1	8270D	ND		1.0	0.080	ug/L	1
2-Methylnaphthalene	91-57-6	8270D	ND		1.0	0.080	ug/L	1
2-Methylphenol	95-48-7	8270D	ND		1.0	0.17	ug/L	1
3 & 4-Methylphenol	106-44-5	8270D	ND		2.0	0.57	ug/L	1
Naphthalene	91-20-3	8270D	ND		1.0	0.070	ug/L	1
2-Nitroaniline	88-74-4	8270D	ND		2.0	0.55	ug/L	1
3-Nitroaniline	99-09-2	8270D	ND		2.0	0.77	ug/L	1
4-Nitroaniline	100-01-6	8270D	ND		2.0	0.39	ug/L	1
Nitrobenzene	98-95-3	8270D	ND		1.0	0.10	ug/L	1
2-Nitrophenol	88-75-5	8270D	ND		2.0	0.27	ug/L	1
4-Nitrophenol	100-02-7	8270D	ND		5.0	0.64	ug/L	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		1.0	0.080	ug/L	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		1.0	0.38	ug/L	1
Pentachlorophenol	87-86-5	8270D	ND		5.0	0.54	ug/L	1
Phenanthrene	85-01-8	8270D	ND		1.0	0.18	ug/L	1
Phenol	108-95-2	8270D	ND		1.0	0.11	ug/L	1
Pyrene	129-00-0	8270D	ND		1.0	0.16	ug/L	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		1.0	0.18	ug/L	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		1.0	0.22	ug/L	1

Surrogate	Q	Run 1 % Recovery	Run 1 Acceptance Limits	Q	Run 2 % Recovery	Run 2 Acceptance Limits
2-Fluorobiphenyl		73	37-129	H	45	37-129
2-Fluorophenol		60	24-127	H	27	24-127
Nitrobenzene-d5		67	38-127	H	48	38-127
Phenol-d5	N	15	28-128	HN	20	28-128
Terphenyl-d14		29	10-148	H	47	10-148
2,4,6-Tribromophenol		60	41-144	H	42	41-144

PQL = Practical quantitation limit
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J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-011
Description: PMW-8 (1-26-10)
Matrix: Aqueous
Date Sampled: 01/26/2010 1420
Date Received: 01/28/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/30/2010 0551	DLB		26605

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	3.1	J	10	0.061	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	0.027	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	0.17	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	0.010	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	0.20	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	0.085	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	0.17	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	0.17	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	0.17	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	0.17	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	0.30	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	0.069	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	0.061	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	0.17	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	0.17	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	0.071	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	0.054	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	0.023	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	0.079	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	0.094	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	0.087	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	0.081	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	0.18	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	0.090	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	0.029	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	0.019	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	0.18	BJ	0.50	0.17	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	0.015	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	0.013	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	0.014	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	0.17	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	0.029	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	0.031	ug/L	1

PQL = Practical quantitation limit
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P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
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Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-011
Description: PMW-8 (1-26-10)
Matrix: Aqueous
Date Sampled: 01/26/2010 1420
Date Received: 01/28/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/30/2010 0551	DLB		26605

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	0.024	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	0.051	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	0.065	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	0.17	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		108	70-130
Bromofluorobenzene		104	70-130
Toluene-d8		107	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Semivolatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-011
Description: PMW-8 (1-26-10)
Matrix: Aqueous
Date Sampled: 01/26/2010 1420
Date Received: 01/28/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	02/02/2010 1714	GLR	01/29/2010 1829	26497
2	3520C	8270D	1	02/03/2010 2214	GLR	02/03/2010 1520	26818

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270D	ND		1.0	0.090	ug/L	1
Acenaphthylene	208-96-8	8270D	ND		1.0	0.16	ug/L	1
Acetophenone	98-86-2	8270D	ND		1.0	0.32	ug/L	1
Anthracene	120-12-7	8270D	ND		1.0	0.13	ug/L	1
Atrazine	1912-24-9	8270D	ND		1.0	0.20	ug/L	1
Benzaldehyde	100-52-7	8270D	ND		5.0	1.0	ug/L	1
Benzo(a)anthracene	56-55-3	8270D	ND		1.0	0.15	ug/L	1
Benzo(a)pyrene	50-32-8	8270D	ND	H	1.0	0.16	ug/L	2
Benzo(b)fluoranthene	205-99-2	8270D	ND	H	1.0	0.20	ug/L	2
Benzo(g,h,i)perylene	191-24-2	8270D	ND	H	1.0	0.23	ug/L	2
Benzo(k)fluoranthene	207-08-9	8270D	ND	H	1.0	0.12	ug/L	2
1,1'-Biphenyl	92-52-4	8270D	ND		1.0	0.20	ug/L	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		1.0	0.12	ug/L	1
Butyl benzyl phthalate	85-68-7	8270D	ND		5.0	1.7	ug/L	1
Caprolactam	105-60-2	8270D	1.7	J	5.0	1.2	ug/L	1
Carbazole	86-74-8	8270D	ND		1.0	0.25	ug/L	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		1.0	0.22	ug/L	1
4-Chloroaniline	106-47-8	8270D	ND		1.0	0.13	ug/L	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		1.0	0.13	ug/L	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		1.0	0.13	ug/L	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		1.0	0.080	ug/L	1
2-Chloronaphthalene	91-58-7	8270D	ND		1.0	0.12	ug/L	1
2-Chlorophenol	95-57-8	8270D	ND		1.0	0.13	ug/L	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		1.0	0.11	ug/L	1
Chrysene	218-01-9	8270D	ND		1.0	0.12	ug/L	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND	H	1.0	0.13	ug/L	2
Dibenzofuran	132-64-9	8270D	ND		1.0	0.16	ug/L	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		5.0	0.81	ug/L	1
2,4-Dichlorophenol	120-83-2	8270D	ND		1.0	0.15	ug/L	1
Diethylphthalate	84-66-2	8270D	ND		5.0	1.7	ug/L	1
Dimethyl phthalate	131-11-3	8270D	ND		5.0	1.7	ug/L	1
2,4-Dimethylphenol	105-67-9	8270D	ND		1.0	0.31	ug/L	1
Di-n-butyl phthalate	84-74-2	8270D	ND		5.0	1.7	ug/L	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		5.0	1.5	ug/L	1
2,4-Dinitrophenol	51-28-5	8270D	ND		5.0	0.25	ug/L	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		2.0	0.45	ug/L	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		2.0	0.40	ug/L	1
Di-n-octylphthalate	117-84-0	8270D	ND	H	5.1	1.7	ug/L	2
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		5.0	1.7	ug/L	1
Fluoranthene	206-44-0	8270D	ND		1.0	0.21	ug/L	1
Fluorene	86-73-7	8270D	ND		1.0	0.10	ug/L	1
Hexachlorobenzene	118-74-1	8270D	ND		1.0	0.21	ug/L	1
Hexachlorobutadiene	87-68-3	8270D	ND		1.0	0.090	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
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Semivolatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-011
Description: PMW-8 (1-26-10)
Matrix: Aqueous
Date Sampled: 01/26/2010 1420
Date Received: 01/28/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	02/02/2010 1714	GLR	01/29/2010 1829	26497
2	3520C	8270D	1	02/03/2010 2214	GLR	02/03/2010 1520	26818

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Hexachlorocyclopentadiene	77-47-4	8270D	ND		5.0	0.23	ug/L	1
Hexachloroethane	67-72-1	8270D	ND		1.0	0.11	ug/L	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND	H	1.0	0.23	ug/L	2
Isophorone	78-59-1	8270D	ND		1.0	0.080	ug/L	1
2-Methylnaphthalene	91-57-6	8270D	ND		1.0	0.080	ug/L	1
2-Methylphenol	95-48-7	8270D	ND		1.0	0.17	ug/L	1
3 & 4-Methylphenol	106-44-5	8270D	ND		2.0	0.57	ug/L	1
Naphthalene	91-20-3	8270D	ND		1.0	0.070	ug/L	1
2-Nitroaniline	88-74-4	8270D	ND		2.0	0.55	ug/L	1
3-Nitroaniline	99-09-2	8270D	ND		2.0	0.77	ug/L	1
4-Nitroaniline	100-01-6	8270D	ND		2.0	0.39	ug/L	1
Nitrobenzene	98-95-3	8270D	ND		1.0	0.10	ug/L	1
2-Nitrophenol	88-75-5	8270D	ND		2.0	0.27	ug/L	1
4-Nitrophenol	100-02-7	8270D	ND		5.0	0.64	ug/L	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		1.0	0.080	ug/L	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		1.0	0.38	ug/L	1
Pentachlorophenol	87-86-5	8270D	ND		5.0	0.54	ug/L	1
Phenanthrene	85-01-8	8270D	ND		1.0	0.18	ug/L	1
Phenol	108-95-2	8270D	ND		1.0	0.11	ug/L	1
Pyrene	129-00-0	8270D	ND		1.0	0.16	ug/L	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		1.0	0.18	ug/L	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		1.0	0.22	ug/L	1

Surrogate	Run 1 Q	Run 1 % Recovery	Run 1 Acceptance Limits	Run 2 Q	Run 2 % Recovery	Run 2 Acceptance Limits
2-Fluorobiphenyl	N	133	37-129	H	54	37-129
2-Fluorophenol		64	24-127	H	33	24-127
Nitrobenzene-d5		82	38-127	H	58	38-127
Phenol-d5		64	28-128	HN	23	28-128
Terphenyl-d14		89	10-148	H	47	10-148
2,4,6-Tribromophenol		74	41-144	H	46	41-144

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Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
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Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-012
Description: PMW-7D (1-26-10)
Matrix: Aqueous
Date Sampled: 01/26/2010 1545
Date Received: 01/28/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/30/2010 0613	DLB		26605

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	2.6	J	10	0.061	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	0.027	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	0.17	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	0.010	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	0.20	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	0.085	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	0.17	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	0.17	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	0.17	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	0.17	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	0.30	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	0.069	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	0.061	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	0.17	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	0.17	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	0.071	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	0.054	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	0.023	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	0.079	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	0.094	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	0.087	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	0.081	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	0.18	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	0.090	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	0.029	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	0.019	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	0.18	BJ	0.50	0.17	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	0.015	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	0.013	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	0.014	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	0.17	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	0.029	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	0.031	ug/L	1

PQL = Practical quantitation limit
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Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
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Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-012
Description: PMW-7D (1-26-10)
Matrix: Aqueous
Date Sampled: 01/26/2010 1545
Date Received: 01/28/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/30/2010 0613	DLB		26605

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	0.024	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	0.051	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	0.065	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	0.17	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		106	70-130
Bromofluorobenzene		103	70-130
Toluene-d8		106	70-130

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Semivolatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-012
Description: PMW-7D (1-26-10)
Matrix: Aqueous
Date Sampled: 01/26/2010 1545
Date Received: 01/28/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	02/01/2010 2043	GLR	01/29/2010 1829	26497
2	3520C	8270D	1	02/03/2010 2234	GLR	02/03/2010 1520	26818

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270D	ND		1.0	0.090	ug/L	1
Acenaphthylene	208-96-8	8270D	ND		1.0	0.16	ug/L	1
Acetophenone	98-86-2	8270D	ND		1.0	0.32	ug/L	1
Anthracene	120-12-7	8270D	ND		1.0	0.13	ug/L	1
Atrazine	1912-24-9	8270D	ND		1.0	0.20	ug/L	1
Benzaldehyde	100-52-7	8270D	ND		5.0	1.0	ug/L	1
Benzo(a)anthracene	56-55-3	8270D	ND		1.0	0.15	ug/L	1
Benzo(a)pyrene	50-32-8	8270D	ND	H	1.0	0.16	ug/L	2
Benzo(b)fluoranthene	205-99-2	8270D	ND	H	1.0	0.20	ug/L	2
Benzo(g,h,i)perylene	191-24-2	8270D	ND	H	1.0	0.23	ug/L	2
Benzo(k)fluoranthene	207-08-9	8270D	ND	H	1.0	0.12	ug/L	2
1,1'-Biphenyl	92-52-4	8270D	ND		1.0	0.20	ug/L	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		1.0	0.12	ug/L	1
Butyl benzyl phthalate	85-68-7	8270D	ND		5.0	1.7	ug/L	1
Caprolactam	105-60-2	8270D	ND		5.0	1.2	ug/L	1
Carbazole	86-74-8	8270D	ND		1.0	0.25	ug/L	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		1.0	0.22	ug/L	1
4-Chloroaniline	106-47-8	8270D	ND		1.0	0.13	ug/L	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		1.0	0.13	ug/L	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		1.0	0.13	ug/L	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		1.0	0.080	ug/L	1
2-Chloronaphthalene	91-58-7	8270D	ND		1.0	0.12	ug/L	1
2-Chlorophenol	95-57-8	8270D	ND		1.0	0.13	ug/L	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		1.0	0.11	ug/L	1
Chrysene	218-01-9	8270D	ND		1.0	0.12	ug/L	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND	H	1.0	0.13	ug/L	2
Dibenzofuran	132-64-9	8270D	ND		1.0	0.16	ug/L	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		5.0	0.81	ug/L	1
2,4-Dichlorophenol	120-83-2	8270D	ND		1.0	0.15	ug/L	1
Diethylphthalate	84-66-2	8270D	ND		5.0	1.7	ug/L	1
Dimethyl phthalate	131-11-3	8270D	ND		5.0	1.7	ug/L	1
2,4-Dimethylphenol	105-67-9	8270D	ND		1.0	0.31	ug/L	1
Di-n-butyl phthalate	84-74-2	8270D	ND		5.0	1.7	ug/L	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		5.0	1.5	ug/L	1
2,4-Dinitrophenol	51-28-5	8270D	ND		5.0	0.25	ug/L	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		2.0	0.45	ug/L	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		2.0	0.40	ug/L	1
Di-n-octylphthalate	117-84-0	8270D	ND	H	5.1	1.7	ug/L	2
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		5.0	1.7	ug/L	1
Fluoranthene	206-44-0	8270D	ND		1.0	0.21	ug/L	1
Fluorene	86-73-7	8270D	ND		1.0	0.10	ug/L	1
Hexachlorobenzene	118-74-1	8270D	ND		1.0	0.21	ug/L	1
Hexachlorobutadiene	87-68-3	8270D	ND		1.0	0.090	ug/L	1

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Semivolatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-012
Description: PMW-7D (1-26-10)
Matrix: Aqueous
Date Sampled: 01/26/2010 1545
Date Received: 01/28/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	02/01/2010 2043	GLR	01/29/2010 1829	26497
2	3520C	8270D	1	02/03/2010 2234	GLR	02/03/2010 1520	26818

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Hexachlorocyclopentadiene	77-47-4	8270D	ND		5.0	0.23	ug/L	1
Hexachloroethane	67-72-1	8270D	ND		1.0	0.11	ug/L	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND	H	1.0	0.23	ug/L	2
Isophorone	78-59-1	8270D	ND		1.0	0.080	ug/L	1
2-Methylnaphthalene	91-57-6	8270D	ND		1.0	0.080	ug/L	1
2-Methylphenol	95-48-7	8270D	ND		1.0	0.17	ug/L	1
3 & 4-Methylphenol	106-44-5	8270D	ND		2.0	0.57	ug/L	1
Naphthalene	91-20-3	8270D	ND		1.0	0.070	ug/L	1
2-Nitroaniline	88-74-4	8270D	ND		2.0	0.55	ug/L	1
3-Nitroaniline	99-09-2	8270D	ND		2.0	0.77	ug/L	1
4-Nitroaniline	100-01-6	8270D	ND		2.0	0.39	ug/L	1
Nitrobenzene	98-95-3	8270D	ND		1.0	0.10	ug/L	1
2-Nitrophenol	88-75-5	8270D	ND		2.0	0.27	ug/L	1
4-Nitrophenol	100-02-7	8270D	ND		5.0	0.64	ug/L	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		1.0	0.080	ug/L	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		1.0	0.38	ug/L	1
Pentachlorophenol	87-86-5	8270D	ND		5.0	0.54	ug/L	1
Phenanthrene	85-01-8	8270D	ND		1.0	0.18	ug/L	1
Phenol	108-95-2	8270D	ND		1.0	0.11	ug/L	1
Pyrene	129-00-0	8270D	ND		1.0	0.16	ug/L	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		1.0	0.18	ug/L	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		1.0	0.22	ug/L	1

Surrogate	Q	Run 1 % Recovery	Run 1 Acceptance Limits	Q	Run 2 % Recovery	Run 2 Acceptance Limits
2-Fluorobiphenyl		94	37-129	H	50	37-129
2-Fluorophenol		72	24-127	H	32	24-127
Nitrobenzene-d5		71	38-127	H	49	38-127
Phenol-d5		64	28-128	HN	19	28-128
Terphenyl-d14		73	10-148	H	47	10-148
2,4,6-Tribromophenol		68	41-144	HN	38	41-144

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-013
Description: PMW-7 (1-26-10)
Matrix: Aqueous
Date Sampled: 01/26/2010 1715
Date Received: 01/28/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/30/2010 0634	DLB		26605

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	3.4	J	10	0.061	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	0.027	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	0.17	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	0.010	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	0.20	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	0.11	J	0.50	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	0.085	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	0.17	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	0.17	ug/L	1
Chloroform	67-66-3	8260B	0.19	J	0.50	0.17	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	0.17	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	0.30	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	0.069	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	0.061	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	0.17	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	0.17	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	0.071	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	0.054	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	0.023	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	0.079	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	0.094	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	0.087	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	0.081	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	0.18	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	0.090	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	0.029	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	0.019	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	0.21	BJ	0.50	0.17	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	0.015	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	0.013	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	0.014	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	0.17	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	0.029	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	0.031	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-013
Description: PMW-7 (1-26-10)
Matrix: Aqueous
Date Sampled: 01/26/2010 1715
Date Received: 01/28/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/30/2010 0634	DLB		26605

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	0.024	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	0.051	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	0.065	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	0.17	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		107	70-130
Bromofluorobenzene		104	70-130
Toluene-d8		105	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Semivolatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-013
Description: PMW-7 (1-26-10)
Matrix: Aqueous
Date Sampled: 01/26/2010 1715
Date Received: 01/28/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	02/01/2010 2103	GLR	01/29/2010 1829	26497

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270D	ND		1.0	0.091	ug/L	1
Acenaphthylene	208-96-8	8270D	ND		1.0	0.16	ug/L	1
Acetophenone	98-86-2	8270D	ND		1.0	0.32	ug/L	1
Anthracene	120-12-7	8270D	ND		1.0	0.13	ug/L	1
Atrazine	1912-24-9	8270D	ND		1.0	0.20	ug/L	1
Benzaldehyde	100-52-7	8270D	ND		5.1	1.0	ug/L	1
Benzo(a)anthracene	56-55-3	8270D	ND		1.0	0.15	ug/L	1
Benzo(a)pyrene	50-32-8	8270D	ND		1.0	0.16	ug/L	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		1.0	0.20	ug/L	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		1.0	0.23	ug/L	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		1.0	0.12	ug/L	1
1,1'-Biphenyl	92-52-4	8270D	ND		1.0	0.20	ug/L	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		1.0	0.12	ug/L	1
Butyl benzyl phthalate	85-68-7	8270D	ND		5.1	1.7	ug/L	1
Caprolactam	105-60-2	8270D	ND		5.1	1.2	ug/L	1
Carbazole	86-74-8	8270D	ND		1.0	0.25	ug/L	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		1.0	0.22	ug/L	1
4-Chloroaniline	106-47-8	8270D	ND		1.0	0.13	ug/L	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		1.0	0.13	ug/L	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		1.0	0.13	ug/L	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		1.0	0.081	ug/L	1
2-Chloronaphthalene	91-58-7	8270D	ND		1.0	0.12	ug/L	1
2-Chlorophenol	95-57-8	8270D	ND		1.0	0.13	ug/L	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		1.0	0.11	ug/L	1
Chrysene	218-01-9	8270D	ND		1.0	0.12	ug/L	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		1.0	0.13	ug/L	1
Dibenzofuran	132-64-9	8270D	ND		1.0	0.16	ug/L	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		5.1	0.82	ug/L	1
2,4-Dichlorophenol	120-83-2	8270D	ND		1.0	0.15	ug/L	1
Diethylphthalate	84-66-2	8270D	ND		5.1	1.7	ug/L	1
Dimethyl phthalate	131-11-3	8270D	ND		5.1	1.7	ug/L	1
2,4-Dimethylphenol	105-67-9	8270D	ND		1.0	0.31	ug/L	1
Di-n-butyl phthalate	84-74-2	8270D	ND		5.1	1.7	ug/L	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		5.1	1.5	ug/L	1
2,4-Dinitrophenol	51-28-5	8270D	ND		5.1	0.25	ug/L	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		2.0	0.45	ug/L	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		2.0	0.40	ug/L	1
Di-n-octylphthalate	117-84-0	8270D	ND		5.1	1.7	ug/L	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		5.1	1.7	ug/L	1
Fluoranthene	206-44-0	8270D	ND		1.0	0.21	ug/L	1
Fluorene	86-73-7	8270D	ND		1.0	0.10	ug/L	1
Hexachlorobenzene	118-74-1	8270D	ND		1.0	0.21	ug/L	1
Hexachlorobutadiene	87-68-3	8270D	ND		1.0	0.091	ug/L	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		5.1	0.23	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Semivolatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LA25013-013
Description: PMW-7 (1-26-10)
Matrix: Aqueous
Date Sampled: 01/26/2010 1715
Date Received: 01/28/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	02/01/2010 2103	GLR	01/29/2010 1829	26497

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		1.0	0.11	ug/L	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		1.0	0.23	ug/L	1
Isophorone	78-59-1	8270D	ND		1.0	0.081	ug/L	1
2-Methylnaphthalene	91-57-6	8270D	ND		1.0	0.081	ug/L	1
2-Methylphenol	95-48-7	8270D	ND		1.0	0.17	ug/L	1
3 & 4-Methylphenol	106-44-5	8270D	ND		2.0	0.58	ug/L	1
Naphthalene	91-20-3	8270D	ND		1.0	0.071	ug/L	1
2-Nitroaniline	88-74-4	8270D	ND		2.0	0.56	ug/L	1
3-Nitroaniline	99-09-2	8270D	ND		2.0	0.78	ug/L	1
4-Nitroaniline	100-01-6	8270D	ND		2.0	0.39	ug/L	1
Nitrobenzene	98-95-3	8270D	ND		1.0	0.10	ug/L	1
2-Nitrophenol	88-75-5	8270D	ND		2.0	0.27	ug/L	1
4-Nitrophenol	100-02-7	8270D	ND		5.1	0.65	ug/L	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		1.0	0.081	ug/L	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		1.0	0.38	ug/L	1
Pentachlorophenol	87-86-5	8270D	ND		5.1	0.55	ug/L	1
Phenanthrene	85-01-8	8270D	ND		1.0	0.18	ug/L	1
Phenol	108-95-2	8270D	ND		1.0	0.11	ug/L	1
Pyrene	129-00-0	8270D	ND		1.0	0.16	ug/L	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		1.0	0.18	ug/L	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		1.0	0.22	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2-Fluorobiphenyl		65	37-129
2-Fluorophenol		51	24-127
Nitrobenzene-d5		52	38-127
Phenol-d5		56	28-128
Terphenyl-d14		62	10-148
2,4,6-Tribromophenol		63	41-144

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

QC Summary

Volatile Organic Compounds by GC/MS - MB

Sample ID: LQ26280-001
Batch: 26280
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	10	0.061	ug/L	01/26/2010 2303
Benzene	ND		1	0.50	0.027	ug/L	01/26/2010 2303
Bromodichloromethane	ND		1	0.50	0.17	ug/L	01/26/2010 2303
Bromoform	ND		1	0.50	0.010	ug/L	01/26/2010 2303
Bromomethane (Methyl bromide)	ND		1	0.50	0.20	ug/L	01/26/2010 2303
2-Butanone (MEK)	ND		1	10	2.0	ug/L	01/26/2010 2303
Carbon disulfide	ND		1	0.50	0.097	ug/L	01/26/2010 2303
Carbon tetrachloride	ND		1	0.50	0.085	ug/L	01/26/2010 2303
Chlorobenzene	ND		1	0.50	0.17	ug/L	01/26/2010 2303
Chloroethane	ND		1	0.50	0.17	ug/L	01/26/2010 2303
Chloroform	ND		1	0.50	0.17	ug/L	01/26/2010 2303
Chloromethane (Methyl chloride)	ND		1	0.50	0.17	ug/L	01/26/2010 2303
Cyclohexane	ND		1	0.50	0.30	ug/L	01/26/2010 2303
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	0.50	0.069	ug/L	01/26/2010 2303
Dibromochloromethane	ND		1	0.50	0.17	ug/L	01/26/2010 2303
1,2-Dibromoethane (EDB)	ND		1	0.50	0.061	ug/L	01/26/2010 2303
1,4-Dichlorobenzene	ND		1	0.50	0.17	ug/L	01/26/2010 2303
1,2-Dichlorobenzene	ND		1	0.50	0.17	ug/L	01/26/2010 2303
1,3-Dichlorobenzene	ND		1	0.50	0.17	ug/L	01/26/2010 2303
Dichlorodifluoromethane	ND		1	0.50	0.071	ug/L	01/26/2010 2303
1,2-Dichloroethane	ND		1	0.50	0.023	ug/L	01/26/2010 2303
1,1-Dichloroethane	ND		1	0.50	0.054	ug/L	01/26/2010 2303
trans-1,2-Dichloroethene	ND		1	0.50	0.079	ug/L	01/26/2010 2303
1,1-Dichloroethene	ND		1	0.50	0.094	ug/L	01/26/2010 2303
cis-1,2-Dichloroethene	ND		1	0.50	0.087	ug/L	01/26/2010 2303
1,2-Dichloropropane	ND		1	0.50	0.081	ug/L	01/26/2010 2303
trans-1,3-Dichloropropene	ND		1	0.50	0.18	ug/L	01/26/2010 2303
cis-1,3-Dichloropropene	ND		1	0.50	0.090	ug/L	01/26/2010 2303
Ethylbenzene	ND		1	0.50	0.17	ug/L	01/26/2010 2303
2-Hexanone	ND		1	10	0.27	ug/L	01/26/2010 2303
Isopropylbenzene	ND		1	0.50	0.029	ug/L	01/26/2010 2303
Methyl acetate	ND		1	1.0	0.30	ug/L	01/26/2010 2303
Methyl tertiary butyl ether (MTBE)	ND		1	0.50	0.019	ug/L	01/26/2010 2303
4-Methyl-2-pentanone	ND		1	10	0.31	ug/L	01/26/2010 2303
Methylcyclohexane	ND		1	5.0	0.95	ug/L	01/26/2010 2303
Methylene chloride	ND		1	0.50	0.17	ug/L	01/26/2010 2303
Styrene	ND		1	0.50	0.015	ug/L	01/26/2010 2303
1,1,2,2-Tetrachloroethane	ND		1	0.50	0.013	ug/L	01/26/2010 2303
Tetrachloroethene	ND		1	0.50	0.014	ug/L	01/26/2010 2303
Toluene	ND		1	0.50	0.17	ug/L	01/26/2010 2303
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	0.50	0.30	ug/L	01/26/2010 2303
1,2,4-Trichlorobenzene	0.23	J	1	0.50	0.17	ug/L	01/26/2010 2303
1,1,1-Trichloroethane	ND		1	0.50	0.029	ug/L	01/26/2010 2303
1,1,2-Trichloroethane	ND		1	0.50	0.031	ug/L	01/26/2010 2303

PQL = Practical quantitation limit
P = The RPD between two GC columns exceeds 40%
N - Recovery is out of criteria
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
+ - RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: LQ26280-001
Batch: 26280
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	0.50	0.024	ug/L	01/26/2010 2303
Trichlorofluoromethane	ND		1	0.50	0.051	ug/L	01/26/2010 2303
Vinyl chloride	ND		1	0.50	0.065	ug/L	01/26/2010 2303
Xylenes (total)	ND		1	0.50	0.17	ug/L	01/26/2010 2303

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		106	70-130
1,2-Dichloroethane-d4		116	70-130
Toluene-d8		111	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: LQ26280-002
Batch: 26280
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	98		1	98	46-153	01/26/2010 2137
Benzene	50	44		1	88	70-130	01/26/2010 2137
Bromodichloromethane	50	45		1	91	70-130	01/26/2010 2137
Bromoform	50	39		1	79	70-130	01/26/2010 2137
Bromomethane (Methyl bromide)	50	48		1	96	60-140	01/26/2010 2137
2-Butanone (MEK)	100	94		1	94	60-140	01/26/2010 2137
Carbon disulfide	50	46		1	91	60-140	01/26/2010 2137
Carbon tetrachloride	50	51		1	102	70-130	01/26/2010 2137
Chlorobenzene	50	45		1	90	70-130	01/26/2010 2137
Chloroethane	50	45		1	90	42-163	01/26/2010 2137
Chloroform	50	48		1	96	70-130	01/26/2010 2137
Chloromethane (Methyl chloride)	50	55		1	109	20-158	01/26/2010 2137
Cyclohexane	50	50		1	99	70-130	01/26/2010 2137
1,2-Dibromo-3-chloropropane (DBCP)	50	48		1	97	70-130	01/26/2010 2137
Dibromochloromethane	50	44		1	88	70-130	01/26/2010 2137
1,2-Dibromoethane (EDB)	50	44		1	88	70-130	01/26/2010 2137
1,4-Dichlorobenzene	50	44		1	89	70-130	01/26/2010 2137
1,2-Dichlorobenzene	50	44		1	89	70-130	01/26/2010 2137
1,3-Dichlorobenzene	50	45		1	89	70-130	01/26/2010 2137
Dichlorodifluoromethane	50	61		1	122	60-140	01/26/2010 2137
1,2-Dichloroethane	50	50		1	100	70-130	01/26/2010 2137
1,1-Dichloroethane	50	47		1	95	70-130	01/26/2010 2137
trans-1,2-Dichloroethene	50	48		1	95	70-130	01/26/2010 2137
1,1-Dichloroethene	50	48		1	96	70-130	01/26/2010 2137
cis-1,2-Dichloroethene	50	54		1	107	70-130	01/26/2010 2137
1,2-Dichloropropane	50	44		1	88	70-130	01/26/2010 2137
trans-1,3-Dichloropropene	50	42		1	84	70-130	01/26/2010 2137
cis-1,3-Dichloropropene	50	42		1	84	70-130	01/26/2010 2137
Ethylbenzene	50	45		1	90	70-130	01/26/2010 2137
2-Hexanone	100	79		1	79	60-140	01/26/2010 2137
Isopropylbenzene	50	47		1	95	70-130	01/26/2010 2137
Methyl acetate	50	54		1	109	15-128	01/26/2010 2137
Methyl tertiary butyl ether (MTBE)	50	53		1	107	70-130	01/26/2010 2137
4-Methyl-2-pentanone	100	86		1	86	60-140	01/26/2010 2137
Methylcyclohexane	50	51		1	102	70-130	01/26/2010 2137
Methylene chloride	50	47		1	95	70-130	01/26/2010 2137
Styrene	50	46		1	92	70-130	01/26/2010 2137
1,1,2,2-Tetrachloroethane	50	47		1	94	70-130	01/26/2010 2137
Tetrachloroethene	50	48		1	96	70-130	01/26/2010 2137
Toluene	50	44		1	87	70-130	01/26/2010 2137
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	49		1	98	70-130	01/26/2010 2137
1,2,4-Trichlorobenzene	50	44		1	89	70-130	01/26/2010 2137
1,1,1-Trichloroethane	50	48		1	97	70-130	01/26/2010 2137
1,1,2-Trichloroethane	50	45		1	90	70-130	01/26/2010 2137

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: LQ26280-002
Batch: 26280
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	46		1	93	70-130	01/26/2010 2137
Trichlorofluoromethane	50	54		1	108	60-140	01/26/2010 2137
Vinyl chloride	50	49		1	99	60-140	01/26/2010 2137
Xylenes (total)	100	91		1	91	70-130	01/26/2010 2137

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		103	70-130
1,2-Dichloroethane-d4		113	70-130
Toluene-d8		111	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: LQ26280-003
Batch: 26280
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	92		1	92	6.9	46-153	20	01/26/2010 2159
Benzene	50	44		1	88	0.23	70-130	20	01/26/2010 2159
Bromodichloromethane	50	46		1	92	1.7	70-130	20	01/26/2010 2159
Bromoform	50	42		1	84	6.7	70-130	20	01/26/2010 2159
Bromomethane (Methyl bromide)	50	42		1	84	13	60-140	20	01/26/2010 2159
2-Butanone (MEK)	100	95		1	95	0.83	60-140	20	01/26/2010 2159
Carbon disulfide	50	42		1	84	8.5	60-140	20	01/26/2010 2159
Carbon tetrachloride	50	49		1	98	4.9	70-130	20	01/26/2010 2159
Chlorobenzene	50	46		1	93	3.3	70-130	20	01/26/2010 2159
Chloroethane	50	43		1	86	5.3	42-163	20	01/26/2010 2159
Chloroform	50	46		1	92	5.0	70-130	20	01/26/2010 2159
Chloromethane (Methyl chloride)	50	51		1	101	7.4	20-158	20	01/26/2010 2159
Cyclohexane	50	46		1	92	7.6	70-130	20	01/26/2010 2159
1,2-Dibromo-3-chloropropane (DBCP)	50	47		1	94	3.1	70-130	20	01/26/2010 2159
Dibromochloromethane	50	46		1	92	4.6	70-130	20	01/26/2010 2159
1,2-Dibromoethane (EDB)	50	47		1	93	6.2	70-130	20	01/26/2010 2159
1,4-Dichlorobenzene	50	46		1	93	4.0	70-130	20	01/26/2010 2159
1,2-Dichlorobenzene	50	44		1	88	0.71	70-130	20	01/26/2010 2159
1,3-Dichlorobenzene	50	46		1	93	3.7	70-130	20	01/26/2010 2159
Dichlorodifluoromethane	50	59		1	118	3.5	60-140	20	01/26/2010 2159
1,2-Dichloroethane	50	50		1	99	0.94	70-130	20	01/26/2010 2159
1,1-Dichloroethane	50	44		1	88	7.0	70-130	20	01/26/2010 2159
trans-1,2-Dichloroethene	50	44		1	88	8.5	70-130	20	01/26/2010 2159
1,1-Dichloroethene	50	45		1	90	6.4	70-130	20	01/26/2010 2159
cis-1,2-Dichloroethene	50	50		1	99	7.9	70-130	20	01/26/2010 2159
1,2-Dichloropropane	50	45		1	90	2.5	70-130	20	01/26/2010 2159
trans-1,3-Dichloropropene	50	45		1	89	6.7	70-130	20	01/26/2010 2159
cis-1,3-Dichloropropene	50	45		1	90	6.8	70-130	20	01/26/2010 2159
Ethylbenzene	50	47		1	94	3.7	70-130	20	01/26/2010 2159
2-Hexanone	100	88		1	88	9.9	60-140	20	01/26/2010 2159
Isopropylbenzene	50	47		1	94	1.2	70-130	20	01/26/2010 2159
Methyl acetate	50	49		1	97	11	15-128	20	01/26/2010 2159
Methyl tertiary butyl ether (MTBE)	50	48		1	96	10	70-130	20	01/26/2010 2159
4-Methyl-2-pentanone	100	88		1	88	2.0	60-140	20	01/26/2010 2159
Methylcyclohexane	50	49		1	98	4.1	70-130	20	01/26/2010 2159
Methylene chloride	50	43		1	87	8.7	70-130	20	01/26/2010 2159
Styrene	50	49		1	98	5.9	70-130	20	01/26/2010 2159
1,1,2,2-Tetrachloroethane	50	47		1	94	0.78	70-130	20	01/26/2010 2159
Tetrachloroethene	50	49		1	98	2.1	70-130	20	01/26/2010 2159
Toluene	50	46		1	92	5.6	70-130	20	01/26/2010 2159
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	46		1	92	6.8	70-130	20	01/26/2010 2159
1,2,4-Trichlorobenzene	50	43		1	86	3.5	70-130	20	01/26/2010 2159
1,1,1-Trichloroethane	50	46		1	92	5.3	70-130	20	01/26/2010 2159
1,1,2-Trichloroethane	50	46		1	93	3.1	70-130	20	01/26/2010 2159

PQL = Practical quantitation limit
P = The RPD between two GC columns exceeds 40%
N - Recovery is out of criteria
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
+ - RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: LQ26280-003
Batch: 26280
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	47		1	94	1.3	70-130	20	01/26/2010 2159
Trichlorofluoromethane	50	50		1	100	7.5	60-140	20	01/26/2010 2159
Vinyl chloride	50	46		1	93	6.5	60-140	20	01/26/2010 2159
Xylenes (total)	100	92		1	92	1.9	70-130	20	01/26/2010 2159

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		106	70-130
1,2-Dichloroethane-d4		111	70-130
Toluene-d8		114	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: LQ26346-001
Batch: 26346
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	10	0.061	ug/L	01/27/2010 1723
Benzene	ND		1	0.50	0.027	ug/L	01/27/2010 1723
Bromodichloromethane	ND		1	0.50	0.17	ug/L	01/27/2010 1723
Bromoform	ND		1	0.50	0.010	ug/L	01/27/2010 1723
Bromomethane (Methyl bromide)	ND		1	0.50	0.20	ug/L	01/27/2010 1723
2-Butanone (MEK)	ND		1	10	2.0	ug/L	01/27/2010 1723
Carbon disulfide	ND		1	0.50	0.097	ug/L	01/27/2010 1723
Carbon tetrachloride	ND		1	0.50	0.085	ug/L	01/27/2010 1723
Chlorobenzene	ND		1	0.50	0.17	ug/L	01/27/2010 1723
Chloroethane	ND		1	0.50	0.17	ug/L	01/27/2010 1723
Chloroform	ND		1	0.50	0.17	ug/L	01/27/2010 1723
Chloromethane (Methyl chloride)	ND		1	0.50	0.17	ug/L	01/27/2010 1723
Cyclohexane	ND		1	0.50	0.30	ug/L	01/27/2010 1723
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	0.50	0.069	ug/L	01/27/2010 1723
Dibromochloromethane	ND		1	0.50	0.17	ug/L	01/27/2010 1723
1,2-Dibromoethane (EDB)	ND		1	0.50	0.061	ug/L	01/27/2010 1723
1,4-Dichlorobenzene	ND		1	0.50	0.17	ug/L	01/27/2010 1723
1,2-Dichlorobenzene	ND		1	0.50	0.17	ug/L	01/27/2010 1723
1,3-Dichlorobenzene	ND		1	0.50	0.17	ug/L	01/27/2010 1723
Dichlorodifluoromethane	ND		1	0.50	0.071	ug/L	01/27/2010 1723
1,2-Dichloroethane	ND		1	0.50	0.023	ug/L	01/27/2010 1723
1,1-Dichloroethane	ND		1	0.50	0.054	ug/L	01/27/2010 1723
cis-1,2-Dichloroethene	ND		1	0.50	0.087	ug/L	01/27/2010 1723
1,1-Dichloroethene	ND		1	0.50	0.094	ug/L	01/27/2010 1723
trans-1,2-Dichloroethene	ND		1	0.50	0.079	ug/L	01/27/2010 1723
1,2-Dichloropropane	ND		1	0.50	0.081	ug/L	01/27/2010 1723
cis-1,3-Dichloropropene	ND		1	0.50	0.090	ug/L	01/27/2010 1723
trans-1,3-Dichloropropene	ND		1	0.50	0.18	ug/L	01/27/2010 1723
Ethylbenzene	ND		1	0.50	0.17	ug/L	01/27/2010 1723
2-Hexanone	ND		1	10	0.27	ug/L	01/27/2010 1723
Isopropylbenzene	ND		1	0.50	0.029	ug/L	01/27/2010 1723
Methyl acetate	ND		1	1.0	0.30	ug/L	01/27/2010 1723
Methyl tertiary butyl ether (MTBE)	ND		1	0.50	0.019	ug/L	01/27/2010 1723
4-Methyl-2-pentanone	ND		1	10	0.31	ug/L	01/27/2010 1723
Methylcyclohexane	ND		1	5.0	0.95	ug/L	01/27/2010 1723
Methylene chloride	ND		1	0.50	0.17	ug/L	01/27/2010 1723
Styrene	ND		1	0.50	0.015	ug/L	01/27/2010 1723
1,1,2,2-Tetrachloroethane	ND		1	0.50	0.013	ug/L	01/27/2010 1723
Tetrachloroethene	ND		1	0.50	0.014	ug/L	01/27/2010 1723
Toluene	ND		1	0.50	0.17	ug/L	01/27/2010 1723
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	0.50	0.30	ug/L	01/27/2010 1723
1,2,4-Trichlorobenzene	ND		1	0.50	0.17	ug/L	01/27/2010 1723
1,1,2-Trichloroethane	ND		1	0.50	0.031	ug/L	01/27/2010 1723
1,1,1-Trichloroethane	ND		1	0.50	0.029	ug/L	01/27/2010 1723

PQL = Practical quantitation limit
P = The RPD between two GC columns exceeds 40%
N - Recovery is out of criteria
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
+ - RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: LQ26346-001
Batch: 26346
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	0.50	0.024	ug/L	01/27/2010 1723
Trichlorofluoromethane	ND		1	0.50	0.051	ug/L	01/27/2010 1723
Vinyl chloride	ND		1	0.50	0.065	ug/L	01/27/2010 1723
Xylenes (total)	ND		1	0.50	0.17	ug/L	01/27/2010 1723

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		111	70-130
1,2-Dichloroethane-d4		88	70-130
Toluene-d8		99	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: LQ26346-002
Batch: 26346
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	89		1	89	46-153	01/27/2010 1559
Benzene	50	40		1	80	70-130	01/27/2010 1559
Bromodichloromethane	50	43		1	86	70-130	01/27/2010 1559
Bromoform	50	41		1	83	70-130	01/27/2010 1559
Bromomethane (Methyl bromide)	50	46		1	92	60-140	01/27/2010 1559
2-Butanone (MEK)	100	89		1	89	60-140	01/27/2010 1559
Carbon disulfide	50	41		1	82	60-140	01/27/2010 1559
Carbon tetrachloride	50	39		1	78	70-130	01/27/2010 1559
Chlorobenzene	50	42		1	85	70-130	01/27/2010 1559
Chloroethane	50	44		1	89	42-163	01/27/2010 1559
Chloroform	50	39		1	77	70-130	01/27/2010 1559
Chloromethane (Methyl chloride)	50	52		1	104	20-158	01/27/2010 1559
Cyclohexane	50	38		1	76	70-130	01/27/2010 1559
1,2-Dibromo-3-chloropropane (DBCP)	50	46		1	92	70-130	01/27/2010 1559
Dibromochloromethane	50	40		1	80	70-130	01/27/2010 1559
1,2-Dibromoethane (EDB)	50	45		1	91	70-130	01/27/2010 1559
1,4-Dichlorobenzene	50	43		1	85	70-130	01/27/2010 1559
1,2-Dichlorobenzene	50	44		1	89	70-130	01/27/2010 1559
1,3-Dichlorobenzene	50	43		1	87	70-130	01/27/2010 1559
Dichlorodifluoromethane	50	51		1	102	60-140	01/27/2010 1559
1,2-Dichloroethane	50	40		1	80	70-130	01/27/2010 1559
1,1-Dichloroethane	50	40		1	79	70-130	01/27/2010 1559
cis-1,2-Dichloroethene	50	39		1	78	70-130	01/27/2010 1559
1,1-Dichloroethene	50	39		1	78	70-130	01/27/2010 1559
trans-1,2-Dichloroethene	50	39		1	78	70-130	01/27/2010 1559
1,2-Dichloropropane	50	42		1	83	70-130	01/27/2010 1559
cis-1,3-Dichloropropene	50	43		1	86	70-130	01/27/2010 1559
trans-1,3-Dichloropropene	50	44		1	88	70-130	01/27/2010 1559
Ethylbenzene	50	42		1	85	70-130	01/27/2010 1559
2-Hexanone	100	84		1	84	60-140	01/27/2010 1559
Isopropylbenzene	50	43		1	86	70-130	01/27/2010 1559
Methyl acetate	50	42		1	83	15-128	01/27/2010 1559
Methyl tertiary butyl ether (MTBE)	50	43		1	86	70-130	01/27/2010 1559
4-Methyl-2-pentanone	100	94		1	94	60-140	01/27/2010 1559
Methylcyclohexane	50	37		1	73	70-130	01/27/2010 1559
Methylene chloride	50	38		1	76	70-130	01/27/2010 1559
Styrene	50	40		1	79	70-130	01/27/2010 1559
1,1,2,2-Tetrachloroethane	50	48		1	96	70-130	01/27/2010 1559
Tetrachloroethene	50	41		1	82	70-130	01/27/2010 1559
Toluene	50	41		1	83	70-130	01/27/2010 1559
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	38		1	76	70-130	01/27/2010 1559
1,2,4-Trichlorobenzene	50	47		1	94	70-130	01/27/2010 1559
1,1,2-Trichloroethane	50	44		1	87	70-130	01/27/2010 1559
1,1,1-Trichloroethane	50	40		1	80	70-130	01/27/2010 1559

PQL = Practical quantitation limit
P = The RPD between two GC columns exceeds 40%
N - Recovery is out of criteria
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
+ - RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: LQ26346-002
Batch: 26346
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	40		1	81	70-130	01/27/2010 1559
Trichlorofluoromethane	50	42		1	84	60-140	01/27/2010 1559
Vinyl chloride	50	53		1	106	60-140	01/27/2010 1559
Xylenes (total)	100	85		1	85	70-130	01/27/2010 1559

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		110	70-130
1,2-Dichloroethane-d4		93	70-130
Toluene-d8		100	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: LQ26346-003
Batch: 26346
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	100		1	101	13	46-153	20	01/27/2010 1620
Benzene	50	45		1	90	12	70-130	20	01/27/2010 1620
Bromodichloromethane	50	49		1	97	12	70-130	20	01/27/2010 1620
Bromoform	50	46		1	92	11	70-130	20	01/27/2010 1620
Bromomethane (Methyl bromide)	50	49		1	99	6.8	60-140	20	01/27/2010 1620
2-Butanone (MEK)	100	99		1	99	10	60-140	20	01/27/2010 1620
Carbon disulfide	50	46		1	91	11	60-140	20	01/27/2010 1620
Carbon tetrachloride	50	43		1	86	10	70-130	20	01/27/2010 1620
Chlorobenzene	50	47		1	94	11	70-130	20	01/27/2010 1620
Chloroethane	50	48		1	97	8.4	42-163	20	01/27/2010 1620
Chloroform	50	43		1	86	9.9	70-130	20	01/27/2010 1620
Chloromethane (Methyl chloride)	50	55		1	109	5.1	20-158	20	01/27/2010 1620
Cyclohexane	50	42		1	84	11	70-130	20	01/27/2010 1620
1,2-Dibromo-3-chloropropane (DBCP)	50	52		1	103	12	70-130	20	01/27/2010 1620
Dibromochloromethane	50	45		1	89	11	70-130	20	01/27/2010 1620
1,2-Dibromoethane (EDB)	50	52		1	103	12	70-130	20	01/27/2010 1620
1,4-Dichlorobenzene	50	46		1	93	8.5	70-130	20	01/27/2010 1620
1,2-Dichlorobenzene	50	48		1	95	7.1	70-130	20	01/27/2010 1620
1,3-Dichlorobenzene	50	48		1	96	10	70-130	20	01/27/2010 1620
Dichlorodifluoromethane	50	53		1	106	3.5	60-140	20	01/27/2010 1620
1,2-Dichloroethane	50	45		1	90	11	70-130	20	01/27/2010 1620
1,1-Dichloroethane	50	44		1	88	11	70-130	20	01/27/2010 1620
cis-1,2-Dichloroethene	50	44		1	88	11	70-130	20	01/27/2010 1620
1,1-Dichloroethene	50	43		1	87	11	70-130	20	01/27/2010 1620
trans-1,2-Dichloroethene	50	44		1	87	11	70-130	20	01/27/2010 1620
1,2-Dichloropropane	50	47		1	93	11	70-130	20	01/27/2010 1620
cis-1,3-Dichloropropene	50	48		1	96	11	70-130	20	01/27/2010 1620
trans-1,3-Dichloropropene	50	50		1	101	14	70-130	20	01/27/2010 1620
Ethylbenzene	50	48		1	95	11	70-130	20	01/27/2010 1620
2-Hexanone	100	94		1	94	12	60-140	20	01/27/2010 1620
Isopropylbenzene	50	47		1	94	9.4	70-130	20	01/27/2010 1620
Methyl acetate	50	46		1	93	11	15-128	20	01/27/2010 1620
Methyl tertiary butyl ether (MTBE)	50	46		1	93	8.2	70-130	20	01/27/2010 1620
4-Methyl-2-pentanone	100	110		1	107	13	60-140	20	01/27/2010 1620
Methylcyclohexane	50	41		1	81	10	70-130	20	01/27/2010 1620
Methylene chloride	50	42		1	83	9.4	70-130	20	01/27/2010 1620
Styrene	50	44		1	89	11	70-130	20	01/27/2010 1620
1,1,2,2-Tetrachloroethane	50	52		1	104	7.4	70-130	20	01/27/2010 1620
Tetrachloroethene	50	47		1	94	13	70-130	20	01/27/2010 1620
Toluene	50	47		1	93	12	70-130	20	01/27/2010 1620
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	41		1	82	7.5	70-130	20	01/27/2010 1620
1,2,4-Trichlorobenzene	50	50		1	99	5.2	70-130	20	01/27/2010 1620
1,1,2-Trichloroethane	50	50		1	99	13	70-130	20	01/27/2010 1620
1,1,1-Trichloroethane	50	44		1	88	9.6	70-130	20	01/27/2010 1620

PQL = Practical quantitation limit
P = The RPD between two GC columns exceeds 40%
N - Recovery is out of criteria
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
+ - RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: LQ26346-003
Batch: 26346
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	46		1	92	13	70-130	20	01/27/2010 1620
Trichlorofluoromethane	50	46		1	91	8.0	60-140	20	01/27/2010 1620
Vinyl chloride	50	56		1	112	5.5	60-140	20	01/27/2010 1620
Xylenes (total)	100	96		1	96	12	70-130	20	01/27/2010 1620

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		111	70-130
1,2-Dichloroethane-d4		95	70-130
Toluene-d8		101	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: LQ26605-001
Batch: 26605
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	10	0.061	ug/L	01/30/2010 0343
Benzene	ND		1	0.50	0.027	ug/L	01/30/2010 0343
Bromodichloromethane	ND		1	0.50	0.17	ug/L	01/30/2010 0343
Bromoform	ND		1	0.50	0.010	ug/L	01/30/2010 0343
Bromomethane (Methyl bromide)	ND		1	0.50	0.20	ug/L	01/30/2010 0343
2-Butanone (MEK)	ND		1	10	2.0	ug/L	01/30/2010 0343
Carbon disulfide	ND		1	0.50	0.097	ug/L	01/30/2010 0343
Carbon tetrachloride	ND		1	0.50	0.085	ug/L	01/30/2010 0343
Chlorobenzene	ND		1	0.50	0.17	ug/L	01/30/2010 0343
Chloroethane	ND		1	0.50	0.17	ug/L	01/30/2010 0343
Chloroform	ND		1	0.50	0.17	ug/L	01/30/2010 0343
Chloromethane (Methyl chloride)	ND		1	0.50	0.17	ug/L	01/30/2010 0343
Cyclohexane	ND		1	0.50	0.30	ug/L	01/30/2010 0343
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	0.50	0.069	ug/L	01/30/2010 0343
Dibromochloromethane	ND		1	0.50	0.17	ug/L	01/30/2010 0343
1,2-Dibromoethane (EDB)	ND		1	0.50	0.061	ug/L	01/30/2010 0343
1,4-Dichlorobenzene	ND		1	0.50	0.17	ug/L	01/30/2010 0343
1,2-Dichlorobenzene	ND		1	0.50	0.17	ug/L	01/30/2010 0343
1,3-Dichlorobenzene	ND		1	0.50	0.17	ug/L	01/30/2010 0343
Dichlorodifluoromethane	ND		1	0.50	0.071	ug/L	01/30/2010 0343
1,2-Dichloroethane	ND		1	0.50	0.023	ug/L	01/30/2010 0343
1,1-Dichloroethane	ND		1	0.50	0.054	ug/L	01/30/2010 0343
cis-1,2-Dichloroethene	ND		1	0.50	0.087	ug/L	01/30/2010 0343
1,1-Dichloroethene	ND		1	0.50	0.094	ug/L	01/30/2010 0343
trans-1,2-Dichloroethene	ND		1	0.50	0.079	ug/L	01/30/2010 0343
1,2-Dichloropropane	ND		1	0.50	0.081	ug/L	01/30/2010 0343
cis-1,3-Dichloropropene	ND		1	0.50	0.090	ug/L	01/30/2010 0343
trans-1,3-Dichloropropene	ND		1	0.50	0.18	ug/L	01/30/2010 0343
Ethylbenzene	ND		1	0.50	0.17	ug/L	01/30/2010 0343
2-Hexanone	ND		1	10	0.27	ug/L	01/30/2010 0343
Isopropylbenzene	ND		1	0.50	0.029	ug/L	01/30/2010 0343
Methyl acetate	ND		1	1.0	0.30	ug/L	01/30/2010 0343
Methyl tertiary butyl ether (MTBE)	ND		1	0.50	0.019	ug/L	01/30/2010 0343
4-Methyl-2-pentanone	ND		1	10	0.31	ug/L	01/30/2010 0343
Methylcyclohexane	ND		1	5.0	0.95	ug/L	01/30/2010 0343
Methylene chloride	0.22	J	1	0.50	0.17	ug/L	01/30/2010 0343
Styrene	ND		1	0.50	0.015	ug/L	01/30/2010 0343
1,1,2,2-Tetrachloroethane	ND		1	0.50	0.013	ug/L	01/30/2010 0343
Tetrachloroethene	ND		1	0.50	0.014	ug/L	01/30/2010 0343
Toluene	ND		1	0.50	0.17	ug/L	01/30/2010 0343
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	0.50	0.30	ug/L	01/30/2010 0343
1,2,4-Trichlorobenzene	ND		1	0.50	0.17	ug/L	01/30/2010 0343
1,1,1-Trichloroethane	ND		1	0.50	0.029	ug/L	01/30/2010 0343
1,1,2-Trichloroethane	ND		1	0.50	0.031	ug/L	01/30/2010 0343

PQL = Practical quantitation limit
P = The RPD between two GC columns exceeds 40%
N - Recovery is out of criteria
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
+ - RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: LQ26605-001
Batch: 26605
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	0.50	0.024	ug/L	01/30/2010 0343
Trichlorofluoromethane	ND		1	0.50	0.051	ug/L	01/30/2010 0343
Vinyl chloride	ND		1	0.50	0.065	ug/L	01/30/2010 0343
Xylenes (total)	ND		1	0.50	0.17	ug/L	01/30/2010 0343

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		103	70-130
1,2-Dichloroethane-d4		105	70-130
Toluene-d8		104	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: LQ26605-002
Batch: 26605
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	97		1	97	46-153	01/30/2010 0216
Benzene	50	41		1	81	70-130	01/30/2010 0216
Bromodichloromethane	50	43		1	87	70-130	01/30/2010 0216
Bromoform	50	41		1	82	70-130	01/30/2010 0216
Bromomethane (Methyl bromide)	50	33		1	67	60-140	01/30/2010 0216
2-Butanone (MEK)	100	97		1	97	60-140	01/30/2010 0216
Carbon disulfide	50	42		1	85	60-140	01/30/2010 0216
Carbon tetrachloride	50	44		1	87	70-130	01/30/2010 0216
Chlorobenzene	50	43		1	86	70-130	01/30/2010 0216
Chloroethane	50	39		1	78	42-163	01/30/2010 0216
Chloroform	50	44		1	89	70-130	01/30/2010 0216
Chloromethane (Methyl chloride)	50	49		1	99	20-158	01/30/2010 0216
Cyclohexane	50	43		1	87	70-130	01/30/2010 0216
1,2-Dibromo-3-chloropropane (DBCP)	50	47		1	94	70-130	01/30/2010 0216
Dibromochloromethane	50	44		1	89	70-130	01/30/2010 0216
1,2-Dibromoethane (EDB)	50	45		1	91	70-130	01/30/2010 0216
1,4-Dichlorobenzene	50	42		1	85	70-130	01/30/2010 0216
1,2-Dichlorobenzene	50	42		1	84	70-130	01/30/2010 0216
1,3-Dichlorobenzene	50	43		1	85	70-130	01/30/2010 0216
Dichlorodifluoromethane	50	58		1	116	60-140	01/30/2010 0216
1,2-Dichloroethane	50	48		1	96	70-130	01/30/2010 0216
1,1-Dichloroethane	50	43		1	86	70-130	01/30/2010 0216
cis-1,2-Dichloroethene	50	47		1	95	70-130	01/30/2010 0216
1,1-Dichloroethene	50	41		1	82	70-130	01/30/2010 0216
trans-1,2-Dichloroethene	50	41		1	82	70-130	01/30/2010 0216
1,2-Dichloropropane	50	44		1	87	70-130	01/30/2010 0216
cis-1,3-Dichloropropene	50	42		1	84	70-130	01/30/2010 0216
trans-1,3-Dichloropropene	50	43		1	86	70-130	01/30/2010 0216
Ethylbenzene	50	42		1	84	70-130	01/30/2010 0216
2-Hexanone	100	92		1	92	60-140	01/30/2010 0216
Isopropylbenzene	50	45		1	91	70-130	01/30/2010 0216
Methyl acetate	50	50		1	101	15-128	01/30/2010 0216
Methyl tertiary butyl ether (MTBE)	50	49		1	99	70-130	01/30/2010 0216
4-Methyl-2-pentanone	100	91		1	91	60-140	01/30/2010 0216
Methylcyclohexane	50	43		1	86	70-130	01/30/2010 0216
Methylene chloride	50	43		1	86	70-130	01/30/2010 0216
Styrene	50	45		1	90	70-130	01/30/2010 0216
1,1,2,2-Tetrachloroethane	50	49		1	99	70-130	01/30/2010 0216
Tetrachloroethene	50	44		1	88	70-130	01/30/2010 0216
Toluene	50	41		1	82	70-130	01/30/2010 0216
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	42		1	84	70-130	01/30/2010 0216
1,2,4-Trichlorobenzene	50	39		1	78	70-130	01/30/2010 0216
1,1,1-Trichloroethane	50	42		1	84	70-130	01/30/2010 0216
1,1,2-Trichloroethane	50	46		1	91	70-130	01/30/2010 0216

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N - Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: LQ26605-002
Batch: 26605
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	42		1	83	70-130	01/30/2010 0216
Trichlorofluoromethane	50	46		1	91	60-140	01/30/2010 0216
Vinyl chloride	50	44		1	88	60-140	01/30/2010 0216
Xylenes (total)	100	85		1	85	70-130	01/30/2010 0216

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		103	70-130
1,2-Dichloroethane-d4		105	70-130
Toluene-d8		106	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: LQ26605-003
Batch: 26605
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	97		1	97	0.051	46-153	20	01/30/2010 0238
Benzene	50	41		1	83	1.3	70-130	20	01/30/2010 0238
Bromodichloromethane	50	44		1	88	2.2	70-130	20	01/30/2010 0238
Bromoform	50	43		1	85	4.2	70-130	20	01/30/2010 0238
Bromomethane (Methyl bromide)	50	40		1	80	18	60-140	20	01/30/2010 0238
2-Butanone (MEK)	100	100		1	100	3.8	60-140	20	01/30/2010 0238
Carbon disulfide	50	42		1	84	0.78	60-140	20	01/30/2010 0238
Carbon tetrachloride	50	43		1	87	0.40	70-130	20	01/30/2010 0238
Chlorobenzene	50	45		1	90	4.5	70-130	20	01/30/2010 0238
Chloroethane	50	38		1	76	2.6	42-163	20	01/30/2010 0238
Chloroform	50	44		1	88	1.6	70-130	20	01/30/2010 0238
Chloromethane (Methyl chloride)	50	48		1	97	2.1	20-158	20	01/30/2010 0238
Cyclohexane	50	42		1	84	3.0	70-130	20	01/30/2010 0238
1,2-Dibromo-3-chloropropane (DBCP)	50	49		1	99	4.6	70-130	20	01/30/2010 0238
Dibromochloromethane	50	46		1	93	4.2	70-130	20	01/30/2010 0238
1,2-Dibromoethane (EDB)	50	47		1	93	2.9	70-130	20	01/30/2010 0238
1,4-Dichlorobenzene	50	45		1	90	5.2	70-130	20	01/30/2010 0238
1,2-Dichlorobenzene	50	44		1	88	4.2	70-130	20	01/30/2010 0238
1,3-Dichlorobenzene	50	45		1	90	5.0	70-130	20	01/30/2010 0238
Dichlorodifluoromethane	50	57		1	113	2.2	60-140	20	01/30/2010 0238
1,2-Dichloroethane	50	48		1	97	0.18	70-130	20	01/30/2010 0238
1,1-Dichloroethane	50	43		1	86	0.49	70-130	20	01/30/2010 0238
cis-1,2-Dichloroethene	50	47		1	94	0.37	70-130	20	01/30/2010 0238
1,1-Dichloroethene	50	41		1	81	1.5	70-130	20	01/30/2010 0238
trans-1,2-Dichloroethene	50	40		1	81	1.9	70-130	20	01/30/2010 0238
1,2-Dichloropropane	50	44		1	89	2.1	70-130	20	01/30/2010 0238
cis-1,3-Dichloropropene	50	44		1	88	4.9	70-130	20	01/30/2010 0238
trans-1,3-Dichloropropene	50	45		1	91	5.7	70-130	20	01/30/2010 0238
Ethylbenzene	50	44		1	89	5.2	70-130	20	01/30/2010 0238
2-Hexanone	100	95		1	95	3.7	60-140	20	01/30/2010 0238
Isopropylbenzene	50	46		1	92	1.1	70-130	20	01/30/2010 0238
Methyl acetate	50	50		1	100	1.3	15-128	20	01/30/2010 0238
Methyl tertiary butyl ether (MTBE)	50	49		1	97	1.8	70-130	20	01/30/2010 0238
4-Methyl-2-pentanone	100	93		1	93	2.3	60-140	20	01/30/2010 0238
Methylcyclohexane	50	43		1	87	0.76	70-130	20	01/30/2010 0238
Methylene chloride	50	43		1	85	0.44	70-130	20	01/30/2010 0238
Styrene	50	47		1	94	4.9	70-130	20	01/30/2010 0238
1,1,2,2-Tetrachloroethane	50	51		1	101	2.5	70-130	20	01/30/2010 0238
Tetrachloroethene	50	46		1	91	3.9	70-130	20	01/30/2010 0238
Toluene	50	43		1	85	4.4	70-130	20	01/30/2010 0238
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	42		1	84	0.77	70-130	20	01/30/2010 0238
1,2,4-Trichlorobenzene	50	41		1	83	5.5	70-130	20	01/30/2010 0238
1,1,1-Trichloroethane	50	41		1	83	0.72	70-130	20	01/30/2010 0238
1,1,2-Trichloroethane	50	47		1	94	3.3	70-130	20	01/30/2010 0238

PQL = Practical quantitation limit
P = The RPD between two GC columns exceeds 40%
N - Recovery is out of criteria
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
+ - RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: LQ26605-003
Batch: 26605
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	43		1	86	2.5	70-130	20	01/30/2010 0238
Trichlorofluoromethane	50	45		1	90	1.2	60-140	20	01/30/2010 0238
Vinyl chloride	50	43		1	86	1.7	60-140	20	01/30/2010 0238
Xylenes (total)	100	87		1	87	2.5	70-130	20	01/30/2010 0238

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		104	70-130
1,2-Dichloroethane-d4		105	70-130
Toluene-d8		108	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MS

Sample ID: LA25013-007MS
Batch: 26605
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	2.8	100	85		1	82	80-130	01/30/2010 0926
Benzene	1.7	50	43		1	83	70-130	01/30/2010 0926
Bromodichloromethane	ND	50	43		1	85	70-130	01/30/2010 0926
Bromoform	ND	50	42		1	85	70-130	01/30/2010 0926
Bromomethane (Methyl bromide)	ND	50	40		1	80	60-140	01/30/2010 0926
2-Butanone (MEK)	ND	100	86		1	86	60-140	01/30/2010 0926
Carbon disulfide	0.17	50	45		1	90	60-140	01/30/2010 0926
Carbon tetrachloride	ND	50	48		1	95	70-130	01/30/2010 0926
Chlorobenzene	ND	50	45		1	89	70-130	01/30/2010 0926
Chloroethane	ND	50	41		1	83	42-163	01/30/2010 0926
Chloroform	ND	50	43		1	87	70-130	01/30/2010 0926
Chloromethane (Methyl chloride)	ND	50	46		1	92	20-158	01/30/2010 0926
Cyclohexane	ND	50	47		1	93	70-130	01/30/2010 0926
1,2-Dibromo-3-chloropropane (DBCP)	ND	50	45		1	91	70-130	01/30/2010 0926
Dibromochloromethane	ND	50	44		1	88	70-130	01/30/2010 0926
1,2-Dibromoethane (EDB)	ND	50	44		1	87	70-130	01/30/2010 0926
1,4-Dichlorobenzene	ND	50	44		1	88	70-130	01/30/2010 0926
1,2-Dichlorobenzene	ND	50	43		1	87	70-130	01/30/2010 0926
1,3-Dichlorobenzene	ND	50	44		1	88	70-130	01/30/2010 0926
Dichlorodifluoromethane	ND	50	65		1	131	60-140	01/30/2010 0926
1,2-Dichloroethane	ND	50	44		1	89	70-130	01/30/2010 0926
1,1-Dichloroethane	ND	50	43		1	85	70-130	01/30/2010 0926
cis-1,2-Dichloroethene	ND	50	47		1	94	70-130	01/30/2010 0926
1,1-Dichloroethene	ND	50	44		1	88	70-130	01/30/2010 0926
trans-1,2-Dichloroethene	ND	50	42		1	84	70-130	01/30/2010 0926
1,2-Dichloropropane	ND	50	42		1	84	70-130	01/30/2010 0926
cis-1,3-Dichloropropene	ND	50	39		1	77	70-130	01/30/2010 0926
trans-1,3-Dichloropropene	ND	50	39		1	79	70-130	01/30/2010 0926
Ethylbenzene	0.90	50	46		1	91	70-130	01/30/2010 0926
2-Hexanone	ND	100	83		1	83	60-140	01/30/2010 0926
Isopropylbenzene	ND	50	47		1	93	70-130	01/30/2010 0926
Methyl acetate	ND	50	45		1	90	15-128	01/30/2010 0926
Methyl tertiary butyl ether (MTBE)	ND	50	46		1	91	70-130	01/30/2010 0926
4-Methyl-2-pentanone	ND	100	84		1	84	60-140	01/30/2010 0926
Methylcyclohexane	ND	50	49		1	97	70-130	01/30/2010 0926
Methylene chloride	0.20	50	42		1	84	70-130	01/30/2010 0926
Styrene	ND	50	39		1	78	70-130	01/30/2010 0926
1,1,2,2-Tetrachloroethane	ND	50	45		1	90	70-130	01/30/2010 0926
Tetrachloroethene	ND	50	48		1	96	70-130	01/30/2010 0926
Toluene	0.19	50	42		1	84	70-130	01/30/2010 0926
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	47		1	94	70-130	01/30/2010 0926
1,2,4-Trichlorobenzene	ND	50	40		1	81	70-130	01/30/2010 0926
1,1,1-Trichloroethane	ND	50	45		1	90	70-130	01/30/2010 0926
1,1,2-Trichloroethane	ND	50	44		1	88	70-130	01/30/2010 0926

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MS

Sample ID: LA25013-007MS
Batch: 26605
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	ND	50	45		1	89	70-130	01/30/2010 0926
Trichlorofluoromethane	ND	50	51		1	102	60-140	01/30/2010 0926
Vinyl chloride	ND	50	47		1	93	60-140	01/30/2010 0926
Xylenes (total)	0.46	100	90		1	89	70-130	01/30/2010 0926

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		104	70-130
1,2-Dichloroethane-d4		104	70-130
Toluene-d8		106	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MSD

Sample ID: LA25013-007MD
Batch: 26605
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	2.8	100	94		1	92	10	80-130	20	01/30/2010 0947
Benzene	1.7	50	46		1	89	6.9	70-130	20	01/30/2010 0947
Bromodichloromethane	ND	50	46		1	92	8.2	70-130	20	01/30/2010 0947
Bromoform	ND	50	45		1	90	5.6	70-130	20	01/30/2010 0947
Bromomethane (Methyl bromide)	ND	50	45		1	91	12	60-140	20	01/30/2010 0947
2-Butanone (MEK)	ND	100	95		1	95	10	60-140	20	01/30/2010 0947
Carbon disulfide	0.17	50	49		1	98	9.1	60-140	20	01/30/2010 0947
Carbon tetrachloride	ND	50	51		1	103	7.4	70-130	20	01/30/2010 0947
Chlorobenzene	ND	50	47		1	95	5.7	70-130	20	01/30/2010 0947
Chloroethane	ND	50	45		1	90	8.5	42-163	20	01/30/2010 0947
Chloroform	ND	50	47		1	94	8.3	70-130	20	01/30/2010 0947
Chloromethane (Methyl chloride)	ND	50	51		1	103	12	20-158	20	01/30/2010 0947
Cyclohexane	ND	50	50		1	100	7.3	70-130	20	01/30/2010 0947
1,2-Dibromo-3-chloropropane (DBCP)	ND	50	50		1	100	9.8	70-130	20	01/30/2010 0947
Dibromochloromethane	ND	50	48		1	96	8.7	70-130	20	01/30/2010 0947
1,2-Dibromoethane (EDB)	ND	50	47		1	93	6.3	70-130	20	01/30/2010 0947
1,4-Dichlorobenzene	ND	50	47		1	94	6.0	70-130	20	01/30/2010 0947
1,2-Dichlorobenzene	ND	50	46		1	92	6.2	70-130	20	01/30/2010 0947
1,3-Dichlorobenzene	ND	50	47		1	94	7.2	70-130	20	01/30/2010 0947
Dichlorodifluoromethane	ND	50	70	N	1	141	7.5	60-140	20	01/30/2010 0947
1,2-Dichloroethane	ND	50	49		1	98	9.7	70-130	20	01/30/2010 0947
1,1-Dichloroethane	ND	50	47		1	93	8.9	70-130	20	01/30/2010 0947
cis-1,2-Dichloroethene	ND	50	52		1	103	9.8	70-130	20	01/30/2010 0947
1,1-Dichloroethene	ND	50	48		1	97	8.9	70-130	20	01/30/2010 0947
trans-1,2-Dichloroethene	ND	50	47		1	93	10	70-130	20	01/30/2010 0947
1,2-Dichloropropane	ND	50	46		1	92	8.4	70-130	20	01/30/2010 0947
cis-1,3-Dichloropropene	ND	50	42		1	83	7.1	70-130	20	01/30/2010 0947
trans-1,3-Dichloropropene	ND	50	42		1	84	6.4	70-130	20	01/30/2010 0947
Ethylbenzene	0.90	50	49		1	97	6.2	70-130	20	01/30/2010 0947
2-Hexanone	ND	100	90		1	90	7.6	60-140	20	01/30/2010 0947
Isopropylbenzene	ND	50	50		1	101	7.5	70-130	20	01/30/2010 0947
Methyl acetate	ND	50	50		1	100	10	15-128	20	01/30/2010 0947
Methyl tertiary butyl ether (MTBE)	ND	50	50		1	99	8.5	70-130	20	01/30/2010 0947
4-Methyl-2-pentanone	ND	100	90		1	90	6.7	60-140	20	01/30/2010 0947
Methylcyclohexane	ND	50	53		1	105	7.6	70-130	20	01/30/2010 0947
Methylene chloride	0.20	50	45		1	91	7.6	70-130	20	01/30/2010 0947
Styrene	ND	50	43		1	86	9.6	70-130	20	01/30/2010 0947
1,1,2,2-Tetrachloroethane	ND	50	48		1	96	6.3	70-130	20	01/30/2010 0947
Tetrachloroethene	ND	50	51		1	101	5.4	70-130	20	01/30/2010 0947
Toluene	0.19	50	45		1	91	6.9	70-130	20	01/30/2010 0947
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	50		1	100	7.0	70-130	20	01/30/2010 0947
1,2,4-Trichlorobenzene	ND	50	43		1	87	6.9	70-130	20	01/30/2010 0947
1,1,1-Trichloroethane	ND	50	48		1	96	7.4	70-130	20	01/30/2010 0947
1,1,2-Trichloroethane	ND	50	48		1	95	8.1	70-130	20	01/30/2010 0947

PQL = Practical quantitation limit
P = The RPD between two GC columns exceeds 40%
N - Recovery is out of criteria
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
+ - RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MSD

Sample ID: LA25013-007MD
Batch: 26605
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	ND	50	48		1	95	6.6	70-130	20	01/30/2010 0947
Trichlorofluoromethane	ND	50	56		1	112	9.0	60-140	20	01/30/2010 0947
Vinyl chloride	ND	50	51		1	103	9.7	60-140	20	01/30/2010 0947
Xylenes (total)	0.46	100	96		1	95	6.1	70-130	20	01/30/2010 0947

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		104	70-130
1,2-Dichloroethane-d4		107	70-130
Toluene-d8		106	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - LCS

Sample ID: LQ26217-002
Batch: 26217
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 01/26/2010 1718

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
2,4,5-Trichlorophenol	20	14		1	71	46-125	01/30/2010 1417
2,4,6-Trichlorophenol	20	12		1	62	36-123	01/30/2010 1417
2,4-Dichlorophenol	20	14		1	70	38-127	01/30/2010 1417
2,4-Dimethylphenol	20	8.2		1	41	36-110	01/30/2010 1417
2,4-Dinitrophenol	100	93		1	93	33-143	01/30/2010 1417
2,4-Dinitrotoluene	40	26		1	66	55-137	01/30/2010 1417
2,6-Dinitrotoluene	40	27		1	69	53-128	01/30/2010 1417
2-Chloronaphthalene	20	14		1	69	42-132	01/30/2010 1417
2-Chlorophenol	20	12		1	62	40-128	01/30/2010 1417
2-Methylnaphthalene	20	13		1	64	49-122	01/30/2010 1417
2-Methylphenol	20	11		1	53	33-122	01/30/2010 1417
2-Nitroaniline	40	27		1	68	48-126	01/30/2010 1417
2-Nitrophenol	40	29		1	72	44-131	01/30/2010 1417
3 & 4-Methylphenol	40	25		1	62	48-112	01/30/2010 1417
3-Nitroaniline	40	22		1	56	29-109	01/30/2010 1417
4,6-Dinitro-2-methylphenol	100	85		1	85	46-151	01/30/2010 1417
4-Bromophenyl phenyl ether	20	13		1	67	49-123	01/30/2010 1417
4-Chloro-3-methyl phenol	20	13		1	67	48-136	01/30/2010 1417
4-Chloroaniline	20	3.9		1	19	18-73	01/30/2010 1417
4-Chlorophenyl phenyl ether	20	13		1	63	34-124	01/30/2010 1417
4-Nitroaniline	40	26		1	65	42-154	01/30/2010 1417
4-Nitrophenol	100	73		1	73	43-145	01/30/2010 1417
Acenaphthene	20	12		1	58	51-130	01/30/2010 1417
Acenaphthylene	20	13		1	64	46-131	01/30/2010 1417
Anthracene	20	12		1	61	48-122	01/30/2010 1417
Benzo(a)anthracene	20	12		1	62	50-143	01/30/2010 1417
Benzo(a)pyrene	20	14		1	70	55-141	01/30/2010 1417
Benzo(b)fluoranthene	20	14		1	69	48-147	01/30/2010 1417
Benzo(g,h,i)perylene	20	15		1	74	48-139	01/30/2010 1417
Benzo(k)fluoranthene	20	11		1	54	48-148	01/30/2010 1417
bis(2-Chloroethoxy)methane	20	12		1	60	46-130	01/30/2010 1417
bis(2-Chloroethyl)ether	20	12		1	60	42-127	01/30/2010 1417
bis(2-Chloroisopropyl)ether	20	11		1	54	36-133	01/30/2010 1417
bis(2-Ethylhexyl)phthalate	20	13		1	63	40-141	01/30/2010 1417
Butyl benzyl phthalate	20	14		1	70	52-142	01/30/2010 1417
Carbazole	20	24	N	1	121	45-101	01/30/2010 1417
Chrysene	20	13		1	64	51-137	01/30/2010 1417
Di-n-butyl phthalate	20	13		1	64	50-134	01/30/2010 1417
Di-n-octylphthalate	20	12		1	62	50-136	01/30/2010 1417
Dibenzo(a,h)anthracene	20	13		1	65	48-139	01/30/2010 1417
Dibenzofuran	20	12		1	61	45-142	01/30/2010 1417
Diethylphthalate	20	12		1	62	48-124	01/30/2010 1417
Dimethyl phthalate	20	13		1	63	43-122	01/30/2010 1417
Fluoranthene	20	13		1	63	50-124	01/30/2010 1417

PQL = Practical quantitation limit
P = The RPD between two GC columns exceeds 40%
N - Recovery is out of criteria
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
+ - RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - LCS

Sample ID: LQ26217-002
Batch: 26217
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 01/26/2010 1718

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Fluorene	20	12		1	59	39-122	01/30/2010 1417
Hexachlorobenzene	20	13		1	66	46-125	01/30/2010 1417
Hexachlorobutadiene	20	13		1	66	38-121	01/30/2010 1417
Hexachlorocyclopentadiene	100	51		1	51	24-110	01/30/2010 1417
Hexachloroethane	20	13		1	66	32-109	01/30/2010 1417
Indeno(1,2,3-c,d)pyrene	20	13		1	66	49-146	01/30/2010 1417
Isophorone	20	13		1	64	43-118	01/30/2010 1417
N-Nitrosodi-n-propylamine	20	13		1	66	46-135	01/30/2010 1417
N-Nitrosodiphenylamine (Diphenylamine)	20	12		1	59	44-124	01/30/2010 1417
Naphthalene	20	12		1	59	45-118	01/30/2010 1417
Nitrobenzene	20	13		1	63	46-131	01/30/2010 1417
Pentachlorophenol	100	78		1	78	30-137	01/30/2010 1417
Phenanthrene	20	12		1	60	49-122	01/30/2010 1417
Phenol	20	12		1	62	35-118	01/30/2010 1417
Pyrene	20	13		1	64	50-130	01/30/2010 1417

Surrogate	Q	% Rec	Acceptance Limit
2,4,6-Tribromophenol		58	41-144
2-Fluorobiphenyl		62	37-129
2-Fluorophenol		63	24-127
Nitrobenzene-d5		64	38-127
Phenol-d5		64	28-128
Terphenyl-d14		56	10-148

PQL = Practical quantitation limit
P = The RPD between two GC columns exceeds 40%
N - Recovery is out of criteria
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
+ - RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MS

Sample ID: LA25013-003MS
Batch: 26217
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 01/26/2010 1718

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acenaphthene	ND	40	27		1	68	10-133	01/30/2010 2040
Acenaphthylene	ND	40	17		1	42	34-128	01/30/2010 2040
Anthracene	ND	40	23		1	58	48-122	01/30/2010 2040
Benzo(a)anthracene	ND	40	23		1	57	53-98	01/30/2010 2040
Benzo(a)pyrene	ND	40	61		1	153	11-160	01/30/2010 2040
Benzo(b)fluoranthene	ND	40	110	N	1	271	10-165	01/30/2010 2040
Benzo(g,h,i)perylene	ND	40	61	N	1	151	42-111	01/30/2010 2040
Benzo(k)fluoranthene	ND	40	100	N	1	262	13-175	01/30/2010 2040
4-Bromophenyl phenyl ether	ND	40	28		1	71	49-123	01/30/2010 2040
Butyl benzyl phthalate	ND	40	15	N	1	38	52-142	01/30/2010 2040
Carbazole	ND	40	8.8	N	1	22	45-101	01/30/2010 2040
4-Chloro-3-methyl phenol	ND	40	29		1	72	40-98	01/30/2010 2040
4-Chloroaniline	ND	40	9.0		1	22	10-98	01/30/2010 2040
bis(2-Chloroethoxy)methane	ND	40	11	N	1	28	43-93	01/30/2010 2040
bis(2-Chloroethyl)ether	ND	40	24		1	59	41-88	01/30/2010 2040
bis(2-Chloroisopropyl)ether	ND	40	21		1	53	36-99	01/30/2010 2040
2-Chloronaphthalene	ND	40	31		1	78	40-89	01/30/2010 2040
2-Chlorophenol	ND	40	25		1	61	33-92	01/30/2010 2040
4-Chlorophenyl phenyl ether	ND	40	33		1	82	34-124	01/30/2010 2040
Chrysene	ND	40	29		1	71	51-107	01/30/2010 2040
Dibenzo(a,h)anthracene	ND	40	110	N	1	264	47-116	01/30/2010 2040
Dibenzofuran	ND	40	31		1	79	45-94	01/30/2010 2040
2,4-Dichlorophenol	ND	40	29		1	73	34-105	01/30/2010 2040
Diethylphthalate	ND	40	30		1	74	48-124	01/30/2010 2040
Dimethyl phthalate	ND	40	32		1	80	43-122	01/30/2010 2040
2,4-Dimethylphenol	ND	40	23		1	57	33-77	01/30/2010 2040
Di-n-butyl phthalate	ND	40	27		1	67	50-134	01/30/2010 2040
4,6-Dinitro-2-methylphenol	ND	200	220		1	108	33-118	01/30/2010 2040
2,4-Dinitrophenol	ND	200	230		1	115	19-119	01/30/2010 2040
2,4-Dinitrotoluene	ND	80	67		1	84	50-104	01/30/2010 2040
2,6-Dinitrotoluene	ND	80	71		1	89	53-128	01/30/2010 2040
Di-n-octylphthalate	ND	40	120	N	1	308	40-112	01/30/2010 2040
bis(2-Ethylhexyl)phthalate	ND	40	27		1	68	10-142	01/30/2010 2040
Fluoranthene	ND	40	27		1	66	50-124	01/30/2010 2040
Fluorene	ND	40	32		1	80	39-122	01/30/2010 2040
Hexachlorobenzene	ND	40	28		1	70	46-125	01/30/2010 2040
Hexachlorobutadiene	ND	40	27		1	68	42-94	01/30/2010 2040
Hexachlorocyclopentadiene	ND	200	120		1	60	14-89	01/30/2010 2040
Hexachloroethane	ND	40	25		1	62	39-86	01/30/2010 2040
Indeno(1,2,3-c,d)pyrene	ND	40	68	N	1	169	43-113	01/30/2010 2040
Isophorone	ND	40	26		1	66	42-84	01/30/2010 2040
2-Methylnaphthalene	ND	40	26		1	65	46-90	01/30/2010 2040
2-Methylphenol	ND	40	19		1	47	33-122	01/30/2010 2040
3 & 4-Methylphenol	ND	80	42		1	52	24-97	01/30/2010 2040

PQL = Practical quantitation limit
P = The RPD between two GC columns exceeds 40%
N - Recovery is out of criteria
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MS

Sample ID: LA25013-003MS
Batch: 26217
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 01/26/2010 1718

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Naphthalene	ND	40	25		1	61	46-89	01/30/2010 2040
2-Nitroaniline	ND	80	50		1	62	48-126	01/30/2010 2040
3-Nitroaniline	ND	80	2.9	N	1	3.6	10-110	01/30/2010 2040
4-Nitroaniline	ND	80	5.3	N	1	6.6	41-99	01/30/2010 2040
Nitrobenzene	ND	40	24		1	60	44-91	01/30/2010 2040
2-Nitrophenol	ND	80	60		1	75	34-102	01/30/2010 2040
4-Nitrophenol	ND	200	170		1	86	29-122	01/30/2010 2040
N-Nitrosodi-n-propylamine	ND	40	23		1	57	41-96	01/30/2010 2040
N-Nitrosodiphenylamine (Diphenylamine)	ND	40	3.4	N	1	8.4	10-150	01/30/2010 2040
Pentachlorophenol	ND	200	160		1	80	32-110	01/30/2010 2040
Phenanthrene	ND	40	25		1	62	49-122	01/30/2010 2040
Phenol	ND	40	23		1	57	33-92	01/30/2010 2040
Pyrene	ND	40	21		1	53	50-130	01/30/2010 2040
2,4,5-Trichlorophenol	ND	40	37		1	93	46-125	01/30/2010 2040
2,4,6-Trichlorophenol	ND	40	33		1	83	36-123	01/30/2010 2040

Surrogate	Q	% Rec	Acceptance Limit
2-Fluorobiphenyl		79	37-129
2-Fluorophenol		64	24-127
Nitrobenzene-d5		61	38-127
Phenol-d5		59	28-128
Terphenyl-d14		64	10-148
2,4,6-Tribromophenol		70	41-144

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MSD

Sample ID: LA25013-003MD
Batch: 26217
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 01/26/2010 1718

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acenaphthene	ND	40	25		1	63	8.6	10-133	40	01/30/2010 2100
Acenaphthylene	ND	40	26	+	1	65	44	34-128	40	01/30/2010 2100
Anthracene	ND	40	24		1	60	2.4	48-122	40	01/30/2010 2100
Benzo(a)anthracene	ND	40	23		1	57	0.63	53-98	40	01/30/2010 2100
Benzo(a)pyrene	ND	40	27	+	1	67	79	11-160	40	01/30/2010 2100
Benzo(b)fluoranthene	ND	40	23	+	1	57	130	10-165	40	01/30/2010 2100
Benzo(g,h,i)perylene	ND	40	27	+	1	67	77	42-111	40	01/30/2010 2100
Benzo(k)fluoranthene	ND	40	25	+	1	63	120	13-175	40	01/30/2010 2100
4-Bromophenyl phenyl ether	ND	40	27		1	68	4.0	49-123	40	01/30/2010 2100
Butyl benzyl phthalate	ND	40	28	+	1	71	60	52-142	40	01/30/2010 2100
Carbazole	ND	40	47	N,+	1	119	140	45-101	40	01/30/2010 2100
4-Chloro-3-methyl phenol	ND	40	28		1	71	1.3	40-98	40	01/30/2010 2100
4-Chloroaniline	ND	40	5.2	+	1	13	53	10-98	40	01/30/2010 2100
bis(2-Chloroethoxy)methane	ND	40	24	+	1	60	71	43-93	40	01/30/2010 2100
bis(2-Chloroethyl)ether	ND	40	20		1	50	17	41-88	40	01/30/2010 2100
bis(2-Chloroisopropyl)ether	ND	40	18		1	44	17	36-99	40	01/30/2010 2100
2-Chloronaphthalene	ND	40	24		1	61	24	40-89	40	01/30/2010 2100
2-Chlorophenol	ND	40	21		1	52	17	33-92	40	01/30/2010 2100
4-Chlorophenyl phenyl ether	ND	40	27		1	67	20	34-124	40	01/30/2010 2100
Chrysene	ND	40	27		1	67	6.8	51-107	40	01/30/2010 2100
Dibenzo(a,h)anthracene	ND	40	25	+	1	62	120	47-116	40	01/30/2010 2100
Dibenzofuran	ND	40	26		1	64	20	45-94	40	01/30/2010 2100
2,4-Dichlorophenol	ND	40	27		1	67	9.0	34-105	40	01/30/2010 2100
Diethylphthalate	ND	40	25		1	63	15	48-124	40	01/30/2010 2100
Dimethyl phthalate	ND	40	27		1	67	17	43-122	40	01/30/2010 2100
2,4-Dimethylphenol	ND	40	22		1	54	5.0	33-77	40	01/30/2010 2100
Di-n-butyl phthalate	ND	40	27		1	67	0.62	50-134	40	01/30/2010 2100
4,6-Dinitro-2-methylphenol	ND	200	170		1	85	24	33-118	40	01/30/2010 2100
2,4-Dinitrophenol	ND	200	200		1	99	15	19-119	40	01/30/2010 2100
2,4-Dinitrotoluene	ND	80	57		1	71	17	50-104	40	01/30/2010 2100
2,6-Dinitrotoluene	ND	80	58		1	73	20	53-128	40	01/30/2010 2100
Di-n-octylphthalate	ND	40	24	+	1	59	140	40-112	40	01/30/2010 2100
bis(2-Ethylhexyl)phthalate	ND	40	26		1	64	5.7	10-142	40	01/30/2010 2100
Fluoranthene	ND	40	26		1	65	2.1	50-124	40	01/30/2010 2100
Fluorene	ND	40	27		1	66	18	39-122	40	01/30/2010 2100
Hexachlorobenzene	ND	40	27		1	67	4.2	46-125	40	01/30/2010 2100
Hexachlorobutadiene	ND	40	23		1	58	17	42-94	40	01/30/2010 2100
Hexachlorocyclopentadiene	ND	200	97		1	49	21	14-89	40	01/30/2010 2100
Hexachloroethane	ND	40	20		1	51	19	39-86	40	01/30/2010 2100
Indeno(1,2,3-c,d)pyrene	ND	40	25	+	1	63	92	43-113	40	01/30/2010 2100
Isophorone	ND	40	24		1	61	8.4	42-84	40	01/30/2010 2100
2-Methylnaphthalene	ND	40	24		1	60	8.2	46-90	40	01/30/2010 2100
2-Methylphenol	ND	40	18		1	45	4.2	33-122	40	01/30/2010 2100
3 & 4-Methylphenol	ND	80	41		1	52	0.63	24-97	40	01/30/2010 2100

PQL = Practical quantitation limit
P = The RPD between two GC columns exceeds 40%
N - Recovery is out of criteria
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MSD

Sample ID: LA25013-003MD
Batch: 26217
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 01/26/2010 1718

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Naphthalene	ND	40	22		1	54	12	46-89	40	01/30/2010 2100
2-Nitroaniline	ND	80	58		1	73	16	48-126	40	01/30/2010 2100
3-Nitroaniline	ND	80	36	+	1	46	170	10-110	40	01/30/2010 2100
4-Nitroaniline	ND	80	57	+	1	71	170	41-99	40	01/30/2010 2100
Nitrobenzene	ND	40	21		1	52	14	44-91	40	01/30/2010 2100
2-Nitrophenol	ND	80	53		1	67	12	34-102	40	01/30/2010 2100
4-Nitrophenol	ND	200	140		1	70	20	29-122	40	01/30/2010 2100
N-Nitrosodi-n-propylamine	ND	40	21		1	53	7.1	41-96	40	01/30/2010 2100
N-Nitrosodiphenylamine (Diphenylamine)	ND	40	24	+	1	60	150	10-150	40	01/30/2010 2100
Pentachlorophenol	ND	200	150		1	76	6.4	32-110	40	01/30/2010 2100
Phenanthrene	ND	40	24		1	60	2.3	49-122	40	01/30/2010 2100
Phenol	ND	40	20		1	50	11	33-92	40	01/30/2010 2100
Pyrene	ND	40	26		1	65	21	50-130	40	01/30/2010 2100
2,4,5-Trichlorophenol	ND	40	29		1	73	23	46-125	40	01/30/2010 2100
2,4,6-Trichlorophenol	ND	40	26		1	66	22	36-123	40	01/30/2010 2100

Surrogate	Q	% Rec	Acceptance Limit
2-Fluorobiphenyl		63	37-129
2-Fluorophenol		53	24-127
Nitrobenzene-d5		54	38-127
Phenol-d5		55	28-128
Terphenyl-d14		58	10-148
2,4,6-Tribromophenol		66	41-144

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MB

Sample ID: LQ26497-001
Batch: 26497
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 01/29/2010 1829

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
1,1'-Biphenyl	ND		1	1.0	0.20	ug/L	02/01/2010 1742
2,4,5-Trichlorophenol	ND		1	1.0	0.18	ug/L	02/01/2010 1742
2,4,6-Trichlorophenol	ND		1	1.0	0.22	ug/L	02/01/2010 1742
2,4-Dichlorophenol	ND		1	1.0	0.15	ug/L	02/01/2010 1742
2,4-Dimethylphenol	ND		1	1.0	0.31	ug/L	02/01/2010 1742
2,4-Dinitrophenol	ND		1	5.0	0.25	ug/L	02/01/2010 1742
2,4-Dinitrotoluene	ND		1	2.0	0.45	ug/L	02/01/2010 1742
2,6-Dinitrotoluene	ND		1	2.0	0.40	ug/L	02/01/2010 1742
2-Chloronaphthalene	ND		1	1.0	0.12	ug/L	02/01/2010 1742
2-Chlorophenol	ND		1	1.0	0.13	ug/L	02/01/2010 1742
2-Methylnaphthalene	ND		1	1.0	0.080	ug/L	02/01/2010 1742
2-Methylphenol	ND		1	1.0	0.17	ug/L	02/01/2010 1742
2-Nitroaniline	ND		1	2.0	0.55	ug/L	02/01/2010 1742
2-Nitrophenol	ND		1	2.0	0.27	ug/L	02/01/2010 1742
3 & 4-Methylphenol	ND		1	2.0	0.57	ug/L	02/01/2010 1742
3,3'-Dichlorobenzidine	ND		1	5.0	0.81	ug/L	02/01/2010 1742
3-Nitroaniline	ND		1	2.0	0.77	ug/L	02/01/2010 1742
4,6-Dinitro-2-methylphenol	ND		1	5.0	1.5	ug/L	02/01/2010 1742
4-Bromophenyl phenyl ether	ND		1	1.0	0.12	ug/L	02/01/2010 1742
4-Chloro-3-methyl phenol	ND		1	1.0	0.22	ug/L	02/01/2010 1742
4-Chloroaniline	ND		1	1.0	0.13	ug/L	02/01/2010 1742
4-Chlorophenyl phenyl ether	ND		1	1.0	0.11	ug/L	02/01/2010 1742
4-Nitroaniline	ND		1	2.0	0.39	ug/L	02/01/2010 1742
4-Nitrophenol	ND		1	5.0	0.64	ug/L	02/01/2010 1742
Acenaphthene	ND		1	1.0	0.090	ug/L	02/01/2010 1742
Acenaphthylene	ND		1	1.0	0.16	ug/L	02/01/2010 1742
Acetophenone	ND		1	1.0	0.32	ug/L	02/01/2010 1742
Anthracene	ND		1	1.0	0.13	ug/L	02/01/2010 1742
Atrazine	ND		1	1.0	0.20	ug/L	02/01/2010 1742
Benzaldehyde	ND		1	5.0	1.0	ug/L	02/01/2010 1742
Benzo(a)anthracene	ND		1	1.0	0.15	ug/L	02/01/2010 1742
Benzo(a)pyrene	ND		1	1.0	0.16	ug/L	02/01/2010 1742
Benzo(b)fluoranthene	ND		1	1.0	0.20	ug/L	02/01/2010 1742
Benzo(g,h,i)perylene	ND		1	1.0	0.23	ug/L	02/01/2010 1742
Benzo(k)fluoranthene	ND		1	1.0	0.12	ug/L	02/01/2010 1742
bis(2-Chloroethoxy)methane	ND		1	1.0	0.13	ug/L	02/01/2010 1742
bis(2-Chloroethyl)ether	ND		1	1.0	0.13	ug/L	02/01/2010 1742
bis(2-Chloroisopropyl)ether	ND		1	1.0	0.080	ug/L	02/01/2010 1742
bis(2-Ethylhexyl)phthalate	ND		1	5.0	1.7	ug/L	02/01/2010 1742
Butyl benzyl phthalate	ND		1	5.0	1.7	ug/L	02/01/2010 1742
Caprolactam	ND		1	5.0	1.2	ug/L	02/01/2010 1742
Carbazole	ND		1	1.0	0.25	ug/L	02/01/2010 1742
Chrysene	ND		1	1.0	0.12	ug/L	02/01/2010 1742
Di-n-butyl phthalate	ND		1	5.0	1.7	ug/L	02/01/2010 1742

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MB

Sample ID: LQ26497-001
Batch: 26497
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 01/29/2010 1829

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Di-n-octylphthalate	ND		1	5.0	1.7	ug/L	02/01/2010 1742
Dibenzo(a,h)anthracene	ND		1	1.0	0.13	ug/L	02/01/2010 1742
Dibenzofuran	ND		1	1.0	0.16	ug/L	02/01/2010 1742
Diethylphthalate	ND		1	5.0	1.7	ug/L	02/01/2010 1742
Dimethyl phthalate	ND		1	5.0	1.7	ug/L	02/01/2010 1742
Fluoranthene	ND		1	1.0	0.21	ug/L	02/01/2010 1742
Fluorene	ND		1	1.0	0.10	ug/L	02/01/2010 1742
Hexachlorobenzene	ND		1	1.0	0.21	ug/L	02/01/2010 1742
Hexachlorobutadiene	ND		1	1.0	0.090	ug/L	02/01/2010 1742
Hexachlorocyclopentadiene	ND		1	5.0	0.23	ug/L	02/01/2010 1742
Hexachloroethane	ND		1	1.0	0.11	ug/L	02/01/2010 1742
Indeno(1,2,3-c,d)pyrene	ND		1	1.0	0.23	ug/L	02/01/2010 1742
Isophorone	ND		1	1.0	0.080	ug/L	02/01/2010 1742
N-Nitrosodi-n-propylamine	ND		1	1.0	0.080	ug/L	02/01/2010 1742
N-Nitrosodiphenylamine (Diphenylamine)	ND		1	1.0	0.38	ug/L	02/01/2010 1742
Naphthalene	ND		1	1.0	0.070	ug/L	02/01/2010 1742
Nitrobenzene	ND		1	1.0	0.10	ug/L	02/01/2010 1742
Pentachlorophenol	ND		1	5.0	0.54	ug/L	02/01/2010 1742
Phenanthrene	ND		1	1.0	0.18	ug/L	02/01/2010 1742
Phenol	ND		1	1.0	0.11	ug/L	02/01/2010 1742
Pyrene	ND		1	1.0	0.16	ug/L	02/01/2010 1742

Surrogate	Q	% Rec	Acceptance Limit
2,4,6-Tribromophenol		61	41-144
2-Fluorobiphenyl		72	37-129
2-Fluorophenol		66	24-127
Nitrobenzene-d5		68	38-127
Phenol-d5		69	28-128
Terphenyl-d14		71	10-148

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - LCS

Sample ID: LQ26497-002
Batch: 26497
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 01/29/2010 1829

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
2,4,5-Trichlorophenol	20	16		1	78	46-125	02/01/2010 1802
2,4,6-Trichlorophenol	20	13		1	65	36-123	02/01/2010 1802
2,4-Dichlorophenol	20	13		1	65	38-127	02/01/2010 1802
2,4-Dimethylphenol	20	10		1	51	36-110	02/01/2010 1802
2,4-Dinitrophenol	100	97		1	97	33-143	02/01/2010 1802
2,4-Dinitrotoluene	40	31		1	79	55-137	02/01/2010 1802
2,6-Dinitrotoluene	40	31		1	78	53-128	02/01/2010 1802
2-Chloronaphthalene	20	11		1	56	42-132	02/01/2010 1802
2-Chlorophenol	20	12		1	58	40-128	02/01/2010 1802
2-Methylnaphthalene	20	12		1	59	49-122	02/01/2010 1802
2-Methylphenol	20	10		1	50	33-122	02/01/2010 1802
2-Nitroaniline	40	31		1	77	48-126	02/01/2010 1802
2-Nitrophenol	40	28		1	69	44-131	02/01/2010 1802
3 & 4-Methylphenol	40	22		1	55	48-112	02/01/2010 1802
3-Nitroaniline	40	25		1	62	29-109	02/01/2010 1802
4,6-Dinitro-2-methylphenol	100	94		1	94	46-151	02/01/2010 1802
4-Bromophenyl phenyl ether	20	15		1	74	49-123	02/01/2010 1802
4-Chloro-3-methyl phenol	20	14		1	68	48-136	02/01/2010 1802
4-Chloroaniline	20	4.9		1	24	18-73	02/01/2010 1802
4-Chlorophenyl phenyl ether	20	14		1	71	34-124	02/01/2010 1802
4-Nitroaniline	40	32		1	79	42-154	02/01/2010 1802
4-Nitrophenol	100	82		1	82	43-145	02/01/2010 1802
Acenaphthene	20	13		1	67	51-130	02/01/2010 1802
Acenaphthylene	20	13		1	67	46-131	02/01/2010 1802
Anthracene	20	14		1	71	48-122	02/01/2010 1802
Benzo(a)anthracene	20	15		1	73	50-143	02/01/2010 1802
Benzo(a)pyrene	20	17		1	83	55-141	02/01/2010 1802
Benzo(b)fluoranthene	20	15		1	76	48-147	02/01/2010 1802
Benzo(g,h,i)perylene	20	18		1	91	48-139	02/01/2010 1802
Benzo(k)fluoranthene	20	15		1	75	48-148	02/01/2010 1802
bis(2-Chloroethoxy)methane	20	12		1	58	46-130	02/01/2010 1802
bis(2-Chloroethyl)ether	20	11		1	56	42-127	02/01/2010 1802
bis(2-Chloroisopropyl)ether	20	10		1	52	36-133	02/01/2010 1802
bis(2-Ethylhexyl)phthalate	20	15		1	76	40-141	02/01/2010 1802
Butyl benzyl phthalate	20	17		1	85	52-142	02/01/2010 1802
Carbazole	20	29	N	1	145	45-101	02/01/2010 1802
Chrysene	20	15		1	75	51-137	02/01/2010 1802
Di-n-butyl phthalate	20	16		1	78	50-134	02/01/2010 1802
Di-n-octylphthalate	20	16		1	80	50-136	02/01/2010 1802
Dibenzo(a,h)anthracene	20	16		1	81	48-139	02/01/2010 1802
Dibenzofuran	20	13		1	66	45-142	02/01/2010 1802
Diethylphthalate	20	14		1	72	48-124	02/01/2010 1802
Dimethyl phthalate	20	14		1	72	43-122	02/01/2010 1802
Fluoranthene	20	15		1	75	50-124	02/01/2010 1802

PQL = Practical quantitation limit
P = The RPD between two GC columns exceeds 40%
N - Recovery is out of criteria
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
+ - RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - LCS

Sample ID: LQ26497-002
Batch: 26497
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 01/29/2010 1829

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Fluorene	20	14		1	69	39-122	02/01/2010 1802
Hexachlorobenzene	20	15		1	74	46-125	02/01/2010 1802
Hexachlorobutadiene	20	12		1	60	38-121	02/01/2010 1802
Hexachlorocyclopentadiene	100	48		1	48	24-110	02/01/2010 1802
Hexachloroethane	20	11		1	56	32-109	02/01/2010 1802
Indeno(1,2,3-c,d)pyrene	20	16		1	81	49-146	02/01/2010 1802
Isophorone	20	12		1	62	43-118	02/01/2010 1802
N-Nitrosodi-n-propylamine	20	12		1	58	46-135	02/01/2010 1802
N-Nitrosodiphenylamine (Diphenylamine)	20	14		1	69	44-124	02/01/2010 1802
Naphthalene	20	12		1	58	45-118	02/01/2010 1802
Nitrobenzene	20	12		1	58	46-131	02/01/2010 1802
Pentachlorophenol	100	91		1	91	30-137	02/01/2010 1802
Phenanthrene	20	14		1	72	49-122	02/01/2010 1802
Phenol	20	12		1	58	35-118	02/01/2010 1802
Pyrene	20	15		1	73	50-130	02/01/2010 1802

Surrogate	Q	% Rec	Acceptance Limit
2,4,6-Tribromophenol		73	41-144
2-Fluorobiphenyl		68	37-129
2-Fluorophenol		63	24-127
Nitrobenzene-d5		62	38-127
Phenol-d5		64	28-128
Terphenyl-d14		68	10-148

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MS

Sample ID: LA25013-007MS
Batch: 26497
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 01/29/2010 1829

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acenaphthene	ND	40	28		1	70	10-133	02/01/2010 1842
Acenaphthylene	ND	40	28		1	70	34-128	02/01/2010 1842
Anthracene	ND	40	31		1	78	48-122	02/01/2010 1842
Benzo(a)anthracene	ND	40	32		1	79	53-98	02/01/2010 1842
Benzo(a)pyrene	ND	40	35		1	88	11-160	02/01/2010 1842
Benzo(b)fluoranthene	ND	40	31		1	79	10-165	02/01/2010 1842
Benzo(g,h,i)perylene	ND	40	39		1	99	42-111	02/01/2010 1842
Benzo(k)fluoranthene	ND	40	35		1	88	13-175	02/01/2010 1842
4-Bromophenyl phenyl ether	ND	40	34		1	84	49-123	02/01/2010 1842
Butyl benzyl phthalate	ND	40	38		1	95	52-142	02/01/2010 1842
Carbazole	ND	40	64	N	1	161	45-101	02/01/2010 1842
4-Chloro-3-methyl phenol	ND	40	31		1	79	40-98	02/01/2010 1842
4-Chloroaniline	ND	40	7.3		1	18	10-98	02/01/2010 1842
bis(2-Chloroethoxy)methane	ND	40	22		1	54	43-93	02/01/2010 1842
bis(2-Chloroethyl)ether	ND	40	21		1	53	41-88	02/01/2010 1842
bis(2-Chloroisopropyl)ether	ND	40	20		1	49	36-99	02/01/2010 1842
2-Chloronaphthalene	ND	40	23		1	57	40-89	02/01/2010 1842
2-Chlorophenol	ND	40	22		1	55	33-92	02/01/2010 1842
4-Chlorophenyl phenyl ether	ND	40	31		1	78	34-124	02/01/2010 1842
Chrysene	ND	40	32		1	81	51-107	02/01/2010 1842
Dibenzo(a,h)anthracene	ND	40	35		1	87	47-116	02/01/2010 1842
Dibenzofuran	ND	40	29		1	72	45-94	02/01/2010 1842
2,4-Dichlorophenol	ND	40	26		1	64	34-105	02/01/2010 1842
Diethylphthalate	ND	40	31		1	77	48-124	02/01/2010 1842
Dimethyl phthalate	ND	40	32		1	79	43-122	02/01/2010 1842
2,4-Dimethylphenol	ND	40	20		1	50	33-77	02/01/2010 1842
Di-n-butyl phthalate	ND	40	35		1	87	50-134	02/01/2010 1842
4,6-Dinitro-2-methylphenol	ND	200	210		1	105	33-118	02/01/2010 1842
2,4-Dinitrophenol	ND	200	250	N	1	123	19-119	02/01/2010 1842
2,4-Dinitrotoluene	ND	80	67		1	84	50-104	02/01/2010 1842
2,6-Dinitrotoluene	ND	80	70		1	88	53-128	02/01/2010 1842
Di-n-octylphthalate	ND	40	34		1	84	40-112	02/01/2010 1842
bis(2-Ethylhexyl)phthalate	ND	40	34		1	85	10-142	02/01/2010 1842
Fluoranthene	ND	40	34		1	84	50-124	02/01/2010 1842
Fluorene	ND	40	30		1	74	39-122	02/01/2010 1842
Hexachlorobenzene	ND	40	34		1	84	46-125	02/01/2010 1842
Hexachlorobutadiene	ND	40	22		1	54	42-94	02/01/2010 1842
Hexachlorocyclopentadiene	ND	200	88		1	44	14-89	02/01/2010 1842
Hexachloroethane	ND	40	22		1	56	39-86	02/01/2010 1842
Indeno(1,2,3-c,d)pyrene	ND	40	36		1	89	43-113	02/01/2010 1842
Isophorone	ND	40	24		1	61	42-84	02/01/2010 1842
2-Methylnaphthalene	ND	40	23		1	57	46-90	02/01/2010 1842
2-Methylphenol	ND	40	19		1	47	33-122	02/01/2010 1842
3 & 4-Methylphenol	ND	80	44		1	55	24-97	02/01/2010 1842

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MS

Sample ID: LA25013-007MS
Batch: 26497
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 01/29/2010 1829

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Naphthalene	16	40	32	N	1	38	46-89	02/01/2010 1842
2-Nitroaniline	ND	80	69		1	86	48-126	02/01/2010 1842
3-Nitroaniline	ND	80	49		1	61	10-110	02/01/2010 1842
4-Nitroaniline	ND	80	68		1	85	41-99	02/01/2010 1842
Nitrobenzene	ND	40	22		1	56	44-91	02/01/2010 1842
2-Nitrophenol	ND	80	53		1	66	34-102	02/01/2010 1842
4-Nitrophenol	ND	200	190		1	93	29-122	02/01/2010 1842
N-Nitrosodi-n-propylamine	ND	40	23		1	57	41-96	02/01/2010 1842
N-Nitrosodiphenylamine (Diphenylamine)	ND	40	29		1	73	10-150	02/01/2010 1842
Pentachlorophenol	ND	200	220	N	1	112	32-110	02/01/2010 1842
Phenanthrene	ND	40	33		1	81	49-122	02/01/2010 1842
Phenol	ND	40	22		1	54	33-92	02/01/2010 1842
Pyrene	ND	40	34		1	84	50-130	02/01/2010 1842
2,4,5-Trichlorophenol	ND	40	37		1	92	46-125	02/01/2010 1842
2,4,6-Trichlorophenol	ND	40	29		1	72	36-123	02/01/2010 1842

Surrogate	Q	% Rec	Acceptance Limit
2-Fluorobiphenyl		63	37-129
2-Fluorophenol		56	24-127
Nitrobenzene-d5		57	38-127
Phenol-d5		58	28-128
Terphenyl-d14		73	10-148
2,4,6-Tribromophenol		81	41-144

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MSD

Sample ID: LA25013-007MD
Batch: 26497
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 01/29/2010 1829

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acenaphthene	ND	40	27		1	67	4.4	10-133	40	02/01/2010 1903
Acenaphthylene	ND	40	26		1	65	6.6	34-128	40	02/01/2010 1903
Anthracene	ND	40	29		1	73	7.2	48-122	40	02/01/2010 1903
Benzo(a)anthracene	ND	40	30		1	76	4.6	53-98	40	02/01/2010 1903
Benzo(a)pyrene	ND	40	31		1	77	13	11-160	40	02/01/2010 1903
Benzo(b)fluoranthene	ND	40	30		1	75	4.3	10-165	40	02/01/2010 1903
Benzo(g,h,i)perylene	ND	40	35		1	87	12	42-111	40	02/01/2010 1903
Benzo(k)fluoranthene	ND	40	30		1	75	16	13-175	40	02/01/2010 1903
4-Bromophenyl phenyl ether	ND	40	31		1	76	10	49-123	40	02/01/2010 1903
Butyl benzyl phthalate	ND	40	36		1	91	4.8	52-142	40	02/01/2010 1903
Carbazole	ND	40	62	N	1	154	4.4	45-101	40	02/01/2010 1903
4-Chloro-3-methyl phenol	ND	40	29		1	72	8.5	40-98	40	02/01/2010 1903
4-Chloroaniline	ND	40	9.9		1	25	31	10-98	40	02/01/2010 1903
bis(2-Chloroethoxy)methane	ND	40	21		1	52	4.6	43-93	40	02/01/2010 1903
bis(2-Chloroethyl)ether	ND	40	18		1	46	15	41-88	40	02/01/2010 1903
bis(2-Chloroisopropyl)ether	ND	40	17		1	43	13	36-99	40	02/01/2010 1903
2-Chloronaphthalene	ND	40	23		1	57	0.71	40-89	40	02/01/2010 1903
2-Chlorophenol	ND	40	19		1	48	15	33-92	40	02/01/2010 1903
4-Chlorophenyl phenyl ether	ND	40	29		1	74	5.9	34-124	40	02/01/2010 1903
Chrysene	ND	40	31		1	77	5.5	51-107	40	02/01/2010 1903
Dibenzo(a,h)anthracene	ND	40	30		1	76	14	47-116	40	02/01/2010 1903
Dibenzofuran	ND	40	27		1	68	5.5	45-94	40	02/01/2010 1903
2,4-Dichlorophenol	ND	40	24		1	61	5.7	34-105	40	02/01/2010 1903
Diethylphthalate	ND	40	30		1	75	2.6	48-124	40	02/01/2010 1903
Dimethyl phthalate	ND	40	30		1	74	6.7	43-122	40	02/01/2010 1903
2,4-Dimethylphenol	ND	40	20		1	50	0.46	33-77	40	02/01/2010 1903
Di-n-butyl phthalate	ND	40	33		1	82	5.8	50-134	40	02/01/2010 1903
4,6-Dinitro-2-methylphenol	ND	200	210		1	104	0.75	33-118	40	02/01/2010 1903
2,4-Dinitrophenol	ND	200	220		1	110	12	19-119	40	02/01/2010 1903
2,4-Dinitrotoluene	ND	80	65		1	82	2.3	50-104	40	02/01/2010 1903
2,6-Dinitrotoluene	ND	80	66		1	82	6.8	53-128	40	02/01/2010 1903
Di-n-octylphthalate	ND	40	30		1	74	13	40-112	40	02/01/2010 1903
bis(2-Ethylhexyl)phthalate	ND	40	30		1	74	14	10-142	40	02/01/2010 1903
Fluoranthene	ND	40	31		1	78	7.8	50-124	40	02/01/2010 1903
Fluorene	ND	40	28		1	71	4.8	39-122	40	02/01/2010 1903
Hexachlorobenzene	ND	40	30		1	74	12	46-125	40	02/01/2010 1903
Hexachlorobutadiene	ND	40	20		1	49	9.1	42-94	40	02/01/2010 1903
Hexachlorocyclopentadiene	ND	200	80		1	40	10	14-89	40	02/01/2010 1903
Hexachloroethane	ND	40	19		1	47	16	39-86	40	02/01/2010 1903
Indeno(1,2,3-c,d)pyrene	ND	40	31		1	78	13	43-113	40	02/01/2010 1903
Isophorone	ND	40	23		1	57	6.4	42-84	40	02/01/2010 1903
2-Methylnaphthalene	ND	40	21		1	53	5.9	46-90	40	02/01/2010 1903
2-Methylphenol	ND	40	17		1	43	10	33-122	40	02/01/2010 1903
3 & 4-Methylphenol	ND	80	40		1	50	8.8	24-97	40	02/01/2010 1903

PQL = Practical quantitation limit
P = The RPD between two GC columns exceeds 40%
N - Recovery is out of criteria
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MSD

Sample ID: LA25013-007MD
Batch: 26497
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 01/29/2010 1829

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Naphthalene	16	40	30	N	1	34	5.7	46-89	40	02/01/2010 1903
2-Nitroaniline	ND	80	66		1	82	4.1	48-126	40	02/01/2010 1903
3-Nitroaniline	ND	80	49		1	61	0.89	10-110	40	02/01/2010 1903
4-Nitroaniline	ND	80	68		1	85	0.093	41-99	40	02/01/2010 1903
Nitrobenzene	ND	40	20		1	50	11	44-91	40	02/01/2010 1903
2-Nitrophenol	ND	80	49		1	61	8.0	34-102	40	02/01/2010 1903
4-Nitrophenol	ND	200	170		1	87	7.0	29-122	40	02/01/2010 1903
N-Nitrosodi-n-propylamine	ND	40	21		1	52	9.5	41-96	40	02/01/2010 1903
N-Nitrosodiphenylamine (Diphenylamine)	ND	40	26		1	66	9.8	10-150	40	02/01/2010 1903
Pentachlorophenol	ND	200	200		1	100	11	32-110	40	02/01/2010 1903
Phenanthrene	ND	40	30		1	75	8.3	49-122	40	02/01/2010 1903
Phenol	ND	40	19		1	47	14	33-92	40	02/01/2010 1903
Pyrene	ND	40	33		1	81	3.9	50-130	40	02/01/2010 1903
2,4,5-Trichlorophenol	ND	40	34		1	84	8.7	46-125	40	02/01/2010 1903
2,4,6-Trichlorophenol	ND	40	26		1	65	9.7	36-123	40	02/01/2010 1903

Surrogate	Q	% Rec	Acceptance Limit
2-Fluorobiphenyl		60	37-129
2-Fluorophenol		48	24-127
Nitrobenzene-d5		51	38-127
Phenol-d5		51	28-128
Terphenyl-d14		66	10-148
2,4,6-Tribromophenol		75	41-144

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MB

Sample ID: LQ26818-001
Batch: 26818
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 02/03/2010 1520

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Benzo(a)pyrene	ND		1	1.0	0.16	ug/L	02/03/2010 2053
Benzo(b)fluoranthene	ND		1	1.0	0.20	ug/L	02/03/2010 2053
Benzo(g,h,i)perylene	ND		1	1.0	0.23	ug/L	02/03/2010 2053
Benzo(k)fluoranthene	ND		1	1.0	0.12	ug/L	02/03/2010 2053
Di-n-octylphthalate	ND		1	5.0	1.7	ug/L	02/03/2010 2053
Dibenzo(a,h)anthracene	ND		1	1.0	0.13	ug/L	02/03/2010 2053
Indeno(1,2,3-c,d)pyrene	ND		1	1.0	0.23	ug/L	02/03/2010 2053

Surrogate	Q	% Rec	Acceptance Limit
2,4,6-Tribromophenol		45	41-144
2-Fluorobiphenyl		55	37-129
2-Fluorophenol		39	24-127
Nitrobenzene-d5		57	38-127
Phenol-d5	N	26	28-128
Terphenyl-d14		49	10-148

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - LCS

Sample ID: LQ26818-002
Batch: 26818
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 02/03/2010 1520

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Benzo(a)pyrene	20	13		1	67	55-141	02/03/2010 2114
Benzo(b)fluoranthene	20	11		1	53	48-147	02/03/2010 2114
Benzo(g,h,i)perylene	20	13		1	66	48-139	02/03/2010 2114
Benzo(k)fluoranthene	20	12		1	60	48-148	02/03/2010 2114
Di-n-octylphthalate	20	13		1	67	50-136	02/03/2010 2114
Dibenzo(a,h)anthracene	20	12		1	60	48-139	02/03/2010 2114
Indeno(1,2,3-c,d)pyrene	20	12		1	61	49-146	02/03/2010 2114

Surrogate	Q	% Rec	Acceptance Limit
2,4,6-Tribromophenol		55	41-144
2-Fluorobiphenyl		59	37-129
2-Fluorophenol		42	24-127
Nitrobenzene-d5		58	38-127
Phenol-d5		28	28-128
Terphenyl-d14		49	10-148

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MS

Sample ID: LA25013-007MS
Batch: 26818
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 02/03/2010 1520

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Benzo(a)pyrene	ND	43	29		1	66	11-160	02/03/2010 2315
Benzo(b)fluoranthene	ND	43	23		1	52	10-165	02/03/2010 2315
Benzo(g,h,i)perylene	ND	43	26		1	61	42-111	02/03/2010 2315
Benzo(k)fluoranthene	ND	43	26		1	59	13-175	02/03/2010 2315
Dibenzo(a,h)anthracene	ND	43	25		1	57	47-116	02/03/2010 2315
Di-n-octylphthalate	ND	43	28		1	65	40-112	02/03/2010 2315
Indeno(1,2,3-c,d)pyrene	ND	43	25		1	58	43-113	02/03/2010 2315

Surrogate	Q	% Rec	Acceptance Limit
2-Fluorobiphenyl		55	37-129
2-Fluorophenol		50	24-127
Nitrobenzene-d5		55	38-127
Phenol-d5		44	28-128
Terphenyl-d14		47	10-148
2,4,6-Tribromophenol		53	41-144

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MSD

Sample ID: LA25013-007MD
Batch: 26818
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 02/03/2010 1520

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Benzo(a)pyrene	ND	43	29		1	68	2.2	11-160	40	02/03/2010 2335
Benzo(b)fluoranthene	ND	43	23		1	52	0.30	10-165	40	02/03/2010 2335
Benzo(g,h,i)perylene	ND	43	27		1	62	2.7	42-111	40	02/03/2010 2335
Benzo(k)fluoranthene	ND	43	27		1	62	4.2	13-175	40	02/03/2010 2335
Dibenzo(a,h)anthracene	ND	43	26		1	59	3.5	47-116	40	02/03/2010 2335
Di-n-octylphthalate	ND	43	29		1	67	3.1	40-112	40	02/03/2010 2335
Indeno(1,2,3-c,d)pyrene	ND	43	26		1	60	3.4	43-113	40	02/03/2010 2335

Surrogate	Q	% Rec	Acceptance Limit
2-Fluorobiphenyl		52	37-129
2-Fluorophenol		47	24-127
Nitrobenzene-d5		52	38-127
Phenol-d5		42	28-128
Terphenyl-d14		49	10-148
2,4,6-Tribromophenol		56	41-144

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Shealy Environmental Services, Inc.
Document Number: T-AD-016
Revision Number: 6

Replaces Date: 09/22/06
Effective Date: 05/29/07

Sample Receipt Checklist (SRC)

Client: Arcadis Cooler Inspected by/date: ec 1/25/10 Lot #: LA25013

Means of receipt: ☐ SESI ☐ Client ☐ UPS ☑ FedEx ☐ Airborne Exp ☐ Other

☑ Yes	☐ No	☐ NA	1. Were custody seals present on the cooler?
☑ Yes	☐ No	☐ NA	2. If custody seals were present, were they intact and unbroken?

Cooler ID/temperature upon receipt: 3 - 8 °C / °C / °C / °C / °C / 2 °C / °C / °C / °C

Method: ☐ Temperature Blank ☑ Against Bottles
Method of coolant: ☐ Wet Ice ☐ Blue Ice ☐ Dry Ice ☐ None

If response is No (or Yes for 14, 15, 16), an explanation/resolution must be provided.

☐ Yes	☐ No	☑ NA ec 1/25/10	3. If temperature of any cooler exceeded 6.0°C, was Project Manager notified? PM notified by SRC, phone, note (circle one), other: _____. (For coolers received via commercial courier, PMs are to be notified immediately.
☑ Yes	☐ No	☑ NA	4. Is the commercial courier's packing slip attached to this form?
☑ Yes	☐ No	☐ NA	5. Were proper custody procedures (relinquished/received) followed?
☑ Yes	☐ No	☐ NA	6. Were sample IDs listed?
☑ Yes	☐ No	☐ NA	7. Was collection date & time listed?
☑ Yes	☐ No	☐ NA	8. Were tests to be performed listed on the COC or was quote # provided?
☑ Yes	☐ No	☐ NA	9. Did all samples arrive in the proper containers for each test?
☑ Yes	☐ No	☐ NA	10. Did all container label information (ID, date, time) agree with COC?
☑ Yes	☐ No	☐ NA	11. Did all containers arrive in good condition (unbroken, lids on, etc.)?
☑ Yes	☐ No	☐ NA	12. Was adequate sample volume available?
☑ Yes	☐ No	☐ NA	13. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
☐ Yes	☑ No	☐ NA	14. Were any samples containers missing?
☐ Yes	☑ No	☐ NA	15. Were there any excess samples not listed on COC?
☐ Yes	☑ No	☐ NA	16. Were bubbles present >"pea-size" (¼" or 6mm in diameter) in any VOA vials?
☐ Yes	☐ No	☑ NA	17. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
☐ Yes	☐ No	☑ NA	18. Were all cyanide and/or sulfide samples received at a pH >12?
☐ Yes	☐ No	☑ NA	19. Were all applicable NH3/TKN/cyanide/phenol/BNA/pest/PCB/herb (<0.2mg/L) and toxicity (<0.1mg/L) samples free of residual chlorine?
☐ Yes	☐ No	☑ NA	20. Were collection temperatures documented on the COC for NC samples?

Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)

Sample(s) _____ were received incorrectly preserved and were adjusted accordingly in sample receiving with _____ (H_2SO_4,HNO_3,HCl,NaOH) with the SR # (number) _____.

Sample(s) _____ were received with bubbles >6 mm in diameter.

Sample(s) _____ were received with TRC >0.2 mg/L for NH3/TKN/cyanide/BNA/pest/PCB/herb.

Toxicity sample(s) _____ analyzed by method 330.5.

Corrective Action taken, if necessary:

Was client notified: Yes ☐ No ☐

SESI employee: _____

Comments: _____

(This portion can be removed for recipient's records.)

Date 1/22/10 FedEx Tracking Number 862587233746

Sender's name Erica Maddox Phone 770 431-8666

Company ARCADIS

Address 2849 PACES FERRY RD SE STE 400

City ATLANTA State GA ZIP 30339-3769

SHEALY ENVIRONMENTAL SERVICES, INC.

108 Vantage Point Drive
West Columbia, South Carolina 29172
Telephone No. (803) 791-9700 Fax No. (803) 791-9111

Chain of Custody Record

Number 101520

Client: ARCADIS	Report to Contact: Janet Christy	Telephone No. / Fax No. / E-mail: 864-957-3900	Quote No.
Address: 2849 Paces Ferry	Sampler's Signature: x Erica Maddox	Waybill No.	Page 1 of 1
City: Atlanta / State: GA / Zip Code: 30339	Printed Name: Erica Maddox	Analysis (Attach list if more space is needed.)	
Project Name: Hunter HAA-18 Report			
Project No.: GP08HAFS. H18B	P.O. No.		Lot No.: LA25013

Sample ID / Description (Containers for each sample may be combined on one line.)	Date	Time	G=Grab C=Composite	Matrix: Aqueous	Solid	Non-Aqueous	No. of Containers by Preservative Type: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	VOCs	SVOCs	Remarks / Cooler I.D.
P-MW-1 (012110)	1/21/10	0905		X			2			3			✓	✓	
P-MW4 (012210)	1/22/10	1025		X			2			3			✓	✓	
P-MW5 (012210)	1/22/10	0900		X			2			3			✓	✓	
P-MW3 (012210)	1/22/10	0940		X			2			3			✓	✓	
DUP-HAA-18(012210)	1/22/10	1200		X			2			3			✓	✓	
TB-02(012910)	1/21/10	0900		X						2					
Erica Maddox 1/22/10															

Possible Hazard Identification: X Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☐ Unknown

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab

Note: All samples are retained for six weeks from receipt unless other arrangements are made.

Turn Around Time Required (Prior lab approval required for expedited TAT.): X Standard ☐ Rush (Specify)

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished by: Erica Maddox	1/22/10	1400	1. Received by: Fedex		
2. Relinquished by	Date	Time	2. Received by	Date: 1-23-10	Time: 0900
3. Relinquished by: FEDEX	Date: 1-23-10	Time: 0900	3. Laboratory received by	Date: 1-23	Time: 1400 EW 1/25/10

Comments

LAB USE ONLY
Received on Ice (Circle) Yes No Ice Pack

Receipt Temp. 3-8 °C

DISTRIBUTION: WHITE & YELLOW-Return to laboratory with Sample(s); PINK-Field/Client Copy

Document Number: F-AD-012 Effective Date: 08-04-02

SHEALY ENVIRONMENTAL SERVICES, INC.

106 Vantage Point Drive
West Columbia, South Carolina 29172
Telephone No. (803) 791-9700 Fax No. (803) 791-9111

SHEALY **Chain of Custody Record**

Number 105656

Client	Report to Contact	Telephone No. / Fax No. / E-mail	Quote No.
Arcadis		770-431-8666	
Address	**Sampler's Signature**	**Waybill No.**	**Page** 1 of 2
2849 Paces Ferry Rd. SE STE. 400	X		
City / **State** / **Zip Code**	**Printed Name**	**Analysis (Attach list if more space is needed.)**	
Atlanta / GA / 30339	Ryan Kontos		
Project Name			
Fort Stuart / HAAF			

Project No.	P.O. No.			Matrix			No. of Containers by Preservative Type										Lot No.
GP08HAFS.H18B.DGOFI																	LA25013
Sample ID / Description (Containers for each sample may be combined on one line.)	Date	Time	Grab/Composite	Aqueous	Solid	Non Aqueous	Unpres	H2SO4	HNO3	HCl	NaOH	5035 Kit		VOC (SW8260B)	SVOC (8270)		Remarks / Cooler I.D.
P-HGL-3C (1-25-10)	1/25/10	1745	G	X			X			X				3	2		
MS	↓	↓	G	X			X			X				3	2		
MSD	↓	↓	G	X			X			X				3	2		
PMW-6 (1-26-10)	1/26/10	0945	G	X			X			X				3	2		
PMW-6D (1-26-10)	↓	1115	G	X			X			X				3	2		
PMW-8D (1-26-10)	↓	1315	G	X			X			X				3	2		
PMW-8 (1-26-10)	↓	1420	G	X			X			X				3	2		
PMW-7D (1-26-10)	↓	1545	G	X			X			X				3	2		
PMW-7 (1-26-10)	↓	1715	G	X			X			X				3	2		

Possible Hazard Identification
X Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☐ Unknown

Sample Disposal
☐ Return to Client X Disposal by Lab

Note: All samples are retained for six weeks from receipt unless other arrangements are made.

Turn Around Time Required (Prior lab approval required for expedited TAT.)
X Standard ☐ Rush (Specify)

QC Requirements (Specify)

1. Relinquished by	Date	Time	1. Received by	Date	Time
	1/27/10	1230			
2. Relinquished by	Date	Time	2. Received by	Date	Time
3. Relinquished by: Fedex	Date 1-28-10	Time 0845	3. Laboratory received by	Date 1-28-10	Time 0845
Comments			LAB USE ONLY. Received on ice (Circle) Yes No Ice Pack	Receipt Temp. 3.0 °C	

DISTRIBUTION: WHITE & YELLOW-Return to laboratory with Sample(s); PINK-Field/Client Copy

Document Number: F-AD-012 Effective Date: 08-04-02

SHEALY ENVIRONMENTAL SERVICES, INC.

SHEALY Chain of Custody Record

SHEALY ENVIRONMENTAL SERVICES, INC.
106 Vantage Point Drive
West Columbia, South Carolina 29172
Telephone No. (803) 791-9700 Fax No. (803) 791-9111

Number 105657

Client: Arcadis	Report to Contact: Janet Christy	Telephone No. / Fax No. / E-mail: 770-431-8666	Cucta No.
Address: 2849 Paces Ferry Rd. SE STE. 400	Sampler's Signature:	Waybill No.	Page 2 of 2
City: Atlanta	State: GA Zip Code: 30339	Printed Name: Ryan Kontos	Analysis (Attach list if more space is needed.)
Project Name: Fort Stuart / HAAF HAA-18 Report			
Project No.: GP08HAFS.H18B.D60FI	P.O. No.		Lot No.: LA 2913

Sample ID / Description (Containers for each sample may be combined on one line.)	Date	Time	G=Grab C=Composite	Matrix: Aqueous	Solid	Non-Aqueous	No. of Containers by Preservative Type: Unpres.	HNO3	HNO3	HCl	NaOH	ZnAc/NaOH	VOCs	SVOCs	Metals	PH	Ignitability	Remarks / Cooler I.D.
H-101-IDW-HAA18 (1-27-10)	1/27/10	1000		X			X		X	X								
H-85-IDW-HAA09 (1-27-10)	1/27/10	1010		X			X		X	X								

Possible Hazard Identification:
X Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☐ Unknown

Sample Disposal:
☐ Return to Client X Disposal by Lab

Note: All samples are retained for six weeks from receipt unless other arrangements are made.

Turn Around Time Required (Prior lab approval required for expedited TAT.)
X Standard ☐ Rush (Specify)

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished by	1/27/10	1230	1. Received by		
2. Relinquished by			2. Received by		
3. Relinquished by FEDEX	1-29-10	0930	3. Laboratory received by	1-29-10	0930

Comments:

LAB USE ONLY
Received on ice (Circle) Yes No Ice Pack

Receipt Temp 3.9 °C

DISTRIBUTION: WHITE & YELLOW-Return to laboratory with Sample(s), PINK-Field/Client Copy

Shealy Environmental Services, Inc.
Document Number: S-AD-016
Revision Number: 6

Replaces Date: 09/22/06
Effective Date: 05/29/07

Sample Receipt Checklist (SRC)

Client: Arcadis Cooler Inspected by/date: tca 1/29/10 Lot #: LA 25013

Means of receipt: ☐ SESI ☐ Client ☐ UPS ☑ FedEx ☐ Airborne Exp ☐ Other

Yes ☑	No ☐	NA ☐	1. Were custody seals present on the cooler?
Yes ☑	No ☐	NA ☐	2. If custody seals were present, were they intact and unbroken?

Cooler ID/temperature upon receipt 3 °C / °C / °C / °C
/ °C / °C / °C / °C

Method: ☐ Temperature Blank ☑ Against Bottles
Method of coolant: ☑ Wet Ice ☐ Blue Ice ☐ Dry Ice ☐ None

If response is No (or Yes for 14, 15, 16), an explanation/resolution must be provided.

Yes ☐	No ☐	NA ☑	3. If temperature of any cooler exceeded 6.0°C, was Project Manager notified? PM notified by SRC, phone, note (circle one), other: _____. (For coolers received via commercial courier, PMs are to be notified immediately.
Yes ☑	No ☐	NA ☐	4. Is the commercial courier's packing slip attached to this form?
Yes ☐	No ☑	NA ☐	5. Were proper custody procedures (relinquished/received) followed?
Yes ☑	No ☐	NA ☐	6. Were sample IDs listed?
Yes ☑	No ☐	NA ☐	7. Was collection date & time listed?
Yes ☑	No ☐	NA ☐	8. Were tests to be performed listed on the COC or was quote # provided?
Yes ☑	No ☐	NA ☐	9. Did all samples arrive in the proper containers for each test?
Yes ☑	No ☐	NA ☐	10. Did all container label information (ID, date, time) agree with COC?
Yes ☑	No ☐	NA ☐	11. Did all containers arrive in good condition (unbroken, lids on, etc.)?
Yes ☑	No ☐	NA ☐	12. Was adequate sample volume available?
Yes ☐	No ☑	NA ☐	13. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
Yes ☐	No ☑	NA ☐	14. Were any samples containers missing?
Yes ☑	No ☐	NA ☐	15. Were there any excess samples not listed on COC? Trip Blank
Yes ☐	No ☑	NA ☐	16. Were bubbles present >"pea-size" (¼"or 6mm in diameter) in any VOA vials?
Yes ☑	No ☐	NA ☐	17. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
Yes ☐	No ☐	NA ☑	18. Were all cyanide and/or sulfide samples received at a pH >12?
Yes ☐	No ☐	NA ☑	19. Were all applicable NH3/TKN/cyanide/phenol/BNA/pest/PCB/herb (<0.2mg/L) and toxicity (<0.1mg/L) samples free of residual chlorine?
Yes ☐	No ☐	NA ☑	20. Were collection temperatures documented on the COC for NC samples?

Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)

Sample(s) _____ were received incorrectly preserved and were adjusted accordingly in sample receiving with _____ (H_2SO_4,HNO_3,HCl,NaOH) with the SR # (number) _____

Sample(s) _____ were received with bubbles >6 mm in diameter.

Sample(s) _____ were received with TRC >0.2 mg/L for NH3/TKN/cyanide/BNA/pest/PCB/herb.

Toxicity sample(s) _____ were received with TRC >0.1 mg/L and were analyzed by method 330.5.

Corrective Action taken, if necessary:

Was client notified: Yes ☐ No ☐ Did client respond: Yes ☐ No ☐

SESI employee: _____ Date of response: _____

Comments: _____

Shealy Environmental Services, Inc.
Document Number: F-AD-016
Revision Number: 6

Replaces Date: 09/22/06
Effective Date: 05/29/07

Sample Receipt Checklist (SRC)

Client: Arcadis Cooler Inspected by/date: ERE/ 1/28/13 DMP Lot #: LA 25013

Means of receipt: ☐ SESI ☐ Client ☐ UPS ☒ FedEx ☐ Airborne Exp ☐ Other

Yes ☒	No ☐	NA ☐	1. Were custody seals present on the cooler?
Yes ☒	No ☐	NA ☐	2. If custody seals were present, were they intact and unbroken?

Cooler ID/temperature upon receipt: 3.0/ °C / °C / °C / °C / °C / °C / °C / °C

Method: ☐ Temperature Blank ☒ Against Bottles
Method of coolant: ☒ Wet Ice ☐ Blue Ice ☐ Dry Ice ☐ None

If response is No (or Yes for 14, 15, 16), an explanation/resolution must be provided.

Yes ☐	No ☐	NA ☒	3. If temperature of any cooler exceeded 6.0°C, was Project Manager notified? PM notified by SRC, phone, note (circle one), other: _____. (For coolers received via commercial courier, PMs are to be notified immediately.)
Yes ☒	No ☐	NA ☐	4. Is the commercial courier's packing slip attached to this form?
Yes ☐	No ☒	NA ☐	5. Were proper custody procedures (relinquished/received) followed?
Yes ☒	No ☐	NA ☐	6. Were sample IDs listed?
Yes ☒	No ☐	NA ☐	7. Was collection date & time listed?
Yes ☒	No ☐	NA ☐	8. Were tests to be performed listed on the COC or was quote # provided?
Yes ☒	No ☐	NA ☐	9. Did all samples arrive in the proper containers for each test?
Yes ☒	No ☐	NA ☐	10. Did all container label information (ID, date, time) agree with COC?
Yes ☒	No ☐	NA ☐	11. Did all containers arrive in good condition (unbroken, lids on, etc.)?
Yes ☒	No ☐	NA ☐	12. Was adequate sample volume available?
Yes ☐	No ☒	NA ☐	13. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
Yes ☐	No ☒	NA ☐	14. Were any samples containers missing?
Yes ☐	No ☒	NA ☐	15. Were there any excess samples not listed on COC?
Yes ☐	No ☒	NA ☐	16. Were bubbles present >"pea-size" (¼"or 6mm in diameter) in any VOA vials?
Yes ☐	No ☐	NA ☒	17. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
Yes ☐	No ☐	NA ☒	18. Were all cyanide and/or sulfide samples received at a pH >12?
Yes ☐	No ☐	NA ☒	19. Were all applicable NH3/TKN/cyanide/phenol/BNA/pest/PCB/herb (<0.2mg/L) and toxicity (<0.1mg/L) samples free of residual chlorine?
Yes ☐	No ☐	NA ☒	20. Were collection temperatures documented on the COC for NC samples?

Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)

Sample(s) _____ were received incorrectly preserved and were adjusted accordingly in sample receiving with _____ (H_2SO_4,HNO_3,HCl,NaOH) with the SR # (number)

Sample(s) _____ were received with bubbles >6 mm in diameter.

Sample(s) _____ were received with TRC >0.2 mg/L for NH3/TKN/cyanide/BNA/pest/PCB/herb.

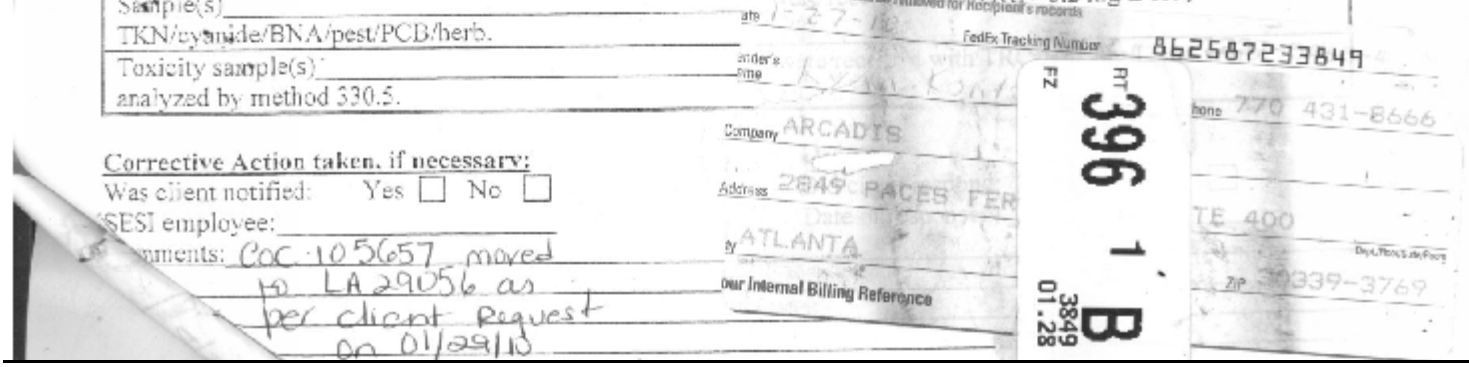
Toxicity sample(s) _____ analyzed by method 330.5.

Corrective Action taken, if necessary:

Was client notified: Yes ☐ No ☐

SESI employee: _____

Comments: COC 105657 moved to LA29056 as per client Request on 01/29/13



Report of Analysis

ARCADIS U.S., Inc.
30 Patewood Drive
Suite 155
Greenville, SC 29615
Attention: Chase Forman

Project Name: Hunter Stewart HAA-18

Project Number: GP08HAFS.H18B.DG0FI

Lot Number: LC31009

Date Completed: 04/06/2010

Nisreen Saikaly
Project Manager

The following non-paginated documents are considered part of this report: Chain of Custody Record and Sample Receipt Checklist.

* L C 3 1 0 0 9 *

Case Narrative
ARCADIS U.S., Inc.
Lot Number: LC31009

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved NELAC standards, the Shealy Environmental Services, Inc. ("Shealy") Quality Assurance Management Plan (QAMP), standard operating procedures (SOPs), and Shealy policies. Any exceptions to the NELAC standards, the QAMP, SOPs or policies are qualified on the results page or discussed below.

If you have any questions regarding this report please contact the Shealy Project Manager listed on the cover page.

Semivolatile Organic Compounds

The LCS recovery for Carbazole exceeded method control limits in batch 30750; however, all other QA/QC criteria for the LCS/LCSD were within acceptance criteria and method control limits. The associated sample results were non-detect, therefore the results were reported and no corrective action was required.

Sample Summary
ARCADIS U.S., Inc.
Lot Number: LC31009

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	HGL-3B (033010)	Aqueous	03/30/2010 1526	03/31/2010
002	MW-2 (033010)	Aqueous	03/30/2010 1632	03/31/2010
003	TB (033010)	Aqueous	03/31/2010 0840	03/31/2010

(3 samples)

Executive Summary

ARCADIS U.S., Inc.

Lot Number: LC31009

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	HGL-3B (033010)	Aqueous	Acetone	8260B	2.2	J	ug/L	5
001	HGL-3B (033010)	Aqueous	Methylene chloride	8260B	0.21	BJ	ug/L	5
002	MW-2 (033010)	Aqueous	Acetone	8260B	2.4	J	ug/L	9
002	MW-2 (033010)	Aqueous	Benzene	8260B	0.59		ug/L	9
002	MW-2 (033010)	Aqueous	Methylene chloride	8260B	0.20	BJ	ug/L	9
003	TB (033010)	Aqueous	Acetone	8260B	1.9	J	ug/L	13
003	TB (033010)	Aqueous	Methylene chloride	8260B	0.22	BJ	ug/L	13

(7 detections)

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Description: HGL-3B (033010)
Date Sampled: 03/30/2010 1526
Date Received: 03/31/2010

Laboratory ID: LC31009-001
Matrix: Aqueous

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/01/2010 0720	DLB		30698

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	2.2	J	10	0.061	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	0.027	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	0.17	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	0.010	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	0.20	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	0.085	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	0.17	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	0.17	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	0.17	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	0.17	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	0.30	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	0.069	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	0.061	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	0.17	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	0.17	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	0.071	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	0.054	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	0.023	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	0.079	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	0.094	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	0.087	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	0.081	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	0.18	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	0.090	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	0.029	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	0.019	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	0.21	BJ	0.50	0.17	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	0.015	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	0.013	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	0.014	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	0.17	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	0.029	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	0.031	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LC31009-001
Description: HGL-3B (033010)
Matrix: Aqueous
Date Sampled: 03/30/2010 1526
Date Received: 03/31/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/01/2010 0720	DLB		30698

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	0.024	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	0.051	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	0.065	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	0.17	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		114	70-130
Bromofluorobenzene		96	70-130
Toluene-d8		111	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Semivolatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LC31009-001
Description: HGL-3B (033010)
Matrix: Aqueous
Date Sampled: 03/30/2010 1526
Date Received: 03/31/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/05/2010 1929	WD	04/01/2010 2347	30750

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270D	ND		1.1	0.10	ug/L	1
Acenaphthylene	208-96-8	8270D	ND		1.1	0.18	ug/L	1
Acetophenone	98-86-2	8270D	ND		1.1	0.36	ug/L	1
Anthracene	120-12-7	8270D	ND		1.1	0.14	ug/L	1
Atrazine	1912-24-9	8270D	ND		1.1	0.22	ug/L	1
Benzaldehyde	100-52-7	8270D	ND		5.6	1.1	ug/L	1
Benzo(a)anthracene	56-55-3	8270D	ND		1.1	0.17	ug/L	1
Benzo(a)pyrene	50-32-8	8270D	ND		1.1	0.18	ug/L	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		1.1	0.22	ug/L	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		1.1	0.26	ug/L	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		1.1	0.13	ug/L	1
1,1'-Biphenyl	92-52-4	8270D	ND		1.1	0.22	ug/L	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		1.1	0.13	ug/L	1
Butyl benzyl phthalate	85-68-7	8270D	ND		5.6	1.9	ug/L	1
Caprolactam	105-60-2	8270D	ND		5.6	1.3	ug/L	1
Carbazole	86-74-8	8270D	ND		1.1	0.28	ug/L	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		1.1	0.24	ug/L	1
4-Chloroaniline	106-47-8	8270D	ND		1.1	0.14	ug/L	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		1.1	0.14	ug/L	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		1.1	0.14	ug/L	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		1.1	0.089	ug/L	1
2-Chloronaphthalene	91-58-7	8270D	ND		1.1	0.13	ug/L	1
2-Chlorophenol	95-57-8	8270D	ND		1.1	0.14	ug/L	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		1.1	0.12	ug/L	1
Chrysene	218-01-9	8270D	ND		1.1	0.13	ug/L	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		1.1	0.14	ug/L	1
Dibenzofuran	132-64-9	8270D	ND		1.1	0.18	ug/L	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		5.6	0.90	ug/L	1
2,4-Dichlorophenol	120-83-2	8270D	ND		1.1	0.17	ug/L	1
Diethylphthalate	84-66-2	8270D	ND		5.6	1.9	ug/L	1
Dimethyl phthalate	131-11-3	8270D	ND		5.6	1.9	ug/L	1
2,4-Dimethylphenol	105-67-9	8270D	ND		1.1	0.34	ug/L	1
Di-n-butyl phthalate	84-74-2	8270D	ND		5.6	1.9	ug/L	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		5.6	1.6	ug/L	1
2,4-Dinitrophenol	51-28-5	8270D	ND		5.6	0.28	ug/L	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		2.2	0.50	ug/L	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		2.2	0.44	ug/L	1
Di-n-octylphthalate	117-84-0	8270D	ND		5.6	1.9	ug/L	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		5.6	1.9	ug/L	1
Fluoranthene	206-44-0	8270D	ND		1.1	0.23	ug/L	1
Fluorene	86-73-7	8270D	ND		1.1	0.11	ug/L	1
Hexachlorobenzene	118-74-1	8270D	ND		1.1	0.23	ug/L	1
Hexachlorobutadiene	87-68-3	8270D	ND		1.1	0.10	ug/L	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		5.6	0.26	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Semivolatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LC31009-001
Description: HGL-3B (033010)
Matrix: Aqueous
Date Sampled: 03/30/2010 1526
Date Received: 03/31/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/05/2010 1929	WD	04/01/2010 2347	30750

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		1.1	0.12	ug/L	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		1.1	0.26	ug/L	1
Isophorone	78-59-1	8270D	ND		1.1	0.089	ug/L	1
2-Methylnaphthalene	91-57-6	8270D	ND		1.1	0.089	ug/L	1
2-Methylphenol	95-48-7	8270D	ND		1.1	0.19	ug/L	1
3 & 4-Methylphenol	106-44-5	8270D	ND		2.2	0.63	ug/L	1
Naphthalene	91-20-3	8270D	ND		1.1	0.078	ug/L	1
2-Nitroaniline	88-74-4	8270D	ND		2.2	0.61	ug/L	1
3-Nitroaniline	99-09-2	8270D	ND		2.2	0.86	ug/L	1
4-Nitroaniline	100-01-6	8270D	ND		2.2	0.43	ug/L	1
Nitrobenzene	98-95-3	8270D	ND		1.1	0.11	ug/L	1
2-Nitrophenol	88-75-5	8270D	ND		2.2	0.30	ug/L	1
4-Nitrophenol	100-02-7	8270D	ND		5.6	0.71	ug/L	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		1.1	0.089	ug/L	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		1.1	0.42	ug/L	1
Pentachlorophenol	87-86-5	8270D	ND		5.6	0.60	ug/L	1
Phenanthrene	85-01-8	8270D	ND		1.1	0.20	ug/L	1
Phenol	108-95-2	8270D	ND		1.1	0.12	ug/L	1
Pyrene	129-00-0	8270D	ND		1.1	0.18	ug/L	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		1.1	0.20	ug/L	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		1.1	0.24	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2-Fluorobiphenyl		61	37-129
2-Fluorophenol		48	24-127
Nitrobenzene-d5		59	38-127
Phenol-d5		54	28-128
Terphenyl-d14		58	10-148
2,4,6-Tribromophenol		75	41-144

PQL = Practical quantitation limit
B = Detected in the method blank
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Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LC31009-002
Description: MW-2 (033010)
Matrix: Aqueous
Date Sampled: 03/30/2010 1632
Date Received: 03/31/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/01/2010 0742	DLB		30698

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	2.4	J	10	0.061	ug/L	1
Benzene	71-43-2	8260B	0.59		0.50	0.027	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	0.17	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	0.010	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	0.20	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	0.085	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	0.17	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	0.17	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	0.17	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	0.17	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	0.30	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	0.069	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	0.061	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	0.17	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	0.17	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	0.071	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	0.054	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	0.023	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	0.079	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	0.094	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	0.087	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	0.081	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	0.18	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	0.090	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	0.029	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	0.019	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	0.20	BJ	0.50	0.17	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	0.015	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	0.013	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	0.014	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	0.17	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	0.029	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	0.031	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LC31009-002
Description: MW-2 (033010)
Matrix: Aqueous
Date Sampled: 03/30/2010 1632
Date Received: 03/31/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/01/2010 0742	DLB		30698

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	0.024	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	0.051	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	0.065	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	0.17	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		115	70-130
Bromofluorobenzene		95	70-130
Toluene-d8		112	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Semivolatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LC31009-002
Description: MW-2 (033010)
Matrix: Aqueous
Date Sampled: 03/30/2010 1632
Date Received: 03/31/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/05/2010 1949	WD	04/01/2010 2347	30750

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270D	ND		1.1	0.10	ug/L	1
Acenaphthylene	208-96-8	8270D	ND		1.1	0.18	ug/L	1
Acetophenone	98-86-2	8270D	ND		1.1	0.36	ug/L	1
Anthracene	120-12-7	8270D	ND		1.1	0.15	ug/L	1
Atrazine	1912-24-9	8270D	ND		1.1	0.22	ug/L	1
Benzaldehyde	100-52-7	8270D	ND		5.6	1.1	ug/L	1
Benzo(a)anthracene	56-55-3	8270D	ND		1.1	0.17	ug/L	1
Benzo(a)pyrene	50-32-8	8270D	ND		1.1	0.18	ug/L	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		1.1	0.22	ug/L	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		1.1	0.26	ug/L	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		1.1	0.13	ug/L	1
1,1'-Biphenyl	92-52-4	8270D	ND		1.1	0.22	ug/L	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		1.1	0.13	ug/L	1
Butyl benzyl phthalate	85-68-7	8270D	ND		5.6	1.9	ug/L	1
Caprolactam	105-60-2	8270D	ND		5.6	1.4	ug/L	1
Carbazole	86-74-8	8270D	ND		1.1	0.28	ug/L	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		1.1	0.25	ug/L	1
4-Chloroaniline	106-47-8	8270D	ND		1.1	0.15	ug/L	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		1.1	0.15	ug/L	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		1.1	0.15	ug/L	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		1.1	0.090	ug/L	1
2-Chloronaphthalene	91-58-7	8270D	ND		1.1	0.13	ug/L	1
2-Chlorophenol	95-57-8	8270D	ND		1.1	0.15	ug/L	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		1.1	0.12	ug/L	1
Chrysene	218-01-9	8270D	ND		1.1	0.13	ug/L	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		1.1	0.15	ug/L	1
Dibenzofuran	132-64-9	8270D	ND		1.1	0.18	ug/L	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		5.6	0.91	ug/L	1
2,4-Dichlorophenol	120-83-2	8270D	ND		1.1	0.17	ug/L	1
Diethylphthalate	84-66-2	8270D	ND		5.6	1.9	ug/L	1
Dimethyl phthalate	131-11-3	8270D	ND		5.6	1.9	ug/L	1
2,4-Dimethylphenol	105-67-9	8270D	ND		1.1	0.35	ug/L	1
Di-n-butyl phthalate	84-74-2	8270D	ND		5.6	1.9	ug/L	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		5.6	1.7	ug/L	1
2,4-Dinitrophenol	51-28-5	8270D	ND		5.6	0.28	ug/L	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		2.2	0.51	ug/L	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		2.2	0.45	ug/L	1
Di-n-octylphthalate	117-84-0	8270D	ND		5.6	1.9	ug/L	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		5.6	1.9	ug/L	1
Fluoranthene	206-44-0	8270D	ND		1.1	0.24	ug/L	1
Fluorene	86-73-7	8270D	ND		1.1	0.11	ug/L	1
Hexachlorobenzene	118-74-1	8270D	ND		1.1	0.24	ug/L	1
Hexachlorobutadiene	87-68-3	8270D	ND		1.1	0.10	ug/L	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		5.6	0.26	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Semivolatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LC31009-002
Description: MW-2 (033010)
Matrix: Aqueous
Date Sampled: 03/30/2010 1632
Date Received: 03/31/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D	1	04/05/2010 1949	WD	04/01/2010 2347	30750

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		1.1	0.12	ug/L	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		1.1	0.26	ug/L	1
Isophorone	78-59-1	8270D	ND		1.1	0.090	ug/L	1
2-Methylnaphthalene	91-57-6	8270D	ND		1.1	0.090	ug/L	1
2-Methylphenol	95-48-7	8270D	ND		1.1	0.19	ug/L	1
3 & 4-Methylphenol	106-44-5	8270D	ND		2.2	0.64	ug/L	1
Naphthalene	91-20-3	8270D	ND		1.1	0.079	ug/L	1
2-Nitroaniline	88-74-4	8270D	ND		2.2	0.62	ug/L	1
3-Nitroaniline	99-09-2	8270D	ND		2.2	0.87	ug/L	1
4-Nitroaniline	100-01-6	8270D	ND		2.2	0.44	ug/L	1
Nitrobenzene	98-95-3	8270D	ND		1.1	0.11	ug/L	1
2-Nitrophenol	88-75-5	8270D	ND		2.2	0.30	ug/L	1
4-Nitrophenol	100-02-7	8270D	ND		5.6	0.72	ug/L	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		1.1	0.090	ug/L	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		1.1	0.43	ug/L	1
Pentachlorophenol	87-86-5	8270D	ND		5.6	0.61	ug/L	1
Phenanthrene	85-01-8	8270D	ND		1.1	0.20	ug/L	1
Phenol	108-95-2	8270D	ND		1.1	0.12	ug/L	1
Pyrene	129-00-0	8270D	ND		1.1	0.18	ug/L	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		1.1	0.20	ug/L	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		1.1	0.25	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2-Fluorobiphenyl		58	37-129
2-Fluorophenol		51	24-127
Nitrobenzene-d5		59	38-127
Phenol-d5		47	28-128
Terphenyl-d14		62	10-148
2,4,6-Tribromophenol		74	41-144

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LC31009-003
Description: TB (033010)
Matrix: Aqueous
Date Sampled: 03/31/2010 0840
Date Received: 03/31/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/01/2010 0803	DLB		30698

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	1.9	J	10	0.061	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	0.027	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	0.17	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	0.010	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	0.20	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	0.085	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	0.17	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	0.17	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	0.17	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	0.17	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	0.30	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	0.069	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	0.061	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	0.17	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	0.17	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	0.17	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	0.071	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	0.054	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	0.023	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	0.079	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	0.094	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	0.087	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	0.081	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	0.18	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	0.090	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	0.17	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	0.029	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	0.019	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	0.22	BJ	0.50	0.17	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	0.015	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	0.013	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	0.014	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	0.17	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	0.17	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	0.029	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	0.031	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ARCADIS U.S., Inc.
Laboratory ID: LC31009-003
Description: TB (033010)
Matrix: Aqueous
Date Sampled: 03/31/2010 0840
Date Received: 03/31/2010

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/01/2010 0803	DLB		30698

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	0.024	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	0.051	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	0.065	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	0.17	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		115	70-130
Bromofluorobenzene		93	70-130
Toluene-d8		111	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

QC Summary

Volatile Organic Compounds by GC/MS - MB

Sample ID: LQ30698-001
Batch: 30698
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	10	0.061	ug/L	04/01/2010 0301
Benzene	ND		1	0.50	0.027	ug/L	04/01/2010 0301
Bromodichloromethane	ND		1	0.50	0.17	ug/L	04/01/2010 0301
Bromoform	ND		1	0.50	0.010	ug/L	04/01/2010 0301
Bromomethane (Methyl bromide)	ND		1	0.50	0.20	ug/L	04/01/2010 0301
2-Butanone (MEK)	ND		1	10	2.0	ug/L	04/01/2010 0301
Carbon disulfide	ND		1	0.50	0.097	ug/L	04/01/2010 0301
Carbon tetrachloride	ND		1	0.50	0.085	ug/L	04/01/2010 0301
Chlorobenzene	ND		1	0.50	0.17	ug/L	04/01/2010 0301
Chloroethane	ND		1	0.50	0.17	ug/L	04/01/2010 0301
Chloroform	ND		1	0.50	0.17	ug/L	04/01/2010 0301
Chloromethane (Methyl chloride)	ND		1	0.50	0.17	ug/L	04/01/2010 0301
Cyclohexane	ND		1	0.50	0.30	ug/L	04/01/2010 0301
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	0.50	0.069	ug/L	04/01/2010 0301
Dibromochloromethane	ND		1	0.50	0.17	ug/L	04/01/2010 0301
1,2-Dibromoethane (EDB)	ND		1	0.50	0.061	ug/L	04/01/2010 0301
1,4-Dichlorobenzene	ND		1	0.50	0.17	ug/L	04/01/2010 0301
1,2-Dichlorobenzene	ND		1	0.50	0.17	ug/L	04/01/2010 0301
1,3-Dichlorobenzene	ND		1	0.50	0.17	ug/L	04/01/2010 0301
Dichlorodifluoromethane	ND		1	0.50	0.071	ug/L	04/01/2010 0301
1,2-Dichloroethane	ND		1	0.50	0.023	ug/L	04/01/2010 0301
1,1-Dichloroethane	ND		1	0.50	0.054	ug/L	04/01/2010 0301
trans-1,2-Dichloroethene	ND		1	0.50	0.079	ug/L	04/01/2010 0301
cis-1,2-Dichloroethene	ND		1	0.50	0.087	ug/L	04/01/2010 0301
1,1-Dichloroethene	ND		1	0.50	0.094	ug/L	04/01/2010 0301
1,2-Dichloropropane	ND		1	0.50	0.081	ug/L	04/01/2010 0301
trans-1,3-Dichloropropene	ND		1	0.50	0.18	ug/L	04/01/2010 0301
cis-1,3-Dichloropropene	ND		1	0.50	0.090	ug/L	04/01/2010 0301
Ethylbenzene	ND		1	0.50	0.17	ug/L	04/01/2010 0301
2-Hexanone	ND		1	10	0.27	ug/L	04/01/2010 0301
Isopropylbenzene	ND		1	0.50	0.029	ug/L	04/01/2010 0301
Methyl acetate	ND		1	1.0	0.30	ug/L	04/01/2010 0301
Methyl tertiary butyl ether (MTBE)	ND		1	0.50	0.019	ug/L	04/01/2010 0301
4-Methyl-2-pentanone	ND		1	10	0.31	ug/L	04/01/2010 0301
Methylcyclohexane	ND		1	5.0	0.95	ug/L	04/01/2010 0301
Methylene chloride	0.22	J	1	0.50	0.17	ug/L	04/01/2010 0301
Styrene	ND		1	0.50	0.015	ug/L	04/01/2010 0301
1,1,2,2-Tetrachloroethane	ND		1	0.50	0.013	ug/L	04/01/2010 0301
Tetrachloroethene	ND		1	0.50	0.014	ug/L	04/01/2010 0301
Toluene	ND		1	0.50	0.17	ug/L	04/01/2010 0301
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	0.50	0.30	ug/L	04/01/2010 0301
1,2,4-Trichlorobenzene	ND		1	0.50	0.17	ug/L	04/01/2010 0301
1,1,1-Trichloroethane	ND		1	0.50	0.029	ug/L	04/01/2010 0301
1,1,2-Trichloroethane	ND		1	0.50	0.031	ug/L	04/01/2010 0301

PQL = Practical quantitation limit
P = The RPD between two GC columns exceeds 40%
N - Recovery is out of criteria
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
+ - RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: LQ30698-001
Batch: 30698
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	0.50	0.024	ug/L	04/01/2010 0301
Trichlorofluoromethane	ND		1	0.50	0.051	ug/L	04/01/2010 0301
Vinyl chloride	ND		1	0.50	0.065	ug/L	04/01/2010 0301
Xylenes (total)	ND		1	0.50	0.17	ug/L	04/01/2010 0301

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		93	70-130
1,2-Dichloroethane-d4		114	70-130
Toluene-d8		109	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: LQ30698-002
Batch: 30698
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	120		1	123	46-153	04/01/2010 0134
Benzene	50	56		1	111	70-130	04/01/2010 0134
Bromodichloromethane	50	51		1	102	70-130	04/01/2010 0134
Bromoform	50	46		1	93	70-130	04/01/2010 0134
Bromomethane (Methyl bromide)	50	59		1	119	60-140	04/01/2010 0134
2-Butanone (MEK)	100	110		1	114	60-140	04/01/2010 0134
Carbon disulfide	50	64		1	129	60-140	04/01/2010 0134
Carbon tetrachloride	50	61		1	123	70-130	04/01/2010 0134
Chlorobenzene	50	51		1	102	70-130	04/01/2010 0134
Chloroethane	50	56		1	112	42-163	04/01/2010 0134
Chloroform	50	58		1	116	70-130	04/01/2010 0134
Chloromethane (Methyl chloride)	50	49		1	99	20-158	04/01/2010 0134
Cyclohexane	50	59		1	119	70-130	04/01/2010 0134
1,2-Dibromo-3-chloropropane (DBCP)	50	47		1	94	70-130	04/01/2010 0134
Dibromochloromethane	50	48		1	96	70-130	04/01/2010 0134
1,2-Dibromoethane (EDB)	50	49		1	97	70-130	04/01/2010 0134
1,4-Dichlorobenzene	50	51		1	102	70-130	04/01/2010 0134
1,2-Dichlorobenzene	50	51		1	103	70-130	04/01/2010 0134
1,3-Dichlorobenzene	50	52		1	103	70-130	04/01/2010 0134
Dichlorodifluoromethane	50	60		1	120	60-140	04/01/2010 0134
1,2-Dichloroethane	50	57		1	114	70-130	04/01/2010 0134
1,1-Dichloroethane	50	57		1	114	70-130	04/01/2010 0134
trans-1,2-Dichloroethene	50	57		1	115	70-130	04/01/2010 0134
cis-1,2-Dichloroethene	50	57		1	114	70-130	04/01/2010 0134
1,1-Dichloroethene	50	58		1	115	70-130	04/01/2010 0134
1,2-Dichloropropane	50	54		1	108	70-130	04/01/2010 0134
trans-1,3-Dichloropropene	50	48		1	96	70-130	04/01/2010 0134
cis-1,3-Dichloropropene	50	51		1	102	70-130	04/01/2010 0134
Ethylbenzene	50	54		1	108	70-130	04/01/2010 0134
2-Hexanone	100	110		1	106	60-140	04/01/2010 0134
Isopropylbenzene	50	59		1	118	70-130	04/01/2010 0134
Methyl acetate	50	58		1	116	15-128	04/01/2010 0134
Methyl tertiary butyl ether (MTBE)	50	60		1	120	70-130	04/01/2010 0134
4-Methyl-2-pentanone	100	110		1	110	60-140	04/01/2010 0134
Methylcyclohexane	50	58		1	117	70-130	04/01/2010 0134
Methylene chloride	50	53		1	106	70-130	04/01/2010 0134
Styrene	50	47		1	93	70-130	04/01/2010 0134
1,1,2,2-Tetrachloroethane	50	57		1	113	70-130	04/01/2010 0134
Tetrachloroethene	50	50		1	100	70-130	04/01/2010 0134
Toluene	50	56		1	111	70-130	04/01/2010 0134
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	55		1	111	70-130	04/01/2010 0134
1,2,4-Trichlorobenzene	50	54		1	108	70-130	04/01/2010 0134
1,1,1-Trichloroethane	50	61		1	122	70-130	04/01/2010 0134
1,1,2-Trichloroethane	50	50		1	101	70-130	04/01/2010 0134

PQL = Practical quantitation limit
P = The RPD between two GC columns exceeds 40%
N - Recovery is out of criteria
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
+ - RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: LQ30698-002
Batch: 30698
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	52		1	105	70-130	04/01/2010 0134
Trichlorofluoromethane	50	58		1	116	60-140	04/01/2010 0134
Vinyl chloride	50	60		1	120	60-140	04/01/2010 0134
Xylenes (total)	100	100		1	105	70-130	04/01/2010 0134

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		99	70-130
1,2-Dichloroethane-d4		110	70-130
Toluene-d8		110	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: LQ30698-003
Batch: 30698
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	130		1	130	5.4	46-153	20	04/01/2010 0155
Benzene	50	55		1	109	1.6	70-130	20	04/01/2010 0155
Bromodichloromethane	50	51		1	102	0.79	70-130	20	04/01/2010 0155
Bromoform	50	48		1	96	3.9	70-130	20	04/01/2010 0155
Bromomethane (Methyl bromide)	50	56		1	111	6.4	60-140	20	04/01/2010 0155
2-Butanone (MEK)	100	120		1	116	2.5	60-140	20	04/01/2010 0155
Carbon disulfide	50	62		1	125	3.2	60-140	20	04/01/2010 0155
Carbon tetrachloride	50	59		1	118	3.7	70-130	20	04/01/2010 0155
Chlorobenzene	50	52		1	104	1.2	70-130	20	04/01/2010 0155
Chloroethane	50	54		1	108	4.4	42-163	20	04/01/2010 0155
Chloroform	50	56		1	113	2.7	70-130	20	04/01/2010 0155
Chloromethane (Methyl chloride)	50	48		1	95	3.6	20-158	20	04/01/2010 0155
Cyclohexane	50	58		1	115	3.1	70-130	20	04/01/2010 0155
1,2-Dibromo-3-chloropropane (DBCP)	50	48		1	95	1.1	70-130	20	04/01/2010 0155
Dibromochloromethane	50	49		1	98	2.2	70-130	20	04/01/2010 0155
1,2-Dibromoethane (EDB)	50	49		1	99	1.7	70-130	20	04/01/2010 0155
1,4-Dichlorobenzene	50	51		1	103	0.77	70-130	20	04/01/2010 0155
1,2-Dichlorobenzene	50	51		1	102	0.24	70-130	20	04/01/2010 0155
1,3-Dichlorobenzene	50	52		1	103	0.074	70-130	20	04/01/2010 0155
Dichlorodifluoromethane	50	57		1	115	4.3	60-140	20	04/01/2010 0155
1,2-Dichloroethane	50	56		1	112	1.9	70-130	20	04/01/2010 0155
1,1-Dichloroethane	50	56		1	112	2.3	70-130	20	04/01/2010 0155
trans-1,2-Dichloroethene	50	56		1	112	2.5	70-130	20	04/01/2010 0155
cis-1,2-Dichloroethene	50	56		1	112	1.8	70-130	20	04/01/2010 0155
1,1-Dichloroethene	50	57		1	113	2.0	70-130	20	04/01/2010 0155
1,2-Dichloropropane	50	55		1	110	1.9	70-130	20	04/01/2010 0155
trans-1,3-Dichloropropene	50	50		1	100	3.4	70-130	20	04/01/2010 0155
cis-1,3-Dichloropropene	50	52		1	103	1.3	70-130	20	04/01/2010 0155
Ethylbenzene	50	54		1	108	0.30	70-130	20	04/01/2010 0155
2-Hexanone	100	110		1	113	6.4	60-140	20	04/01/2010 0155
Isopropylbenzene	50	58		1	116	1.8	70-130	20	04/01/2010 0155
Methyl acetate	50	56		1	112	3.5	15-128	20	04/01/2010 0155
Methyl tertiary butyl ether (MTBE)	50	59		1	119	1.3	70-130	20	04/01/2010 0155
4-Methyl-2-pentanone	100	110		1	113	2.8	60-140	20	04/01/2010 0155
Methylcyclohexane	50	57		1	115	1.7	70-130	20	04/01/2010 0155
Methylene chloride	50	51		1	102	3.1	70-130	20	04/01/2010 0155
Styrene	50	47		1	95	1.8	70-130	20	04/01/2010 0155
1,1,2,2-Tetrachloroethane	50	57		1	113	0.28	70-130	20	04/01/2010 0155
Tetrachloroethene	50	51		1	102	1.2	70-130	20	04/01/2010 0155
Toluene	50	56		1	112	0.85	70-130	20	04/01/2010 0155
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	55		1	110	1.3	70-130	20	04/01/2010 0155
1,2,4-Trichlorobenzene	50	54		1	108	0.12	70-130	20	04/01/2010 0155
1,1,1-Trichloroethane	50	60		1	119	1.9	70-130	20	04/01/2010 0155
1,1,2-Trichloroethane	50	51		1	102	1.5	70-130	20	04/01/2010 0155

PQL = Practical quantitation limit
P = The RPD between two GC columns exceeds 40%
N - Recovery is out of criteria
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
+ - RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: LQ30698-003
Batch: 30698
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	53		1	106	0.80	70-130	20	04/01/2010 0155
Trichlorofluoromethane	50	57		1	114	1.3	60-140	20	04/01/2010 0155
Vinyl chloride	50	57		1	115	4.5	60-140	20	04/01/2010 0155
Xylenes (total)	100	110		1	106	1.1	70-130	20	04/01/2010 0155

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		101	70-130
1,2-Dichloroethane-d4		109	70-130
Toluene-d8		111	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MB

Sample ID: LQ30750-001
Batch: 30750
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/01/2010 2347

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
1,1'-Biphenyl	ND		1	1.0	0.20	ug/L	04/05/2010 1624
2,4,5-Trichlorophenol	ND		1	1.0	0.18	ug/L	04/05/2010 1624
2,4,6-Trichlorophenol	ND		1	1.0	0.22	ug/L	04/05/2010 1624
2,4-Dichlorophenol	ND		1	1.0	0.15	ug/L	04/05/2010 1624
2,4-Dimethylphenol	ND		1	1.0	0.31	ug/L	04/05/2010 1624
2,4-Dinitrophenol	ND		1	5.0	0.25	ug/L	04/05/2010 1624
2,4-Dinitrotoluene	ND		1	2.0	0.45	ug/L	04/05/2010 1624
2,6-Dinitrotoluene	ND		1	2.0	0.40	ug/L	04/05/2010 1624
2-Chloronaphthalene	ND		1	1.0	0.12	ug/L	04/05/2010 1624
2-Chlorophenol	ND		1	1.0	0.13	ug/L	04/05/2010 1624
2-Methylnaphthalene	ND		1	1.0	0.080	ug/L	04/05/2010 1624
2-Methylphenol	ND		1	1.0	0.17	ug/L	04/05/2010 1624
2-Nitroaniline	ND		1	2.0	0.55	ug/L	04/05/2010 1624
2-Nitrophenol	ND		1	2.0	0.27	ug/L	04/05/2010 1624
3 & 4-Methylphenol	ND		1	2.0	0.57	ug/L	04/05/2010 1624
3,3'-Dichlorobenzidine	ND		1	5.0	0.81	ug/L	04/05/2010 1624
3-Nitroaniline	ND		1	2.0	0.77	ug/L	04/05/2010 1624
4,6-Dinitro-2-methylphenol	ND		1	5.0	1.5	ug/L	04/05/2010 1624
4-Bromophenyl phenyl ether	ND		1	1.0	0.12	ug/L	04/05/2010 1624
4-Chloro-3-methyl phenol	ND		1	1.0	0.22	ug/L	04/05/2010 1624
4-Chloroaniline	ND		1	1.0	0.13	ug/L	04/05/2010 1624
4-Chlorophenyl phenyl ether	ND		1	1.0	0.11	ug/L	04/05/2010 1624
4-Nitroaniline	ND		1	2.0	0.39	ug/L	04/05/2010 1624
4-Nitrophenol	ND		1	5.0	0.64	ug/L	04/05/2010 1624
Acenaphthene	ND		1	1.0	0.090	ug/L	04/05/2010 1624
Acenaphthylene	ND		1	1.0	0.16	ug/L	04/05/2010 1624
Acetophenone	ND		1	1.0	0.32	ug/L	04/05/2010 1624
Anthracene	ND		1	1.0	0.13	ug/L	04/05/2010 1624
Atrazine	ND		1	1.0	0.20	ug/L	04/05/2010 1624
Benzaldehyde	ND		1	5.0	1.0	ug/L	04/05/2010 1624
Benzo(a)anthracene	ND		1	1.0	0.15	ug/L	04/05/2010 1624
Benzo(a)pyrene	ND		1	1.0	0.16	ug/L	04/05/2010 1624
Benzo(b)fluoranthene	ND		1	1.0	0.20	ug/L	04/05/2010 1624
Benzo(g,h,i)perylene	ND		1	1.0	0.23	ug/L	04/05/2010 1624
Benzo(k)fluoranthene	ND		1	1.0	0.12	ug/L	04/05/2010 1624
bis(2-Chloroethoxy)methane	ND		1	1.0	0.13	ug/L	04/05/2010 1624
bis(2-Chloroethyl)ether	ND		1	1.0	0.13	ug/L	04/05/2010 1624
bis(2-Chloroisopropyl)ether	ND		1	1.0	0.080	ug/L	04/05/2010 1624
bis(2-Ethylhexyl)phthalate	ND		1	5.0	1.7	ug/L	04/05/2010 1624
Butyl benzyl phthalate	ND		1	5.0	1.7	ug/L	04/05/2010 1624
Caprolactam	ND		1	5.0	1.2	ug/L	04/05/2010 1624
Carbazole	ND		1	1.0	0.25	ug/L	04/05/2010 1624
Chrysene	ND		1	1.0	0.12	ug/L	04/05/2010 1624
Di-n-butyl phthalate	ND		1	5.0	1.7	ug/L	04/05/2010 1624

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MB

Sample ID: LQ30750-001
Batch: 30750
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/01/2010 2347

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Di-n-octylphthalate	ND		1	5.0	1.7	ug/L	04/05/2010 1624
Dibenzo(a,h)anthracene	ND		1	1.0	0.13	ug/L	04/05/2010 1624
Dibenzofuran	ND		1	1.0	0.16	ug/L	04/05/2010 1624
Diethylphthalate	ND		1	5.0	1.7	ug/L	04/05/2010 1624
Dimethyl phthalate	ND		1	5.0	1.7	ug/L	04/05/2010 1624
Fluoranthene	ND		1	1.0	0.21	ug/L	04/05/2010 1624
Fluorene	ND		1	1.0	0.10	ug/L	04/05/2010 1624
Hexachlorobenzene	ND		1	1.0	0.21	ug/L	04/05/2010 1624
Hexachlorobutadiene	ND		1	1.0	0.090	ug/L	04/05/2010 1624
Hexachlorocyclopentadiene	ND		1	5.0	0.23	ug/L	04/05/2010 1624
Hexachloroethane	ND		1	1.0	0.11	ug/L	04/05/2010 1624
Indeno(1,2,3-c,d)pyrene	ND		1	1.0	0.23	ug/L	04/05/2010 1624
Isophorone	ND		1	1.0	0.080	ug/L	04/05/2010 1624
N-Nitrosodi-n-propylamine	ND		1	1.0	0.080	ug/L	04/05/2010 1624
N-Nitrosodiphenylamine (Diphenylamine)	ND		1	1.0	0.38	ug/L	04/05/2010 1624
Naphthalene	ND		1	1.0	0.070	ug/L	04/05/2010 1624
Nitrobenzene	ND		1	1.0	0.10	ug/L	04/05/2010 1624
Pentachlorophenol	ND		1	5.0	0.54	ug/L	04/05/2010 1624
Phenanthrene	ND		1	1.0	0.18	ug/L	04/05/2010 1624
Phenol	ND		1	1.0	0.11	ug/L	04/05/2010 1624
Pyrene	ND		1	1.0	0.16	ug/L	04/05/2010 1624

Surrogate	Q	% Rec	Acceptance Limit
2,4,6-Tribromophenol		63	41-144
2-Fluorobiphenyl		38	37-129
2-Fluorophenol		35	24-127
Nitrobenzene-d5		41	38-127
Phenol-d5		32	28-128
Terphenyl-d14		59	10-148

PQL = Practical quantitation limit
ND = Not detected at or above the MDL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N - Recovery is out of criteria
+ - RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - LCS

Sample ID: LQ30750-002
Batch: 30750
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/01/2010 2347

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
2,4,5-Trichlorophenol	20	17		1	83	46-125	04/05/2010 1645
2,4,6-Trichlorophenol	20	15		1	77	36-123	04/05/2010 1645
2,4-Dichlorophenol	20	16		1	78	38-127	04/05/2010 1645
2,4-Dimethylphenol	20	14		1	72	36-110	04/05/2010 1645
2,4-Dinitrophenol	100	79		1	79	33-143	04/05/2010 1645
2,4-Dinitrotoluene	40	33		1	83	55-137	04/05/2010 1645
2,6-Dinitrotoluene	40	30		1	75	53-128	04/05/2010 1645
2-Chloronaphthalene	20	13		1	66	42-132	04/05/2010 1645
2-Chlorophenol	20	12		1	62	40-128	04/05/2010 1645
2-Methylnaphthalene	20	13		1	67	49-122	04/05/2010 1645
2-Methylphenol	20	14		1	72	33-122	04/05/2010 1645
2-Nitroaniline	40	31		1	76	48-126	04/05/2010 1645
2-Nitrophenol	40	30		1	74	44-131	04/05/2010 1645
3 & 4-Methylphenol	40	26		1	66	48-112	04/05/2010 1645
3-Nitroaniline	40	18		1	46	29-109	04/05/2010 1645
4,6-Dinitro-2-methylphenol	100	81		1	81	46-151	04/05/2010 1645
4-Bromophenyl phenyl ether	20	19		1	96	49-123	04/05/2010 1645
4-Chloro-3-methyl phenol	20	16		1	78	48-136	04/05/2010 1645
4-Chloroaniline	20	3.9		1	20	18-73	04/05/2010 1645
4-Chlorophenyl phenyl ether	20	16		1	78	34-124	04/05/2010 1645
4-Nitroaniline	40	29		1	73	42-154	04/05/2010 1645
4-Nitrophenol	100	64		1	64	43-145	04/05/2010 1645
Acenaphthene	20	14		1	71	51-130	04/05/2010 1645
Acenaphthylene	20	18		1	90	46-131	04/05/2010 1645
Anthracene	20	17		1	85	48-122	04/05/2010 1645
Benzo(a)anthracene	20	16		1	82	50-143	04/05/2010 1645
Benzo(a)pyrene	20	16		1	79	55-141	04/05/2010 1645
Benzo(b)fluoranthene	20	15		1	75	48-147	04/05/2010 1645
Benzo(g,h,i)perylene	20	16		1	79	48-139	04/05/2010 1645
Benzo(k)fluoranthene	20	16		1	78	48-148	04/05/2010 1645
bis(2-Chloroethoxy)methane	20	13		1	64	46-130	04/05/2010 1645
bis(2-Chloroethyl)ether	20	11		1	53	42-127	04/05/2010 1645
bis(2-Chloroisopropyl)ether	20	8.9		1	44	36-133	04/05/2010 1645
bis(2-Ethylhexyl)phthalate	20	16		1	82	40-141	04/05/2010 1645
Butyl benzyl phthalate	20	17		1	85	52-142	04/05/2010 1645
Carbazole	20	22	N	1	111	45-101	04/05/2010 1645
Chrysene	20	19		1	94	51-137	04/05/2010 1645
Di-n-butyl phthalate	20	16		1	82	50-134	04/05/2010 1645
Di-n-octylphthalate	20	14		1	69	50-136	04/05/2010 1645
Dibenzo(a,h)anthracene	20	16		1	80	48-139	04/05/2010 1645
Dibenzofuran	20	15		1	76	45-142	04/05/2010 1645
Diethylphthalate	20	15		1	75	48-124	04/05/2010 1645
Dimethyl phthalate	20	16		1	78	43-122	04/05/2010 1645
Fluoranthene	20	17		1	83	50-124	04/05/2010 1645

PQL = Practical quantitation limit
P = The RPD between two GC columns exceeds 40%
N - Recovery is out of criteria
ND = Not detected at or above the MDL
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Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - LCS

Sample ID: LQ30750-002
Batch: 30750
Analytical Method: 8270D

Matrix: Aqueous
Prep Method: 3520C
Prep Date: 04/01/2010 2347

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Fluorene	20	15		1	77	39-122	04/05/2010 1645
Hexachlorobenzene	20	19		1	96	46-125	04/05/2010 1645
Hexachlorobutadiene	20	12		1	60	38-121	04/05/2010 1645
Hexachlorocyclopentadiene	100	36		1	36	24-110	04/05/2010 1645
Hexachloroethane	20	12		1	59	32-109	04/05/2010 1645
Indeno(1,2,3-c,d)pyrene	20	14		1	72	49-146	04/05/2010 1645
Isophorone	20	14		1	71	43-118	04/05/2010 1645
N-Nitrosodi-n-propylamine	20	12		1	62	46-135	04/05/2010 1645
N-Nitrosodiphenylamine (Diphenylamine)	20	17		1	86	44-124	04/05/2010 1645
Naphthalene	20	12		1	61	45-118	04/05/2010 1645
Nitrobenzene	20	12		1	59	46-131	04/05/2010 1645
Pentachlorophenol	100	74		1	74	30-137	04/05/2010 1645
Phenanthrene	20	17		1	86	49-122	04/05/2010 1645
Phenol	20	12		1	58	35-118	04/05/2010 1645
Pyrene	20	18		1	91	50-130	04/05/2010 1645

Surrogate	Q	% Rec	Acceptance Limit
2,4,6-Tribromophenol		106	41-144
2-Fluorobiphenyl		68	37-129
2-Fluorophenol		63	24-127
Nitrobenzene-d5		62	38-127
Phenol-d5		57	28-128
Terphenyl-d14		76	10-148

PQL = Practical quantitation limit
P = The RPD between two GC columns exceeds 40%
N - Recovery is out of criteria
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
+ - RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

SHEALY Chain of Custody Record

SHEALY ENVIRONMENTAL SERVICES, INC.
106 Vantage Point Drive
West Columbia, South Carolina 29172
Telephone No. (803) 791-9700 Fax No. (803) 791-9111

Number 101081

Client: ARCADIS	Report to Contact: Chase Forman	Telephone No. / Fax No. / E-mail: 919-854-1282 / cforman@arcadis-us.com	Quote No.
Address: 801 Corporate Center Dr	Sampler's Signature: X	Waybill No.	Page 1 of 1
City: Raleigh / State: NC / Zip Code: 27607	Printed Name: Jason Tillotson	Analysis (Attach list if more space is needed.)	
Project Name: HAAF - ~~HAA~~ HAA - 18			
Project No.: GP08HAFS.H18B.DGDFI	P.O. No.		Lot No.: LC31009

Sample ID / Description (Containers for each sample may be combined on one line.)	Date	Time	# Cont.	C-Comp G-Grab	Matrix: Aqueous	Solid	Non-Aqueous	No. of Containers by Preservative Type: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	VOCs	SVOCs	Remarks / Cooler I.D.
HGL-3B (033010)	3-30	1526	G	G	X			2			3			X	X	
~~MW~~ MW-2 (033010)	↓	1632	↓	↓	↓			↓			↓			↓	↓	
TB (033010)	↓		↓	↓							2			↓		

Possible Hazard Identification: X Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☐ Unknown

Sample Disposal: ☐ Return to Client X Disposal by Lab

Note: All samples are retained for six weeks from receipt unless other arrangements are made.

Turn Around Time Required (Prior lab approval required for expedited TAT.): X Standard ☐ Rush (Specify)

QC Requirements (Specify):

1. Relinquished by	Date: 3-30-10	Time: 1730	1. Received by	Date	Time
2. Relinquished by	Date	Time	2. Received by	Date	Time
3. Relinquished by: FED EX	Date: 3-31-10	Time: 0840	3. Laboratory received by	Date: 3-31-10	Time: 0840
Comments			LAB USE ONLY: Received on Ice (Circle) Yes / No Ice Pack	Receipt Temp. 1.5 °C	

DISTRIBUTION: WHITE & YELLOW-Return to laboratory with Sample(s); PINK-Field/Client Copy

Document Number: F-AD-012 Effective Date: 08-04-02

Shealy Environmental Services, Inc.
Document Number: F-AD-016
Revision Number: 6

Replaces Date: 09/22/06
Effective Date: 05/29/07

Sample Receipt Checklist (SRC)

Client: Arcadis Cooler Inspected by/date: EC 3/31/10 Lot #: LG31009

Means of receipt: ☐ SESI ☐ Client ☐ UPS ☑ FedEx ☐ Airborne Exp ☐ Other

Yes ☑	No ☐	NA ☐	1. Were custody seals present on the cooler?
Yes ☑	No ☐	NA ☐	2. If custody seals were present, were they intact and unbroken?

Cooler ID/temperature upon receipt: 1.5/ °C / °C / °C / °C / °C / °C / °C / °C

Method: ☐ Temperature Blank ☑ Against Bottles
Method of coolant: ☑ Wet Ice ☐ Blue Ice ☐ Dry Ice ☐ None

If response is No (or Yes for 14, 15, 16), an explanation/resolution must be provided.

Yes ☐	No ☐ EC 3/31/10	NA ☑	3. If temperature of any cooler exceeded 6.0°C, was Project Manager notified? PM notified by SRC, phone, note (circle one), other: _____. (For coolers received via commercial courier, PMs are to be notified immediately.
Yes ☐	No ☐	NA ☒	4. Is the commercial courier's packing slip attached to this form?
Yes ☑	No ☐	NA ☐	5. Were proper custody procedures (relinquished/received) followed?
Yes ☑	No ☐	NA ☐	6. Were sample IDs listed?
Yes ☑	No ☐	NA ☐	7. Was collection date & time listed?
Yes ☑	No ☐	NA ☐	8. Were tests to be performed listed on the COC or was quote # provided?
Yes ☑	No ☐	NA ☐	9. Did all samples arrive in the proper containers for each test?
Yes ☑	No ☐	NA ☐	10. Did all container label information (ID, date, time) agree with COC?
Yes ☑	No ☐	NA ☐	11. Did all containers arrive in good condition (unbroken, lids on, etc.)?
Yes ☑	No ☐	NA ☐	12. Was adequate sample volume available?
Yes ☑	No ☐	NA ☐	13. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
Yes ☐	No ☑	NA ☐	14. Were any samples containers missing?
Yes ☐	No ☑	NA ☐	15. Were there any excess samples not listed on COC?
Yes ☐	No ☑	NA ☐	16. Were bubbles present >"pea-size" (¼" or 6mm in diameter) in any VOA vials?
Yes ☐	No ☐	NA ☑	17. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
Yes ☐	No ☐	NA ☑	18. Were all cyanide and/or sulfide samples received at a pH >12?
Yes ☐	No ☐	NA ☑	19. Were all applicable NH3/TKN/cyanide/phenol/BNA/pest/PCB/herb (<0.2mg/L) and toxicity (<0.1mg/L) samples free of residual chlorine?
Yes ☐	No ☐	NA ☑	20. Were collection temperatures documented on the COC for NC samples?

Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)

Sample(s) _____ were received incorrectly preserved and were adjusted according/in sample receiving with _____ (H_2SO_4,HNO_3,HCl,NaOH) with the SR # (number)

Sample(s) _____ were received with bubbles >6 mm in diameter.

Sample(s) _____ were received with TRC >0.2 mg/L for NH3/TKN/cyanide/BNA/pest/PCB/herb.

Toxicity sample(s) _____ analyzed by method 330.5.

Date 3-30-10 FedEx Tracking Number 870985633114

Sampler's name Jason Tillotson Phone 919 854 1282

Company ARCADIS G & M OF NC INC

Address 801 CORPORATE CENTER DR

City RALEIGH State NC ZIP 27607-5073

Your Internal Billing Reference GP08HAFS-H18RDGOFT

Corrective Action taken, if necessary:

Was client notified: Yes ☐ No ☐

SESI employee: _____

Comments: _____