SHEALY ENVIRONMENTAL SERVICES, INC.

Report of Analysis

Enviro-Pro, P.C.
2646 Farmlake Lane
Fort Mill, SC 29708
Attention: Tom Bolyard

Project Name: **NMLF**

Project Number: **EP-1217(A)**

Lot Number: **PI04080**

Date Completed: **09/10/2014**

Nisreen Saikaly
Project Manager

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

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Case Narrative
Enviro-Pro, P.C.
Lot Number: PI04080

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.

All results listed in this report relate only to the samples that are contained within this report.

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.

Sample Summary
Enviro-Pro, P.C.
Lot Number: PI04080

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	TINSLEY WSW-INF	Aqueous	09/03/2014 1000	09/04/2014
002	TINSLEY WSW-EFF	Aqueous	09/03/2014 1015	09/04/2014
003	HAMMILL WSW-1-INF	Aqueous	09/03/2014 1030	09/04/2014
004	HAMMILL WSW-1-EFF	Aqueous	09/03/2014 1045	09/04/2014
005	HAMMILL WSW-2-INF	Aqueous	09/03/2014 1100	09/04/2014
006	HAMMILL WSW-2-EFF	Aqueous	09/03/2014 1115	09/04/2014
007	WRIGHT WSW	Aqueous	09/03/2014 1130	09/04/2014

(7 samples)

Executive Summary

Enviro-Pro, P.C.

Lot Number: PI04080

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page

(0 detections)

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Laboratory ID: **PI04080-001**
Description: **TINSLEY WSW-INF**
Matrix: **Aqueous**
Date Sampled: **09/03/2014 1000**
Date Received: **09/04/2014**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
2	5030B	8260B	1	09/08/2014 1213	ALL		55598

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		20	ug/L	2
Acrylonitrile	107-13-1	8260B	ND		20	ug/L	2
Benzene	71-43-2	8260B	ND		1.0	ug/L	2
Bromochloromethane	74-97-5	8260B	ND		1.0	ug/L	2
Bromodichloromethane	75-27-4	8260B	ND		1.0	ug/L	2
Bromoform	75-25-2	8260B	ND		1.0	ug/L	2
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	ug/L	2
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	2
Carbon disulfide	75-15-0	8260B	ND		1.0	ug/L	2
Carbon tetrachloride	56-23-5	8260B	ND		1.0	ug/L	2
Chlorobenzene	108-90-7	8260B	ND		1.0	ug/L	2
Chloroethane	75-00-3	8260B	ND		2.0	ug/L	2
Chloroform	67-66-3	8260B	ND		1.0	ug/L	2
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	ug/L	2
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	ug/L	2
Dibromochloromethane	124-48-1	8260B	ND		1.0	ug/L	2
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	ug/L	2
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	ug/L	2
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	ug/L	2
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	ug/L	2
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	ug/L	2
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	ug/L	2
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	ug/L	2
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	ug/L	2
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	ug/L	2
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	ug/L	2
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	ug/L	2
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	ug/L	2
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	ug/L	2
Ethylbenzene	100-41-4	8260B	ND		1.0	ug/L	2
2-Hexanone	591-78-6	8260B	ND		10	ug/L	2
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	2
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	2
Methylene chloride	75-09-2	8260B	ND		1.0	ug/L	2
Styrene	100-42-5	8260B	ND		1.0	ug/L	2
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	ug/L	2
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	ug/L	2
Tetrachloroethene	127-18-4	8260B	ND		1.0	ug/L	2
Tetrahydrofuran	109-99-9	8260B	ND		5.0	ug/L	2
Toluene	108-88-3	8260B	ND		1.0	ug/L	2
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	ug/L	2
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	ug/L	2
Trichloroethene	79-01-6	8260B	ND		1.0	ug/L	2
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	ug/L	2

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Laboratory ID: **PI04080-001**
Description: **TINSLEY WSW-INF**
Matrix: **Aqueous**
Date Sampled: **09/03/2014 1000**
Date Received: **09/04/2014**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
2	5030B	8260B	1	09/08/2014 1213	ALL		55598

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	ug/L	2
Vinyl acetate	108-05-4	8260B	ND		5.0	ug/L	2
Vinyl chloride	75-01-4	8260B	ND		1.0	ug/L	2
Xylenes (total)	1330-20-7	8260B	ND		1.0	ug/L	2

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

PQL = Practical quantitation limit
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Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Laboratory ID: **PI04080-002**
Description: **TINSLEY WSW-EFF**
Matrix: **Aqueous**
Date Sampled: **09/03/2014 1015**
Date Received: **09/04/2014**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
2	5030B	8260B	1	09/08/2014 1236	ALL		55598

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		20	ug/L	2
Acrylonitrile	107-13-1	8260B	ND		20	ug/L	2
Benzene	71-43-2	8260B	ND		1.0	ug/L	2
Bromochloromethane	74-97-5	8260B	ND		1.0	ug/L	2
Bromodichloromethane	75-27-4	8260B	ND		1.0	ug/L	2
Bromoform	75-25-2	8260B	ND		1.0	ug/L	2
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	ug/L	2
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	2
Carbon disulfide	75-15-0	8260B	ND		1.0	ug/L	2
Carbon tetrachloride	56-23-5	8260B	ND		1.0	ug/L	2
Chlorobenzene	108-90-7	8260B	ND		1.0	ug/L	2
Chloroethane	75-00-3	8260B	ND		2.0	ug/L	2
Chloroform	67-66-3	8260B	ND		1.0	ug/L	2
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	ug/L	2
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	ug/L	2
Dibromochloromethane	124-48-1	8260B	ND		1.0	ug/L	2
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	ug/L	2
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	ug/L	2
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	ug/L	2
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	ug/L	2
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	ug/L	2
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	ug/L	2
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	ug/L	2
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	ug/L	2
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	ug/L	2
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	ug/L	2
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	ug/L	2
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	ug/L	2
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	ug/L	2
Ethylbenzene	100-41-4	8260B	ND		1.0	ug/L	2
2-Hexanone	591-78-6	8260B	ND		10	ug/L	2
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	2
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	2
Methylene chloride	75-09-2	8260B	ND		1.0	ug/L	2
Styrene	100-42-5	8260B	ND		1.0	ug/L	2
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	ug/L	2
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	ug/L	2
Tetrachloroethene	127-18-4	8260B	ND		1.0	ug/L	2
Tetrahydrofuran	109-99-9	8260B	ND		5.0	ug/L	2
Toluene	108-88-3	8260B	ND		1.0	ug/L	2
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	ug/L	2
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	ug/L	2
Trichloroethene	79-01-6	8260B	ND		1.0	ug/L	2
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	ug/L	2

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Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Laboratory ID: **PI04080-002**
Description: **TINSLEY WSW-EFF**
Matrix: **Aqueous**
Date Sampled: **09/03/2014 1015**
Date Received: **09/04/2014**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
2	5030B	8260B	1	09/08/2014 1236	ALL		55598

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	ug/L	2
Vinyl acetate	108-05-4	8260B	ND		5.0	ug/L	2
Vinyl chloride	75-01-4	8260B	ND		1.0	ug/L	2
Xylenes (total)	1330-20-7	8260B	ND		1.0	ug/L	2

Surrogate	Q	Run 2 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		95	70-130
Bromofluorobenzene		100	70-130
Toluene-d8		101	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
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J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
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Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Laboratory ID: **PI04080-003**
Description: **HAMMILL WSW-1-INF**
Matrix: **Aqueous**
Date Sampled: **09/03/2014 1030**
Date Received: **09/04/2014**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
2	5030B	8260B	1	09/08/2014 1258	ALL		55598

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		20	ug/L	2
Acrylonitrile	107-13-1	8260B	ND		20	ug/L	2
Benzene	71-43-2	8260B	ND		1.0	ug/L	2
Bromochloromethane	74-97-5	8260B	ND		1.0	ug/L	2
Bromodichloromethane	75-27-4	8260B	ND		1.0	ug/L	2
Bromoform	75-25-2	8260B	ND		1.0	ug/L	2
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	ug/L	2
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	2
Carbon disulfide	75-15-0	8260B	ND		1.0	ug/L	2
Carbon tetrachloride	56-23-5	8260B	ND		1.0	ug/L	2
Chlorobenzene	108-90-7	8260B	ND		1.0	ug/L	2
Chloroethane	75-00-3	8260B	ND		2.0	ug/L	2
Chloroform	67-66-3	8260B	ND		1.0	ug/L	2
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	ug/L	2
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	ug/L	2
Dibromochloromethane	124-48-1	8260B	ND		1.0	ug/L	2
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	ug/L	2
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	ug/L	2
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	ug/L	2
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	ug/L	2
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	ug/L	2
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	ug/L	2
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	ug/L	2
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	ug/L	2
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	ug/L	2
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	ug/L	2
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	ug/L	2
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	ug/L	2
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	ug/L	2
Ethylbenzene	100-41-4	8260B	ND		1.0	ug/L	2
2-Hexanone	591-78-6	8260B	ND		10	ug/L	2
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	2
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	2
Methylene chloride	75-09-2	8260B	ND		1.0	ug/L	2
Styrene	100-42-5	8260B	ND		1.0	ug/L	2
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	ug/L	2
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	ug/L	2
Tetrachloroethene	127-18-4	8260B	ND		1.0	ug/L	2
Tetrahydrofuran	109-99-9	8260B	ND		5.0	ug/L	2
Toluene	108-88-3	8260B	ND		1.0	ug/L	2
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	ug/L	2
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	ug/L	2
Trichloroethene	79-01-6	8260B	ND		1.0	ug/L	2
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	ug/L	2

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Laboratory ID: **PI04080-003**
Description: **HAMMILL WSW-1-INF**
Matrix: **Aqueous**
Date Sampled: **09/03/2014 1030**
Date Received: **09/04/2014**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
2	5030B	8260B	1	09/08/2014 1258	ALL		55598

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	ug/L	2
Vinyl acetate	108-05-4	8260B	ND		5.0	ug/L	2
Vinyl chloride	75-01-4	8260B	ND		1.0	ug/L	2
Xylenes (total)	1330-20-7	8260B	ND		1.0	ug/L	2

Surrogate	Q	Run 2 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		106	70-130
Bromofluorobenzene		109	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
H = Out of holding time
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Laboratory ID: **PI04080-004**
Description: **HAMMILL WSW-1-EFF**
Matrix: **Aqueous**
Date Sampled: **09/03/2014 1045**
Date Received: **09/04/2014**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
2	5030B	8260B	1	09/08/2014 1320	ALL		55598

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		20	ug/L	2
Acrylonitrile	107-13-1	8260B	ND		20	ug/L	2
Benzene	71-43-2	8260B	ND		1.0	ug/L	2
Bromochloromethane	74-97-5	8260B	ND		1.0	ug/L	2
Bromodichloromethane	75-27-4	8260B	ND		1.0	ug/L	2
Bromoform	75-25-2	8260B	ND		1.0	ug/L	2
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	ug/L	2
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	2
Carbon disulfide	75-15-0	8260B	ND		1.0	ug/L	2
Carbon tetrachloride	56-23-5	8260B	ND		1.0	ug/L	2
Chlorobenzene	108-90-7	8260B	ND		1.0	ug/L	2
Chloroethane	75-00-3	8260B	ND		2.0	ug/L	2
Chloroform	67-66-3	8260B	ND		1.0	ug/L	2
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	ug/L	2
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	ug/L	2
Dibromochloromethane	124-48-1	8260B	ND		1.0	ug/L	2
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	ug/L	2
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	ug/L	2
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	ug/L	2
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	ug/L	2
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	ug/L	2
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	ug/L	2
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	ug/L	2
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	ug/L	2
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	ug/L	2
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	ug/L	2
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	ug/L	2
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	ug/L	2
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	ug/L	2
Ethylbenzene	100-41-4	8260B	ND		1.0	ug/L	2
2-Hexanone	591-78-6	8260B	ND		10	ug/L	2
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	2
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	2
Methylene chloride	75-09-2	8260B	ND		1.0	ug/L	2
Styrene	100-42-5	8260B	ND		1.0	ug/L	2
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	ug/L	2
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	ug/L	2
Tetrachloroethene	127-18-4	8260B	ND		1.0	ug/L	2
Tetrahydrofuran	109-99-9	8260B	ND		5.0	ug/L	2
Toluene	108-88-3	8260B	ND		1.0	ug/L	2
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	ug/L	2
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	ug/L	2
Trichloroethene	79-01-6	8260B	ND		1.0	ug/L	2
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	ug/L	2

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Laboratory ID: **PI04080-004**
Description: **HAMMILL WSW-1-EFF**
Matrix: **Aqueous**
Date Sampled: **09/03/2014 1045**
Date Received: **09/04/2014**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
2	5030B	8260B	1	09/08/2014 1320	ALL		55598

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	ug/L	2
Vinyl acetate	108-05-4	8260B	ND		5.0	ug/L	2
Vinyl chloride	75-01-4	8260B	ND		1.0	ug/L	2
Xylenes (total)	1330-20-7	8260B	ND		1.0	ug/L	2

Surrogate	Q	Run 2 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		101	70-130
Bromofluorobenzene		104	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
H = Out of holding time
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Laboratory ID: **PI04080-005**
Description: **HAMMILL WSW-2-INF**
Matrix: **Aqueous**
Date Sampled: **09/03/2014 1100**
Date Received: **09/04/2014**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
2	5030B	8260B	1	09/08/2014 1342	ALL		55598

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		20	ug/L	2
Acrylonitrile	107-13-1	8260B	ND		20	ug/L	2
Benzene	71-43-2	8260B	ND		1.0	ug/L	2
Bromochloromethane	74-97-5	8260B	ND		1.0	ug/L	2
Bromodichloromethane	75-27-4	8260B	ND		1.0	ug/L	2
Bromoform	75-25-2	8260B	ND		1.0	ug/L	2
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	ug/L	2
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	2
Carbon disulfide	75-15-0	8260B	ND		1.0	ug/L	2
Carbon tetrachloride	56-23-5	8260B	ND		1.0	ug/L	2
Chlorobenzene	108-90-7	8260B	ND		1.0	ug/L	2
Chloroethane	75-00-3	8260B	ND		2.0	ug/L	2
Chloroform	67-66-3	8260B	ND		1.0	ug/L	2
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	ug/L	2
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	ug/L	2
Dibromochloromethane	124-48-1	8260B	ND		1.0	ug/L	2
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	ug/L	2
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	ug/L	2
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	ug/L	2
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	ug/L	2
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	ug/L	2
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	ug/L	2
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	ug/L	2
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	ug/L	2
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	ug/L	2
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	ug/L	2
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	ug/L	2
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	ug/L	2
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	ug/L	2
Ethylbenzene	100-41-4	8260B	ND		1.0	ug/L	2
2-Hexanone	591-78-6	8260B	ND		10	ug/L	2
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	2
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	2
Methylene chloride	75-09-2	8260B	ND		1.0	ug/L	2
Styrene	100-42-5	8260B	ND		1.0	ug/L	2
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	ug/L	2
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	ug/L	2
Tetrachloroethene	127-18-4	8260B	ND		1.0	ug/L	2
Tetrahydrofuran	109-99-9	8260B	ND		5.0	ug/L	2
Toluene	108-88-3	8260B	ND		1.0	ug/L	2
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	ug/L	2
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	ug/L	2
Trichloroethene	79-01-6	8260B	ND		1.0	ug/L	2
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	ug/L	2

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Laboratory ID: **PI04080-005**
Description: **HAMMILL WSW-2-INF**
Matrix: **Aqueous**
Date Sampled: **09/03/2014 1100**
Date Received: **09/04/2014**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
2	5030B	8260B	1	09/08/2014 1342	ALL		55598

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	ug/L	2
Vinyl acetate	108-05-4	8260B	ND		5.0	ug/L	2
Vinyl chloride	75-01-4	8260B	ND		1.0	ug/L	2
Xylenes (total)	1330-20-7	8260B	ND		1.0	ug/L	2

Surrogate	Q	Run 2 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		90	70-130
Bromofluorobenzene		93	70-130
Toluene-d8		95	70-130

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Laboratory ID: **PI04080-006**
Description: **HAMMILL WSW-2-EFF**
Matrix: **Aqueous**
Date Sampled: **09/03/2014 1115**
Date Received: **09/04/2014**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/05/2014 2348	PMM2		55544

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		20	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	ug/L	1
Tetrahydrofuran	109-99-9	8260B	ND		5.0	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	ug/L	1

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Laboratory ID: **PI04080-006**
Description: **HAMMILL WSW-2-EFF**
Matrix: **Aqueous**
Date Sampled: **09/03/2014 1115**
Date Received: **09/04/2014**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/05/2014 2348	PMM2		55544

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		94	70-130
Bromofluorobenzene		90	70-130
Toluene-d8		96	70-130

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Laboratory ID: **PI04080-007**
Description: **WRIGHT WSW**
Matrix: **Aqueous**
Date Sampled: **09/03/2014 1130**
Date Received: **09/04/2014**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/06/2014 0011	PMM2		55544

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		20	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	ug/L	1
Tetrahydrofuran	109-99-9	8260B	ND		5.0	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	ug/L	1

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

Volatile Organic Compounds by GC/MS

Client: **Enviro-Pro, P.C.**
Laboratory ID: **PI04080-007**
Description: **WRIGHT WSW**
Matrix: **Aqueous**
Date Sampled: **09/03/2014 1130**
Date Received: **09/04/2014**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/06/2014 0011	PMM2		55544

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	ug/L	1
Vinyl acetate	108-05-4	8260B	ND		5.0	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		93	70-130
Bromofluorobenzene		90	70-130
Toluene-d8		96	70-130

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

QC Summary

Volatile Organic Compounds by GC/MS - MB

Sample ID: PQ55544-001
Batch: 55544
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Acetone	ND		1	20	ug/L	09/05/2014 2325
Acrylonitrile	ND		1	20	ug/L	09/05/2014 2325
Benzene	ND		1	1.0	ug/L	09/05/2014 2325
Bromochloromethane	ND		1	1.0	ug/L	09/05/2014 2325
Bromodichloromethane	ND		1	1.0	ug/L	09/05/2014 2325
Bromoform	ND		1	1.0	ug/L	09/05/2014 2325
Bromomethane (Methyl bromide)	ND		1	2.0	ug/L	09/05/2014 2325
2-Butanone (MEK)	ND		1	10	ug/L	09/05/2014 2325
Carbon disulfide	ND		1	1.0	ug/L	09/05/2014 2325
Carbon tetrachloride	ND		1	1.0	ug/L	09/05/2014 2325
Chlorobenzene	ND		1	1.0	ug/L	09/05/2014 2325
Chloroethane	ND		1	2.0	ug/L	09/05/2014 2325
Chloroform	ND		1	1.0	ug/L	09/05/2014 2325
Chloromethane (Methyl chloride)	ND		1	1.0	ug/L	09/05/2014 2325
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	1.0	ug/L	09/05/2014 2325
Dibromochloromethane	ND		1	1.0	ug/L	09/05/2014 2325
1,2-Dibromoethane (EDB)	ND		1	1.0	ug/L	09/05/2014 2325
Dibromomethane (Methylene bromide)	ND		1	1.0	ug/L	09/05/2014 2325
trans-1,4-Dichloro-2-butene	ND		1	2.0	ug/L	09/05/2014 2325
1,2-Dichlorobenzene	ND		1	1.0	ug/L	09/05/2014 2325
1,4-Dichlorobenzene	ND		1	1.0	ug/L	09/05/2014 2325
1,2-Dichloroethane	ND		1	1.0	ug/L	09/05/2014 2325
1,1-Dichloroethane	ND		1	1.0	ug/L	09/05/2014 2325
1,1-Dichloroethene	ND		1	1.0	ug/L	09/05/2014 2325
trans-1,2-Dichloroethene	ND		1	1.0	ug/L	09/05/2014 2325
cis-1,2-Dichloroethene	ND		1	1.0	ug/L	09/05/2014 2325
1,2-Dichloropropane	ND		1	1.0	ug/L	09/05/2014 2325
cis-1,3-Dichloropropene	ND		1	1.0	ug/L	09/05/2014 2325
trans-1,3-Dichloropropene	ND		1	1.0	ug/L	09/05/2014 2325
Ethylbenzene	ND		1	1.0	ug/L	09/05/2014 2325
2-Hexanone	ND		1	10	ug/L	09/05/2014 2325
Methyl iodide (Iodomethane)	ND		1	5.0	ug/L	09/05/2014 2325
4-Methyl-2-pentanone	ND		1	10	ug/L	09/05/2014 2325
Methylene chloride	ND		1	1.0	ug/L	09/05/2014 2325
Styrene	ND		1	1.0	ug/L	09/05/2014 2325
1,1,2,2-Tetrachloroethane	ND		1	1.0	ug/L	09/05/2014 2325
1,1,1,2-Tetrachloroethane	ND		1	1.0	ug/L	09/05/2014 2325
Tetrachloroethene	ND		1	1.0	ug/L	09/05/2014 2325
Tetrahydrofuran	ND		1	5.0	ug/L	09/05/2014 2325
Toluene	ND		1	1.0	ug/L	09/05/2014 2325
1,1,1-Trichloroethane	ND		1	1.0	ug/L	09/05/2014 2325
1,1,2-Trichloroethane	ND		1	1.0	ug/L	09/05/2014 2325
Trichloroethene	ND		1	1.0	ug/L	09/05/2014 2325
Trichlorofluoromethane	ND		1	1.0	ug/L	09/05/2014 2325

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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: PQ55544-001
Batch: 55544
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
1,2,3-Trichloropropane	ND		1	1.0	ug/L	09/05/2014 2325
Vinyl acetate	ND		1	5.0	ug/L	09/05/2014 2325
Vinyl chloride	ND		1	1.0	ug/L	09/05/2014 2325
Xylenes (total)	ND		1	1.0	ug/L	09/05/2014 2325

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		92	70-130
1,2-Dichloroethane-d4		95	70-130
Toluene-d8		97	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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: PQ55544-002
Batch: 55544
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	74		1	74	60-140	09/05/2014 2152
Acrylonitrile	100	88		1	88	70-130	09/05/2014 2152
Benzene	50	49		1	99	70-130	09/05/2014 2152
Bromochloromethane	50	50		1	99	70-130	09/05/2014 2152
Bromodichloromethane	50	51		1	101	70-130	09/05/2014 2152
Bromoform	50	53		1	107	70-130	09/05/2014 2152
Bromomethane (Methyl bromide)	50	52		1	104	60-140	09/05/2014 2152
2-Butanone (MEK)	100	96		1	96	60-140	09/05/2014 2152
Carbon disulfide	50	51		1	103	60-140	09/05/2014 2152
Carbon tetrachloride	50	52		1	103	70-130	09/05/2014 2152
Chlorobenzene	50	50		1	100	70-130	09/05/2014 2152
Chloroethane	50	51		1	102	42-163	09/05/2014 2152
Chloroform	50	50		1	99	70-130	09/05/2014 2152
Chloromethane (Methyl chloride)	50	50		1	100	60-140	09/05/2014 2152
1,2-Dibromo-3-chloropropane (DBCP)	50	47		1	95	70-130	09/05/2014 2152
Dibromochloromethane	50	52		1	104	70-130	09/05/2014 2152
1,2-Dibromoethane (EDB)	50	50		1	100	70-130	09/05/2014 2152
Dibromomethane (Methylene bromide)	50	50		1	100	70-130	09/05/2014 2152
trans-1,4-Dichloro-2-butene	50	39		1	78	34-142	09/05/2014 2152
1,2-Dichlorobenzene	50	49		1	97	70-130	09/05/2014 2152
1,4-Dichlorobenzene	50	49		1	99	70-130	09/05/2014 2152
1,2-Dichloroethane	50	49		1	97	70-130	09/05/2014 2152
1,1-Dichloroethane	50	50		1	99	70-130	09/05/2014 2152
1,1-Dichloroethene	50	51		1	102	70-130	09/05/2014 2152
trans-1,2-Dichloroethene	50	49		1	99	70-130	09/05/2014 2152
cis-1,2-Dichloroethene	50	50		1	99	70-130	09/05/2014 2152
1,2-Dichloropropane	50	48		1	97	70-130	09/05/2014 2152
cis-1,3-Dichloropropene	50	52		1	104	70-130	09/05/2014 2152
trans-1,3-Dichloropropene	50	52		1	105	70-130	09/05/2014 2152
Ethylbenzene	50	50		1	100	70-130	09/05/2014 2152
2-Hexanone	100	100		1	100	60-140	09/05/2014 2152
Methyl iodide (Iodomethane)	50	49		1	98	70-130	09/05/2014 2152
4-Methyl-2-pentanone	100	97		1	97	60-140	09/05/2014 2152
Methylene chloride	50	49		1	98	70-130	09/05/2014 2152
Styrene	50	52		1	105	70-130	09/05/2014 2152
1,1,2,2-Tetrachloroethane	50	49		1	99	60-140	09/05/2014 2152
1,1,1,2-Tetrachloroethane	50	51		1	102	70-130	09/05/2014 2152
Tetrachloroethene	50	52		1	103	70-130	09/05/2014 2152
Tetrahydrofuran	50	45		1	90	70-130	09/05/2014 2152
Toluene	50	50		1	100	70-130	09/05/2014 2152
1,1,1-Trichloroethane	50	49		1	98	70-130	09/05/2014 2152
1,1,2-Trichloroethane	50	50		1	100	70-130	09/05/2014 2152
Trichloroethene	50	51		1	102	70-130	09/05/2014 2152
Trichlorofluoromethane	50	53		1	107	70-130	09/05/2014 2152

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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: PQ55544-002
Batch: 55544
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
1,2,3-Trichloropropane	50	48		1	96	70-130	09/05/2014 2152
Vinyl acetate	50	120	N	1	235	60-140	09/05/2014 2152
Vinyl chloride	50	50		1	101	70-130	09/05/2014 2152
Xylenes (total)	100	100		1	101	70-130	09/05/2014 2152

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		91	70-130
1,2-Dichloroethane-d4		90	70-130
Toluene-d8		96	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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: PQ55544-003
Batch: 55544
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	76		1	76	2.2	60-140	20	09/05/2014 2215
Acrylonitrile	100	88		1	88	0.39	70-130	20	09/05/2014 2215
Benzene	50	49		1	99	0.21	70-130	20	09/05/2014 2215
Bromochloromethane	50	49		1	98	1.6	70-130	20	09/05/2014 2215
Bromodichloromethane	50	50		1	101	0.53	70-130	20	09/05/2014 2215
Bromoform	50	54		1	107	0.78	70-130	20	09/05/2014 2215
Bromomethane (Methyl bromide)	50	53		1	107	2.8	60-140	20	09/05/2014 2215
2-Butanone (MEK)	100	96		1	96	0.39	60-140	20	09/05/2014 2215
Carbon disulfide	50	51		1	101	1.3	60-140	20	09/05/2014 2215
Carbon tetrachloride	50	51		1	102	1.4	70-130	20	09/05/2014 2215
Chlorobenzene	50	50		1	99	0.83	70-130	20	09/05/2014 2215
Chloroethane	50	51		1	103	0.56	42-163	20	09/05/2014 2215
Chloroform	50	49		1	97	2.1	70-130	20	09/05/2014 2215
Chloromethane (Methyl chloride)	50	49		1	98	1.9	60-140	20	09/05/2014 2215
1,2-Dibromo-3-chloropropane (DBCP)	50	48		1	97	1.7	70-130	20	09/05/2014 2215
Dibromochloromethane	50	52		1	104	0.27	70-130	20	09/05/2014 2215
1,2-Dibromoethane (EDB)	50	50		1	100	0.43	70-130	20	09/05/2014 2215
Dibromomethane (Methylene bromide)	50	50		1	100	0.15	70-130	20	09/05/2014 2215
trans-1,4-Dichloro-2-butene	50	38		1	76	2.8	34-142	20	09/05/2014 2215
1,2-Dichlorobenzene	50	50		1	99	2.2	70-130	20	09/05/2014 2215
1,4-Dichlorobenzene	50	50		1	100	1.3	70-130	20	09/05/2014 2215
1,2-Dichloroethane	50	48		1	95	1.8	70-130	20	09/05/2014 2215
1,1-Dichloroethane	50	49		1	98	1.7	70-130	20	09/05/2014 2215
1,1-Dichloroethene	50	51		1	102	0.56	70-130	20	09/05/2014 2215
trans-1,2-Dichloroethene	50	49		1	97	1.3	70-130	20	09/05/2014 2215
cis-1,2-Dichloroethene	50	49		1	99	0.99	70-130	20	09/05/2014 2215
1,2-Dichloropropane	50	49		1	97	0.48	70-130	20	09/05/2014 2215
cis-1,3-Dichloropropene	50	52		1	104	0.43	70-130	20	09/05/2014 2215
trans-1,3-Dichloropropene	50	52		1	105	0.0038	70-130	20	09/05/2014 2215
Ethylbenzene	50	51		1	102	1.7	70-130	20	09/05/2014 2215
2-Hexanone	100	110		1	106	5.4	60-140	20	09/05/2014 2215
Methyl iodide (Iodomethane)	50	47		1	94	4.5	70-130	20	09/05/2014 2215
4-Methyl-2-pentanone	100	100		1	100	3.5	60-140	20	09/05/2014 2215
Methylene chloride	50	49		1	97	1.2	70-130	20	09/05/2014 2215
Styrene	50	53		1	105	0.48	70-130	20	09/05/2014 2215
1,1,2,2-Tetrachloroethane	50	51		1	101	2.5	60-140	20	09/05/2014 2215
1,1,1,2-Tetrachloroethane	50	51		1	102	0.057	70-130	20	09/05/2014 2215
Tetrachloroethene	50	52		1	104	0.67	70-130	20	09/05/2014 2215
Tetrahydrofuran	50	46		1	92	2.8	70-130	20	09/05/2014 2215
Toluene	50	50		1	100	0.41	70-130	20	09/05/2014 2215
1,1,1-Trichloroethane	50	48		1	95	2.9	70-130	20	09/05/2014 2215
1,1,2-Trichloroethane	50	49		1	99	0.82	70-130	20	09/05/2014 2215
Trichloroethene	50	51		1	101	0.71	70-130	20	09/05/2014 2215
Trichlorofluoromethane	50	52		1	103	3.0	70-130	20	09/05/2014 2215

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 PQL
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: PQ55544-003
Batch: 55544
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
1,2,3-Trichloropropane	50	49		1	99	2.6	70-130	20	09/05/2014 2215
Vinyl acetate	50	120	N	1	234	0.48	60-140	20	09/05/2014 2215
Vinyl chloride	50	49		1	98	2.8	70-130	20	09/05/2014 2215
Xylenes (total)	100	100		1	102	0.69	70-130	20	09/05/2014 2215

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		90	70-130
1,2-Dichloroethane-d4		90	70-130
Toluene-d8		96	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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: PQ55598-001
Batch: 55598
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Acetone	ND		1	20	ug/L	09/08/2014 1106
Acrylonitrile	ND		1	20	ug/L	09/08/2014 1106
Benzene	ND		1	1.0	ug/L	09/08/2014 1106
Bromochloromethane	ND		1	1.0	ug/L	09/08/2014 1106
Bromodichloromethane	ND		1	1.0	ug/L	09/08/2014 1106
Bromoform	ND		1	1.0	ug/L	09/08/2014 1106
Bromomethane (Methyl bromide)	ND		1	2.0	ug/L	09/08/2014 1106
2-Butanone (MEK)	ND		1	10	ug/L	09/08/2014 1106
Carbon disulfide	ND		1	1.0	ug/L	09/08/2014 1106
Carbon tetrachloride	ND		1	1.0	ug/L	09/08/2014 1106
Chlorobenzene	ND		1	1.0	ug/L	09/08/2014 1106
Chloroethane	ND		1	2.0	ug/L	09/08/2014 1106
Chloroform	ND		1	1.0	ug/L	09/08/2014 1106
Chloromethane (Methyl chloride)	ND		1	1.0	ug/L	09/08/2014 1106
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	1.0	ug/L	09/08/2014 1106
Dibromochloromethane	ND		1	1.0	ug/L	09/08/2014 1106
1,2-Dibromoethane (EDB)	ND		1	1.0	ug/L	09/08/2014 1106
Dibromomethane (Methylene bromide)	ND		1	1.0	ug/L	09/08/2014 1106
trans-1,4-Dichloro-2-butene	ND		1	2.0	ug/L	09/08/2014 1106
1,2-Dichlorobenzene	ND		1	1.0	ug/L	09/08/2014 1106
1,4-Dichlorobenzene	ND		1	1.0	ug/L	09/08/2014 1106
1,1-Dichloroethane	ND		1	1.0	ug/L	09/08/2014 1106
1,2-Dichloroethane	ND		1	1.0	ug/L	09/08/2014 1106
1,1-Dichloroethene	ND		1	1.0	ug/L	09/08/2014 1106
trans-1,2-Dichloroethene	ND		1	1.0	ug/L	09/08/2014 1106
cis-1,2-Dichloroethene	ND		1	1.0	ug/L	09/08/2014 1106
1,2-Dichloropropane	ND		1	1.0	ug/L	09/08/2014 1106
cis-1,3-Dichloropropene	ND		1	1.0	ug/L	09/08/2014 1106
trans-1,3-Dichloropropene	ND		1	1.0	ug/L	09/08/2014 1106
Ethylbenzene	ND		1	1.0	ug/L	09/08/2014 1106
2-Hexanone	ND		1	10	ug/L	09/08/2014 1106
Methyl iodide (Iodomethane)	ND		1	5.0	ug/L	09/08/2014 1106
4-Methyl-2-pentanone	ND		1	10	ug/L	09/08/2014 1106
Methylene chloride	ND		1	1.0	ug/L	09/08/2014 1106
Styrene	ND		1	1.0	ug/L	09/08/2014 1106
1,1,1,2-Tetrachloroethane	ND		1	1.0	ug/L	09/08/2014 1106
1,1,2,2-Tetrachloroethane	ND		1	1.0	ug/L	09/08/2014 1106
Tetrachloroethene	ND		1	1.0	ug/L	09/08/2014 1106
Tetrahydrofuran	ND		1	5.0	ug/L	09/08/2014 1106
Toluene	ND		1	1.0	ug/L	09/08/2014 1106
1,1,2-Trichloroethane	ND		1	1.0	ug/L	09/08/2014 1106
1,1,1-Trichloroethane	ND		1	1.0	ug/L	09/08/2014 1106
Trichloroethene	ND		1	1.0	ug/L	09/08/2014 1106
Trichlorofluoromethane	ND		1	1.0	ug/L	09/08/2014 1106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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: PQ55598-001
Batch: 55598
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
1,2,3-Trichloropropane	ND		1	1.0	ug/L	09/08/2014 1106
Vinyl acetate	ND		1	5.0	ug/L	09/08/2014 1106
Vinyl chloride	ND		1	1.0	ug/L	09/08/2014 1106
Xylenes (total)	ND		1	1.0	ug/L	09/08/2014 1106

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		103	70-130
1,2-Dichloroethane-d4		97	70-130
Toluene-d8		102	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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: PQ55598-002
Batch: 55598
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	84		1	84	60-140	09/08/2014 0938
Acrylonitrile	100	100		1	100	70-130	09/08/2014 0938
Benzene	50	49		1	98	70-130	09/08/2014 0938
Bromochloromethane	50	49		1	98	70-130	09/08/2014 0938
Bromodichloromethane	50	52		1	103	70-130	09/08/2014 0938
Bromoform	50	48		1	95	70-130	09/08/2014 0938
Bromomethane (Methyl bromide)	50	48		1	96	60-140	09/08/2014 0938
2-Butanone (MEK)	100	98		1	98	60-140	09/08/2014 0938
Carbon disulfide	50	51		1	102	60-140	09/08/2014 0938
Carbon tetrachloride	50	49		1	99	70-130	09/08/2014 0938
Chlorobenzene	50	49		1	97	70-130	09/08/2014 0938
Chloroethane	50	49		1	98	42-163	09/08/2014 0938
Chloroform	50	50		1	99	70-130	09/08/2014 0938
Chloromethane (Methyl chloride)	50	51		1	101	60-140	09/08/2014 0938
1,2-Dibromo-3-chloropropane (DBCP)	50	50		1	100	70-130	09/08/2014 0938
Dibromochloromethane	50	48		1	95	70-130	09/08/2014 0938
1,2-Dibromoethane (EDB)	50	50		1	101	70-130	09/08/2014 0938
Dibromomethane (Methylene bromide)	50	49		1	97	70-130	09/08/2014 0938
trans-1,4-Dichloro-2-butene	50	54		1	108	34-142	09/08/2014 0938
1,2-Dichlorobenzene	50	49		1	98	70-130	09/08/2014 0938
1,4-Dichlorobenzene	50	49		1	98	70-130	09/08/2014 0938
1,1-Dichloroethane	50	50		1	100	70-130	09/08/2014 0938
1,2-Dichloroethane	50	48		1	97	70-130	09/08/2014 0938
1,1-Dichloroethene	50	49		1	98	70-130	09/08/2014 0938
trans-1,2-Dichloroethene	50	49		1	99	70-130	09/08/2014 0938
cis-1,2-Dichloroethene	50	50		1	100	70-130	09/08/2014 0938
1,2-Dichloropropane	50	51		1	101	70-130	09/08/2014 0938
cis-1,3-Dichloropropene	50	52		1	105	70-130	09/08/2014 0938
trans-1,3-Dichloropropene	50	52		1	105	70-130	09/08/2014 0938
Ethylbenzene	50	50		1	100	70-130	09/08/2014 0938
2-Hexanone	100	100		1	105	60-140	09/08/2014 0938
Methyl iodide (Iodomethane)	50	50		1	100	70-130	09/08/2014 0938
4-Methyl-2-pentanone	100	100		1	103	60-140	09/08/2014 0938
Methylene chloride	50	47		1	95	70-130	09/08/2014 0938
Styrene	50	53		1	106	70-130	09/08/2014 0938
1,1,1,2-Tetrachloroethane	50	50		1	100	70-130	09/08/2014 0938
1,1,2,2-Tetrachloroethane	50	52		1	103	60-140	09/08/2014 0938
Tetrachloroethene	50	48		1	96	70-130	09/08/2014 0938
Tetrahydrofuran	50	45		1	89	70-130	09/08/2014 0938
Toluene	50	50		1	100	70-130	09/08/2014 0938
1,1,2-Trichloroethane	50	50		1	99	70-130	09/08/2014 0938
1,1,1-Trichloroethane	50	51		1	101	70-130	09/08/2014 0938
Trichloroethene	50	47		1	95	70-130	09/08/2014 0938
Trichlorofluoromethane	50	44		1	88	70-130	09/08/2014 0938

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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: PQ55598-002
Batch: 55598
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
1,2,3-Trichloropropane	50	51		1	101	70-130	09/08/2014 0938
Vinyl acetate	50	130	N	1	265	60-140	09/08/2014 0938
Vinyl chloride	50	46		1	92	70-130	09/08/2014 0938
Xylenes (total)	100	100		1	100	70-130	09/08/2014 0938

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		111	70-130
1,2-Dichloroethane-d4		97	70-130
Toluene-d8		108	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
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: PQ55598-003
Batch: 55598
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	87		1	87	2.8	60-140	20	09/08/2014 1000
Acrylonitrile	100	100		1	100	0.45	70-130	20	09/08/2014 1000
Benzene	50	49		1	98	0.18	70-130	20	09/08/2014 1000
Bromochloromethane	50	50		1	101	2.9	70-130	20	09/08/2014 1000
Bromodichloromethane	50	51		1	103	0.49	70-130	20	09/08/2014 1000
Bromoform	50	47		1	95	0.48	70-130	20	09/08/2014 1000
Bromomethane (Methyl bromide)	50	48		1	96	0.61	60-140	20	09/08/2014 1000
2-Butanone (MEK)	100	97		1	97	0.34	60-140	20	09/08/2014 1000
Carbon disulfide	50	51		1	102	0.012	60-140	20	09/08/2014 1000
Carbon tetrachloride	50	50		1	99	0.71	70-130	20	09/08/2014 1000
Chlorobenzene	50	48		1	96	1.2	70-130	20	09/08/2014 1000
Chloroethane	50	49		1	99	0.94	42-163	20	09/08/2014 1000
Chloroform	50	50		1	99	0.022	70-130	20	09/08/2014 1000
Chloromethane (Methyl chloride)	50	51		1	101	0.24	60-140	20	09/08/2014 1000
1,2-Dibromo-3-chloropropane (DBCP)	50	49		1	98	1.9	70-130	20	09/08/2014 1000
Dibromochloromethane	50	47		1	95	0.64	70-130	20	09/08/2014 1000
1,2-Dibromoethane (EDB)	50	51		1	101	0.23	70-130	20	09/08/2014 1000
Dibromomethane (Methylene bromide)	50	49		1	98	0.83	70-130	20	09/08/2014 1000
trans-1,4-Dichloro-2-butene	50	53		1	107	0.87	34-142	20	09/08/2014 1000
1,2-Dichlorobenzene	50	49		1	99	0.59	70-130	20	09/08/2014 1000
1,4-Dichlorobenzene	50	49		1	99	0.28	70-130	20	09/08/2014 1000
1,1-Dichloroethane	50	50		1	99	0.90	70-130	20	09/08/2014 1000
1,2-Dichloroethane	50	49		1	97	0.67	70-130	20	09/08/2014 1000
1,1-Dichloroethene	50	49		1	98	0.051	70-130	20	09/08/2014 1000
trans-1,2-Dichloroethene	50	50		1	99	0.38	70-130	20	09/08/2014 1000
cis-1,2-Dichloroethene	50	51		1	102	1.3	70-130	20	09/08/2014 1000
1,2-Dichloropropane	50	51		1	101	0.014	70-130	20	09/08/2014 1000
cis-1,3-Dichloropropene	50	52		1	105	0.038	70-130	20	09/08/2014 1000
trans-1,3-Dichloropropene	50	52		1	104	0.47	70-130	20	09/08/2014 1000
Ethylbenzene	50	50		1	101	0.37	70-130	20	09/08/2014 1000
2-Hexanone	100	100		1	103	1.8	60-140	20	09/08/2014 1000
Methyl iodide (Iodomethane)	50	50		1	100	0.86	70-130	20	09/08/2014 1000
4-Methyl-2-pentanone	100	100		1	102	0.96	60-140	20	09/08/2014 1000
Methylene chloride	50	48		1	96	0.77	70-130	20	09/08/2014 1000
Styrene	50	52		1	105	0.84	70-130	20	09/08/2014 1000
1,1,1,2-Tetrachloroethane	50	50		1	100	0.28	70-130	20	09/08/2014 1000
1,1,2,2-Tetrachloroethane	50	51		1	102	1.1	60-140	20	09/08/2014 1000
Tetrachloroethene	50	48		1	96	0.61	70-130	20	09/08/2014 1000
Tetrahydrofuran	50	45		1	91	1.8	70-130	20	09/08/2014 1000
Toluene	50	50		1	100	0.53	70-130	20	09/08/2014 1000
1,1,2-Trichloroethane	50	49		1	98	0.88	70-130	20	09/08/2014 1000
1,1,1-Trichloroethane	50	51		1	103	1.5	70-130	20	09/08/2014 1000
Trichloroethene	50	48		1	96	1.4	70-130	20	09/08/2014 1000
Trichlorofluoromethane	50	44		1	89	1.1	70-130	20	09/08/2014 1000

PQL = Practical quantitation limit
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+ = 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: PQ55598-003
Batch: 55598
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
1,2,3-Trichloropropane	50	50		1	99	1.6	70-130	20	09/08/2014 1000
Vinyl acetate	50	130	N	1	265	0.0053	60-140	20	09/08/2014 1000
Vinyl chloride	50	46		1	92	0.095	70-130	20	09/08/2014 1000
Xylenes (total)	100	100		1	100	0.37	70-130	20	09/08/2014 1000

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		110	70-130
1,2-Dichloroethane-d4		96	70-130
Toluene-d8		107	70-130

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

SHEALY ENVIRONMENTAL SERVICES, INC.

Shealy Environmental Services, Inc.
106 Vantage Point Drive
West Columbia, South Carolina 29172
Telephone No. (803) 791-9700 Fax No. (803) 791-9111
www.shealylab.com

Chain of Custody Record

Number 26551

Client: Enviro-Pro, P.C.	Report to Contact: T. Bolyard	Sampler (Printed Name): T. Bolyard	Quote No.
Address: 2646 Farmlake Ln.	Telephone No. / Fax No. / Email: 803-547-4955	Waybill No.	Page 1 of 1
City: Ft. Mill; State: SC; Zip Code: 29708	Preservative: 1. Unpres. 2. NaOH/ZnA 3. H2SO4 4. HNO3 5. HCL 6. Na Thio. 7. NaOH		
Project Name: NMLF			
Project Number: EP-1217 (A)	P.O Number		

Sample ID / Description (Containers for each sample may be combined on one line)	Date	Time	G=Grab C=Composite	Matrix: GW	DW	WW	S	Other	Analysis: App I VOCs + THF	Number of Containers	Bottle (See Instructions on back)	Preservative
										3	A	5
Tinsley WSW - Inf.	9/3/14	10:00	G	X					✓			Use Lower Level
Tinsley WSW - Eff.	"	10:15	G	X					✓			Detection Limits
Hammill WSW-1 - Inf.	"	10:30	G	X					✓			
Hammill WSW-1 - Eff.	"	10:45	G	X					✓			
Hammill WSW-2 - Inf.	"	11:00	G	X					✓			
Hammill WSW-2 - Eff.	"	11:15	G	X					✓			
Wright WSW	"	11:30	G	X					✓			

P104080

Turn Around Time Required (Prior lab approval required for expedited TAT): ☑ Standard ☐ Rush (Please Specify) 5-day TAT

Sample Disposal: ☐ Return to Client ☑ Disposal by Lab

QC Requirements (Specify):

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

	Date	Time		Date	Time
1. Relinquished by Sampler: T. Bolyard	9/3/14	1202	1. Received by: [signature]	9/3/14	1202
2. Relinquished by: [signature]	9/4/14	1405	2. Received by: [signature]	9.4.14	1405
3. Relinquished by: [signature]	9.4.14	1655	3. Received by		
4. Relinquished by			4. Laboratory Received by: [signature]	9/4/14	1655

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

LAB USE ONLY
Received on Ice (Check) ☑ Yes ☐ No ☐ Ice Pack — Receipt Temp. 3.0 °C — Temp. Blank ☐ Y / ☑ N

Shealy Environmental Services, Inc.
Document Number: F-AD-016
Revision Number: 15

Page 1 of 1
Replaces Date: 03/07/14
Effective Date: 07/15/14

Sample Receipt Checklist (SRC)

Client: Enviro-Pro Cooler Inspected by/date: mcm / 09/04/14 Lot #: R104082

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

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

Cooler ID/Original temperature upon receipt/Derived (corrected) temperature upon receipt:
/2.9/3.0 °C / / °C / / °C / / °C
Method: ☐ Temperature Blank ☑ Against Bottles IR Gun ID: #3 IR Gun Correction Factor: 0.1 °C
Method of coolant: ☑ Wet Ice ☐ Blue Ice ☐ Dry Ice ☐ None

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 ☐		5. Were proper custody procedures (relinquished/received) followed?
Yes ☐	No ☐	NA ☑	5a Were samples relinquished by client to commercial courier?
Yes ☑	No ☐		6. Were sample IDs listed on the COC?
Yes ☑	No ☐		7. Were sample IDs listed on all sample containers?
Yes ☑	No ☐		8. Was collection date & time listed on the COC?
Yes ☑	No ☐		9. Was collection date & time listed on all sample containers?
Yes ☑	No ☐		10. Did all container label information (ID, date, time) agree with the COC?
Yes ☑	No ☐		11. Were tests to be performed listed on the COC?
Yes ☑	No ☐		12. Did all samples arrive in the proper containers for each test?
Yes ☑	No ☐		13. Did all containers arrive in good condition (unbroken, lids on, etc.)?
Yes ☑	No ☐		14. Was adequate sample volume available?
Yes ☑	No ☐		15. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
Yes ☐	No ☑		16. Were any samples containers missing?
Yes ☐	No ☑		17. Were there any excess samples not listed on COC?
Yes ☐	No ☑	NA ☐	18. Were bubbles present >"pea-size" (¼"or 6mm in diameter) in any VOA vials?
Yes ☐	No ☐	NA ☑	19. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
Yes ☐	No ☐	NA ☑	20. Were all cyanide and/or sulfide samples received at a pH >12?
Yes ☐	No ☐	NA ☑	21. Were all applicable NH3/TKN/cyanide/phenol (<0.2mg/L) samples free of residual chlorine?
Yes ☐	No ☐	NA ☑	22. Were collection temperatures documented on the COC for NC samples?
Yes ☐	No ☐	NA ☑	23. Were client remarks/requests (i.e. requested dilutions, MS/MSD designations, etc…) correctly transcribed from the COC into the comment section in LIMS?
Yes ☐	No ☑		24. Was the quote number used taken from the container label?

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) using SR # _____.

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

Sample(s) _____ were received with TRC >0.2 mg/L (If #21 is No)

SC Drinking Water Project Sample(s) pH verified to be > 2 by _____ Date: _____
Sample(s) _____ were not received at a pH of <2 and were adjusted accordingly using SR#

Sample labels applied by: mcm Verified by: mcm Date: 9/4/14

Comments: