

November 5, 2019

PECFA #: 53937-7309-32

Mr. Jon Heberer
WDNR – Bureau of Remediation and Redevelopment
3911 Fish Hatchery Road
Fitchburg, Wisconsin 53711

RE: Soil Remediation
Rizzo Property (BRRTS # 03-53-554361)
33832 State Highway 154
Hillpoint, Wisconsin 53937

Dear Mr. Heberer:

Seymour Environmental Services, Inc. (Seymour) is pleased to present the following information about the soil remediation at the Rizzo Property in Hillpoint, Wisconsin (Figure 1). The site is now owned by Sam Miller. Based on the results of the soil investigation we had planned to excavate 1,000 tons of contaminated soil. However, observations during the excavation indicated that the contamination did not extend as deep as the investigation had suggested. Because of this, only ~290 tons of contaminated soil was removed from the site and taken to the landfill for disposal.

The excavation extended over a circular area 35-40 feet in diameter. Across the excavation soils were generally removed to top of weathered bedrock. Clean overburden soils that were excavated were stockpiled in the field north of the excavation. Sampling of the excavation margins showed that the contaminated soil was removed. The sample collected from the base of the excavation was below the limits of detection. Because of the depth to groundwater (~100 feet) and the limited groundwater impacts noted in the water-supply well samples, we believe that the site should be closed.

GENERAL INFORMATION

Excavator/Trucking: W.D. Navis, Inc.
N2747 Highway 26
Waupun, Wisconsin 53963
Contact: Dennis Navis (920) 324-8995

Landfill: Advanced Disposal-Cranberry Creek
2510 Engel Road
Wisconsin Rapids, Wisconsin 54495
Contact: Dean Besiada (715) 422-0722

Laboratory: Pace Analytical
1241 Bellevue Street, Suite 9
Green Bay, Wisconsin 54302
Contact: Dan Milewsky (920) 469-2436

SOIL REMEDIATION

Seymour and Navis met at the site on August 20, 2019 to begin the soil remediation. Prior to our arrival Sam Miller had razed an adjacent garage to provide access to the contaminated soil. The excavation began at the former tank which was located just south of the former garage. The area of soil contamination identified during the soil investigation and the proposed excavation area are shown on Figure 2.

We began the work on the south portion of the proposed excavation. Overburden soils were removed until any evidence of petroleum contamination was noted. The shallowest soil contamination encountered was present in the area of B-1 and the former UST. Evidence of soil contamination in this area was noted at ~8 feet below grade. The upper surface of the soil contamination dropped off fairly steeply around the former tank bed and near the margins of the excavation soil contamination was only noted in soils deeper than ~18 feet below grade. The bentonite seals from the borings within the footprint of the excavation were noted during the excavation work.

After the soil contamination was located across the southern portion of the excavation soils were removed along the remaining portions of the planned excavation. Soils were removed in this manner so that we would be able to dig as deep as possible and not place a clean soil stockpile over an area that would need to be excavated. After the upper surface of the soil contamination was located across the excavation, the overburden soils were removed. A total of ~950 cubic yards of clean soils were temporarily stockpiled to the north of the remedial excavation. A fence and some trees had to be removed to accommodate the stockpile. The overburden soils were later reused to backfill the excavation. Soil encountered during the remedial excavation were primarily clayey with interbedded sand and chert.

After the overburden soils were removed, petroleum impacted soils were excavated from the area. Soil was removed across the excavation area (Figure 3) to a depth of ~23 to 25 feet where bedrock was encountered. A total of 289.92 tons of contaminated soil was loaded and hauled to Cranberry Creek Landfill.

A total of 9 confirmation soil samples were collected from the excavation margins and analyzed for PVOCs + naphthalene (Figure 3). Eight soil samples were collected from the excavation sidewalls. Four of those samples were collected near the base of the excavation at depths of 20-25 feet and four were collected higher on the excavation walls to show that any shallower contamination was removed. Additionally, a single soil sample was collected from the center of the excavation at a depth of 25 feet. No analytes were detected in any of the samples collected from the remedial excavation margins (Table 1). This is inconsistent with the sampling results from the boring in the source area, B-1, which indicated that the soil contamination extended to 39 feet. This did not appear to be the case during the soil remediation.

While on site to conduct the soil remediation, a water sample was collected from the private water supply well at the property. That water sample was analyzed for volatile organic compounds (VOCs). A number of compounds were detected at low levels (below the laboratory limit of quantitation) in the water sample. The majority of the compounds detected are petroleum-related including ethylbenzene, toluene, trimethylbenzenes, and xylenes. Additionally, cis 1,2 dichloroethene was detected in the sample. During previous sampling in 2015 and 2017 toluene had been detected in water samples collected from the well. Sampling data from the water-supply well is summarized in Table 2.

DISCUSSION/RECOMMENDATIONS

All of the accessible contaminated soil was excavated and landfilled. Data from the remediation work indicates that no residual soil contamination remains.

Groundwater contamination exceeding WDNR standards does not appear to be likely at the site. The log for the on site water-supply well indicates that groundwater is present at a depth of 115 feet. We believe that this represents the first groundwater (water-table) based on the topography. Samples collected from the water-supply well consistently show only trace levels of petroleum-related chemicals.

We believe that the site could receive unconditional closure based on the excavation confirmation sampling. If you have any questions, please feel free to give Mark Fryman or me a call at (608) 838-9120.

Sincerely,
Seymour Environmental Services

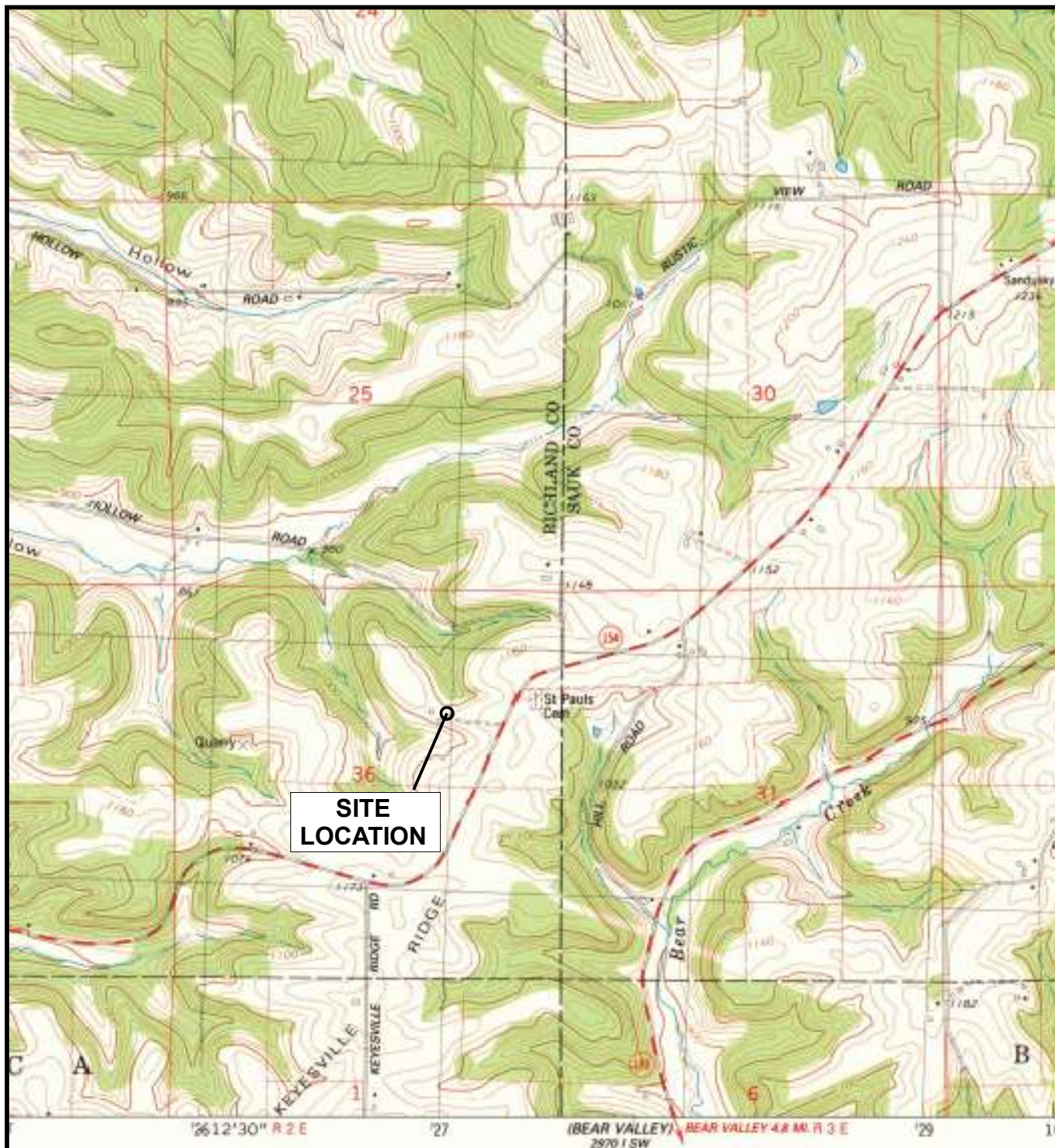


Robyn Seymour
Hydrogeologist

enclosures: Figures (3)
Tables (2)
Lab Report
Soil Disposal Documentation

cc: Mr. Samuel Miller – RP

FIGURES



0 2000' 4000'

1 INCH = 2000 FT
SCALE IS APPROXIMATE



FILE/PATH: D:\PROJECTS\SAMMILLER\
SamMiller-location.cdr

DATE: 02/22/2017

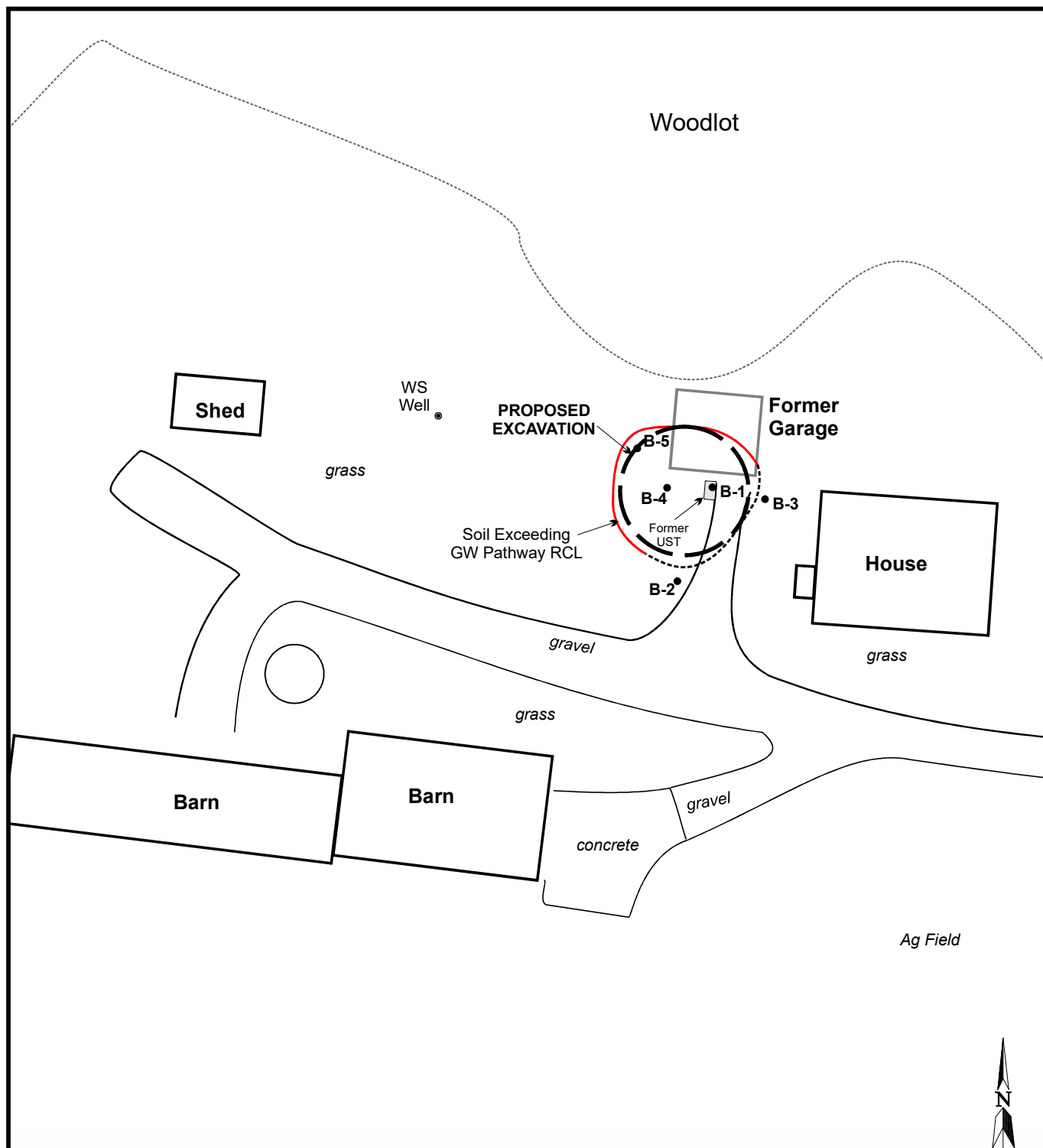
PREPARED: MDF APPROVED:

SOURCE:
USGS 7.5' Quadrangle Series
Lime Ridge, WI Quadrangle (1983)

SEYMOUR
ENVIRONMENTAL
SERVICES, INC.

SITE LOCATION
Rizzo Property - Sam Miller Farm
33832 State Highway 154
Hillpoint, Wisconsin

FIGURE
1



LEGEND

B-3 • - Geoprobe Location (June 2017)

0 40' 80'

1 INCH = 40 FEET
SCALE IS APPROXIMATE

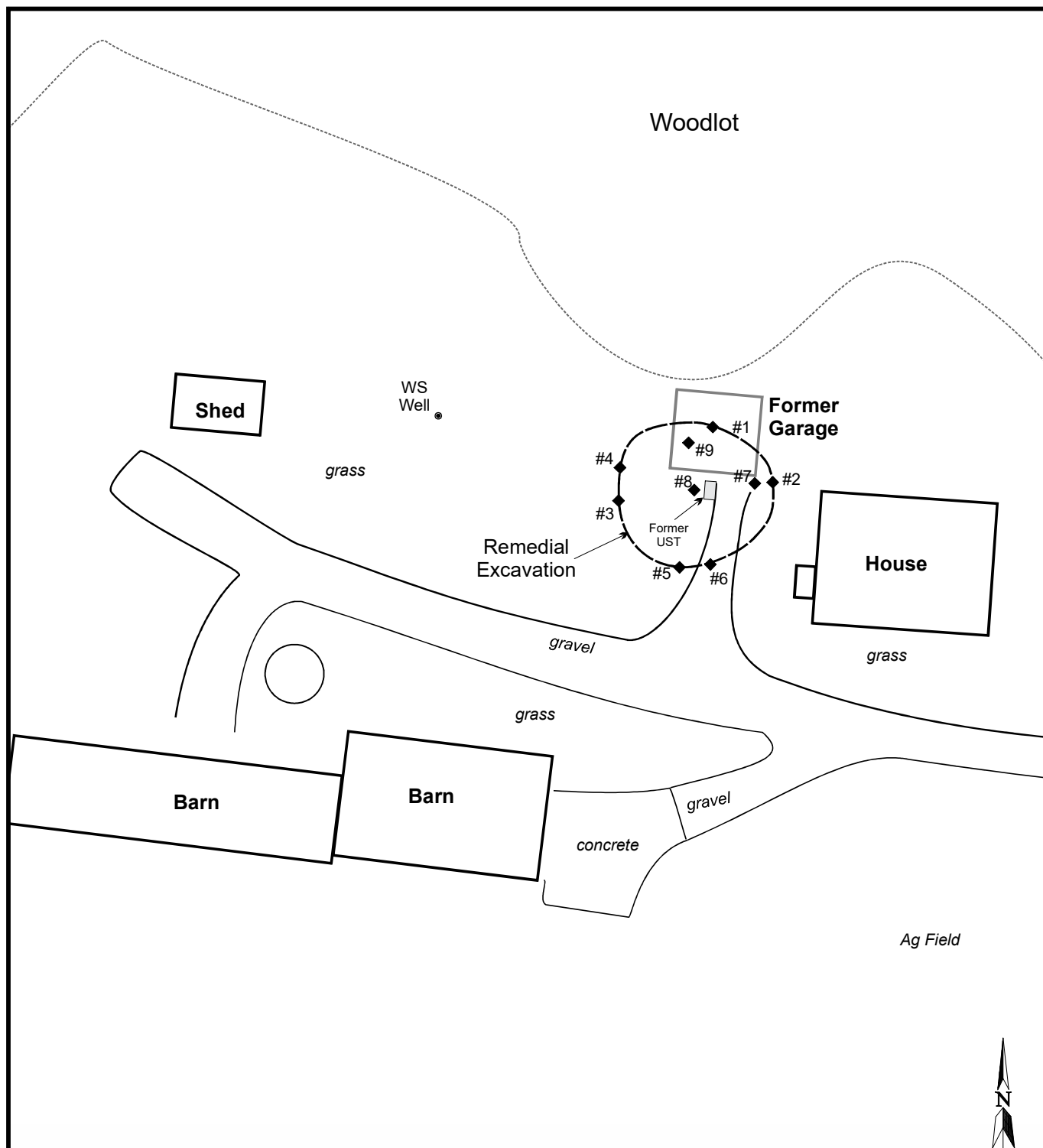
FILE/PATH: D:\PROJECTS\SAMMILLER\
Layout-S\soilcontamination.cdr
DATE: 10/10/2019
PREPARED: MDF APPROVED:
SOURCE:
Field Measurements
Richland County Public Mapping

**SEYMOUR
ENVIRONMENTAL
SERVICES, INC.**

SOIL CONTAMINATION/PROPOSED EXCAVATION
Rizzo Property - Sam Miller Farm
33832 STH 154
Hill Point, Wisconsin

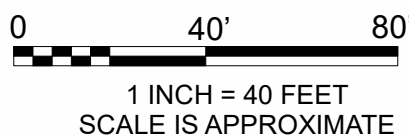
FIGURE

2



LEGEND

#2
◆ - Excavation Margin Sample



FILE/PATH: D:\PROJECTS\SAMMILLER\
Layout-excavation.cdr

DATE: 10/10/2019

PREPARED: MDF APPROVED:

SOURCE:
Field Measurements
Richland County Public Mapping

**SEYMOUR
ENVIRONMENTAL
SERVICES, INC.**

REMEDIAL EXCAVATION DETAILS (Aug. 2019)
Rizzo Property - Sam Miller Farm
33832 STH 154
Hill Point, Wisconsin

**FIGURE
3**

TABLES

TABLE 1 SUMMARY OF SOIL ANALYTICAL DATA Rizzo Property - 33832 State Highway 154 - Hillpoint, WI

SAMPLE	Depth (ft)	DRO	GRO	Benzene	Ethylbenzene	Methyl-tert-butyl ether	Toluene	1,3,5 Trimethylbenzene	1,2,4 Trimethylbenzene	Total Trimethylbenzenes	Total Xylenes	Naphthalene
Tank Closure	5	na	1900	na	na	na	na	na	na	na	na	na
Soil Assessment (Seymour Environmental - 06/30/2017)												
B-1	8	na	na	1580(J)	89700	1740(J)	124000	140000	404000	544000	781000	55300
B-1	14	na	na	6350	111000	3020	166000	83100	248000	331100	529000	44900
B-1	18	na	na	138(J)	3730	79.5(J)	3540	4950	149000	153950	22460	3530
B-1	25	na	na	4270	39600	1730	76600	27500	82000	109500	175200	16100
B-1	30	na	na	254	99.4	<25.0	473	52.3(J)	173	225.3	546	62.7(J)
B-1	35	na	na	<33.6	<33.6	<33.6	<33.6	<33.6	<33.6	<67.2	<100.9	<33.6
B-1	39	na	na	903	<25.0	<25.0	81.5	<25.0	83.7	83.7	409	120
B-2	24.5	na	na	<29.9	<29.9	<29.9	<29.9	<29.9	<29.9	<59.8	<89.6	<29.9
B-3	14	na	na	<25.0	41.5(J)	<25.0	64.7	<25.0	56.0(J)	56.0(J)	256.3	<25.0
B-4	20	na	na	110	119	<25.0	680	72.4(J)	234	306.4	984	64.9(J)
B-4	25	na	na	<25.0	133	<25.0	222	51.7(J)	128	179.7	805	<25.0
B-5	25	na	na	87.4	33.3(J)	<25.0	<25.0	<25.0	41.8(J)	41.8(J)	211.3(J)	<25.0
Sol Remediationt (Seymour Environmental - August 20-22, 2019)												
#1	20	na	na	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<40.0
#2	20	na	na	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<40.0
#3	20	na	na	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<40.0
#4	25	na	na	<25.3	<25.3	<25.3	<25.3	<25.3	<25.3	<50.6	<75.9	<40.0
#5	15	na	na	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<40.0
#6	19	na	na	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<40.0
#7	14	na	na	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<40.0
#8	25	na	na	<25.8	<25.8	<25.8	<25.8	<25.8	<25.8	<51.6	<77.3	<41.3
#9	12	na	na	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0	<40.0
Groundwater Pathway RCLs		ns	ns	5.1	1570	27	1107	ns	ns	1379	3940	658.7
Direct Contact RCLs		ns	ns	1600	8020	63800	818000	182000	219000	ns	260000	5520
- GRO reported in mg/kg; PVOCs are reported in ug/kg - na = not analyzed - ns = no standard established - (J) = present below limit of quantitation - Groundwater Pathway RCL (exceedances bold) - Direct Contact RCLs for non-industrial properties (exceedances underlined)												

TABLE 2
SUMMARY OF WATER-SUPPLY WELL GROUNDWATER ANALYTICAL DATA
Rizzo Property - 33832 State Highway 154
Hillpoint, WI

Sample I.D.	Water Well			NR140	
Date	05/22/15	06/30/17	08/21/19	ES	PAL
Select VOCs					
Benzene	<0.40	<0.50	<0.25	5	0.5
1,2 Dichloroethane	na	<0.17	<0.28	5	0.5
Ethylbenzene	<0.39	<0.50	0.43 (J)	700	140
Methyl-tert-butyl ether	<0.48	<0.17	<1.2	60	12
Toluene	0.73 (J)	0.56 (J)	0.76 (J)	800	160
1,3,5 Trimethylbenzene	<0.42	<0.50	<0.87	ns	ns
1,2,4 Trimethylbenzene	<0.42	<0.50	1.5 (J)	ns	ns
Total Trimethylbenzenes	<0.82	<1.0	1.5 (J)	480	96
Xylenes, -m, -p	<0.80	<1.0	1.5 (J)	ns	ns
Xylene, -o	<0.45	<0.50	0.58 (J)	ns	ns
Total Xylenes	<1.25	<1.5	2.08 (J)	2000	400
Naphthalene	<0.42	<2.5	<1.2	100	10
cis 1,2 Dichloroethene	na	<0.26	0.44 (J)	70	7
- All results are reported in ug/l - Sample from 2015 analyzed for PVOCs+naphthalene - Sample from 2017 and 2019 analyzed for VOCs (EPA 8260) - All detected compounds are included in table - na = not analyzed - ns = no standard established - (J) = Detected below limit of quantitation - NR140 PAL = Preventative action limit (exceedances underlined) - NR140 ES = Enforcement standard (exceedances bold)					

LABORATORY REPORT

September 10, 2019

Robyn Seymour
Seymour Environmental Services, INC.
2531 Dyreson Road
Mc Farland, WI 53558

RE: Project: SAM MILLER FARM
Pace Project No.: 40193848

Dear Robyn Seymour:

Enclosed are the analytical results for sample(s) received by the laboratory on August 28, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Dan Milewsky
dan.milewsky@pacelabs.com
(920)469-2436
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: SAM MILLER FARM

Pace Project No.: 40193848

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: SAM MILLER FARM

Pace Project No.: 40193848

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40193848001	#1-20'	Solid	08/20/19 10:30	08/28/19 08:50
40193848002	#2-20'	Solid	08/20/19 13:00	08/28/19 08:50
40193848003	#3-20'	Solid	08/20/19 13:30	08/28/19 08:50
40193848004	#4	Solid	08/20/19 16:15	08/28/19 08:50
40193848005	#5	Solid	08/21/19 08:00	08/28/19 08:50
40193848006	#6	Solid	08/21/19 10:15	08/28/19 08:50
40193848007	#7	Solid	08/21/19 12:00	08/28/19 08:50
40193848008	#8	Solid	08/22/19 07:15	08/28/19 08:50
40193848009	#9	Solid	08/22/19 08:00	08/28/19 08:50
40193848010	WATER WELL	Water	08/21/19 10:00	08/28/19 08:50

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: SAM MILLER FARM

Pace Project No.: 40193848

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40193848001	#1-20'	EPA 8260	ALD	12
		ASTM D2974-87	SKW	1
40193848002	#2-20'	EPA 8260	ALD	12
		ASTM D2974-87	SKW	1
40193848003	#3-20'	EPA 8260	ALD	12
		ASTM D2974-87	SKW	1
40193848004	#4	EPA 8260	ALD	12
		ASTM D2974-87	SKW	1
40193848005	#5	EPA 8260	ALD	12
		ASTM D2974-87	SKW	1
40193848006	#6	EPA 8260	ALD	12
		ASTM D2974-87	SKW	1
40193848007	#7	EPA 8260	ALD	12
		ASTM D2974-87	SKW	1
40193848008	#8	EPA 8260	ALD	12
		ASTM D2974-87	SKW	1
40193848009	#9	EPA 8260	ALD	12
		ASTM D2974-87	SKW	1
40193848010	WATER WELL	EPA 8260	LAP	64

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SUMMARY OF DETECTION

Project: SAM MILLER FARM

Pace Project No.: 40193848

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40193848001	#1-20'					
ASTM D2974-87	Percent Moisture	4.4	%	0.10	09/09/19 18:18	
40193848002	#2-20'					
ASTM D2974-87	Percent Moisture	10.2	%	0.10	09/09/19 18:18	
40193848003	#3-20'					
ASTM D2974-87	Percent Moisture	14.0	%	0.10	09/09/19 18:18	
40193848004	#4					
ASTM D2974-87	Percent Moisture	17.1	%	0.10	09/09/19 18:18	
40193848005	#5					
ASTM D2974-87	Percent Moisture	24.4	%	0.10	09/09/19 18:18	
40193848006	#6					
ASTM D2974-87	Percent Moisture	20.5	%	0.10	09/09/19 18:40	
40193848007	#7					
ASTM D2974-87	Percent Moisture	22.8	%	0.10	09/09/19 18:40	
40193848008	#8					
ASTM D2974-87	Percent Moisture	14.6	%	0.10	09/09/19 18:40	
40193848009	#9					
ASTM D2974-87	Percent Moisture	23.2	%	0.10	09/09/19 18:40	
40193848010	WATER WELL					
EPA 8260	cis-1,2-Dichloroethene	0.44J	ug/L	1.0	08/29/19 14:21	
EPA 8260	Ethylbenzene	0.43J	ug/L	1.0	08/29/19 14:21	
EPA 8260	Toluene	0.76J	ug/L	5.0	08/29/19 14:21	
EPA 8260	1,2,4-Trimethylbenzene	1.5J	ug/L	2.8	08/29/19 14:21	
EPA 8260	m&p-Xylene	1.5J	ug/L	2.0	08/29/19 14:21	
EPA 8260	o-Xylene	0.58J	ug/L	1.0	08/29/19 14:21	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: SAM MILLER FARM
Pace Project No.: 40193848

Sample: #1-20' **Lab ID: 40193848001** Collected: 08/20/19 10:30 Received: 08/28/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 17:05	71-43-2	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 17:05	100-41-4	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 17:05	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	08/29/19 10:48	08/29/19 17:05	91-20-3	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 17:05	108-88-3	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 17:05	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 17:05	108-67-8	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	08/29/19 10:48	08/29/19 17:05	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 17:05	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	116	%	57-146		1	08/29/19 10:48	08/29/19 17:05	1868-53-7	
4-Bromofluorobenzene (S)	93	%	54-126		1	08/29/19 10:48	08/29/19 17:05	460-00-4	
Toluene-d8 (S)	116	%	64-134		1	08/29/19 10:48	08/29/19 17:05	2037-26-5	
Percent Moisture Analytical Method: ASTM D2974-87									
Percent Moisture	4.4	%	0.10	0.10	1		09/09/19 18:18		

Sample: #2-20' **Lab ID: 40193848002** Collected: 08/20/19 13:00 Received: 08/28/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 17:27	71-43-2	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 17:27	100-41-4	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 17:27	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	08/29/19 10:48	08/29/19 17:27	91-20-3	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 17:27	108-88-3	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 17:27	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 17:27	108-67-8	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	08/29/19 10:48	08/29/19 17:27	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 17:27	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	96	%	57-146		1	08/29/19 10:48	08/29/19 17:27	1868-53-7	
4-Bromofluorobenzene (S)	80	%	54-126		1	08/29/19 10:48	08/29/19 17:27	460-00-4	
Toluene-d8 (S)	97	%	64-134		1	08/29/19 10:48	08/29/19 17:27	2037-26-5	
Percent Moisture Analytical Method: ASTM D2974-87									
Percent Moisture	10.2	%	0.10	0.10	1		09/09/19 18:18		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: SAM MILLER FARM
Pace Project No.: 40193848

Sample: #3-20' **Lab ID: 40193848003** Collected: 08/20/19 13:30 Received: 08/28/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 17:50	71-43-2	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 17:50	100-41-4	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 17:50	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	08/29/19 10:48	08/29/19 17:50	91-20-3	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 17:50	108-88-3	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 17:50	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 17:50	108-67-8	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	08/29/19 10:48	08/29/19 17:50	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 17:50	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	114	%	57-146		1	08/29/19 10:48	08/29/19 17:50	1868-53-7	
4-Bromofluorobenzene (S)	87	%	54-126		1	08/29/19 10:48	08/29/19 17:50	460-00-4	
Toluene-d8 (S)	109	%	64-134		1	08/29/19 10:48	08/29/19 17:50	2037-26-5	
Percent Moisture Analytical Method: ASTM D2974-87									
Percent Moisture	14.0	%	0.10	0.10	1		09/09/19 18:18		

Sample: #4 **Lab ID: 40193848004** Collected: 08/20/19 16:15 Received: 08/28/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.3	ug/kg	60.6	25.3	1	08/29/19 10:48	08/29/19 18:12	71-43-2	W
Ethylbenzene	<25.3	ug/kg	60.6	25.3	1	08/29/19 10:48	08/29/19 18:12	100-41-4	W
Methyl-tert-butyl ether	<25.3	ug/kg	60.6	25.3	1	08/29/19 10:48	08/29/19 18:12	1634-04-4	W
Naphthalene	<40.4	ug/kg	253	40.4	1	08/29/19 10:48	08/29/19 18:12	91-20-3	W
Toluene	<25.3	ug/kg	60.6	25.3	1	08/29/19 10:48	08/29/19 18:12	108-88-3	W
1,2,4-Trimethylbenzene	<25.3	ug/kg	60.6	25.3	1	08/29/19 10:48	08/29/19 18:12	95-63-6	W
1,3,5-Trimethylbenzene	<25.3	ug/kg	60.6	25.3	1	08/29/19 10:48	08/29/19 18:12	108-67-8	W
m&p-Xylene	<50.5	ug/kg	121	50.5	1	08/29/19 10:48	08/29/19 18:12	179601-23-1	W
o-Xylene	<25.3	ug/kg	60.6	25.3	1	08/29/19 10:48	08/29/19 18:12	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	109	%	57-146		1	08/29/19 10:48	08/29/19 18:12	1868-53-7	
4-Bromofluorobenzene (S)	88	%	54-126		1	08/29/19 10:48	08/29/19 18:12	460-00-4	
Toluene-d8 (S)	110	%	64-134		1	08/29/19 10:48	08/29/19 18:12	2037-26-5	
Percent Moisture Analytical Method: ASTM D2974-87									
Percent Moisture	17.1	%	0.10	0.10	1		09/09/19 18:18		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: SAM MILLER FARM
Pace Project No.: 40193848

Sample: #5 **Lab ID: 40193848005** Collected: 08/21/19 08:00 Received: 08/28/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 18:35	71-43-2	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 18:35	100-41-4	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 18:35	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	08/29/19 10:48	08/29/19 18:35	91-20-3	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 18:35	108-88-3	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 18:35	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 18:35	108-67-8	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	08/29/19 10:48	08/29/19 18:35	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 18:35	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	108	%	57-146		1	08/29/19 10:48	08/29/19 18:35	1868-53-7	
4-Bromofluorobenzene (S)	84	%	54-126		1	08/29/19 10:48	08/29/19 18:35	460-00-4	
Toluene-d8 (S)	102	%	64-134		1	08/29/19 10:48	08/29/19 18:35	2037-26-5	
Percent Moisture Analytical Method: ASTM D2974-87									
Percent Moisture	24.4	%	0.10	0.10	1		09/09/19 18:18		

Sample: #6 **Lab ID: 40193848006** Collected: 08/21/19 10:15 Received: 08/28/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 18:58	71-43-2	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 18:58	100-41-4	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 18:58	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	08/29/19 10:48	08/29/19 18:58	91-20-3	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 18:58	108-88-3	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 18:58	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 18:58	108-67-8	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	08/29/19 10:48	08/29/19 18:58	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 18:58	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	102	%	57-146		1	08/29/19 10:48	08/29/19 18:58	1868-53-7	
4-Bromofluorobenzene (S)	83	%	54-126		1	08/29/19 10:48	08/29/19 18:58	460-00-4	
Toluene-d8 (S)	100	%	64-134		1	08/29/19 10:48	08/29/19 18:58	2037-26-5	
Percent Moisture Analytical Method: ASTM D2974-87									
Percent Moisture	20.5	%	0.10	0.10	1		09/09/19 18:40		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: SAM MILLER FARM
Pace Project No.: 40193848

Sample: #7 **Lab ID: 40193848007** Collected: 08/21/19 12:00 Received: 08/28/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 14:52	71-43-2	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 14:52	100-41-4	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 14:52	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	08/29/19 10:48	08/29/19 14:52	91-20-3	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 14:52	108-88-3	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 14:52	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 14:52	108-67-8	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	08/29/19 10:48	08/29/19 14:52	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 14:52	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	123	%	57-146		1	08/29/19 10:48	08/29/19 14:52	1868-53-7	
4-Bromofluorobenzene (S)	100	%	54-126		1	08/29/19 10:48	08/29/19 14:52	460-00-4	
Toluene-d8 (S)	124	%	64-134		1	08/29/19 10:48	08/29/19 14:52	2037-26-5	
Percent Moisture Analytical Method: ASTM D2974-87									
Percent Moisture	22.8	%	0.10	0.10	1		09/09/19 18:40		

Sample: #8 **Lab ID: 40193848008** Collected: 08/22/19 07:15 Received: 08/28/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.8	ug/kg	61.9	25.8	1	08/29/19 10:48	08/29/19 19:20	71-43-2	W
Ethylbenzene	<25.8	ug/kg	61.9	25.8	1	08/29/19 10:48	08/29/19 19:20	100-41-4	W
Methyl-tert-butyl ether	<25.8	ug/kg	61.9	25.8	1	08/29/19 10:48	08/29/19 19:20	1634-04-4	W
Naphthalene	<41.3	ug/kg	258	41.3	1	08/29/19 10:48	08/29/19 19:20	91-20-3	W
Toluene	<25.8	ug/kg	61.9	25.8	1	08/29/19 10:48	08/29/19 19:20	108-88-3	W
1,2,4-Trimethylbenzene	<25.8	ug/kg	61.9	25.8	1	08/29/19 10:48	08/29/19 19:20	95-63-6	W
1,3,5-Trimethylbenzene	<25.8	ug/kg	61.9	25.8	1	08/29/19 10:48	08/29/19 19:20	108-67-8	W
m&p-Xylene	<51.5	ug/kg	124	51.5	1	08/29/19 10:48	08/29/19 19:20	179601-23-1	W
o-Xylene	<25.8	ug/kg	61.9	25.8	1	08/29/19 10:48	08/29/19 19:20	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	108	%	57-146		1	08/29/19 10:48	08/29/19 19:20	1868-53-7	
4-Bromofluorobenzene (S)	88	%	54-126		1	08/29/19 10:48	08/29/19 19:20	460-00-4	
Toluene-d8 (S)	109	%	64-134		1	08/29/19 10:48	08/29/19 19:20	2037-26-5	
Percent Moisture Analytical Method: ASTM D2974-87									
Percent Moisture	14.6	%	0.10	0.10	1		09/09/19 18:40		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: SAM MILLER FARM
Pace Project No.: 40193848

Sample: #9 **Lab ID: 40193848009** Collected: 08/22/19 08:00 Received: 08/28/19 08:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 19:43	71-43-2	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 19:43	100-41-4	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 19:43	1634-04-4	W
Naphthalene	<40.0	ug/kg	250	40.0	1	08/29/19 10:48	08/29/19 19:43	91-20-3	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 19:43	108-88-3	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 19:43	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 19:43	108-67-8	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	08/29/19 10:48	08/29/19 19:43	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	08/29/19 10:48	08/29/19 19:43	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	107	%	57-146		1	08/29/19 10:48	08/29/19 19:43	1868-53-7	
4-Bromofluorobenzene (S)	86	%	54-126		1	08/29/19 10:48	08/29/19 19:43	460-00-4	
Toluene-d8 (S)	107	%	64-134		1	08/29/19 10:48	08/29/19 19:43	2037-26-5	
Percent Moisture Analytical Method: ASTM D2974-87									
Percent Moisture	23.2	%	0.10	0.10	1		09/09/19 18:40		

Sample: WATER WELL **Lab ID: 40193848010** Collected: 08/21/19 10:00 Received: 08/28/19 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Benzene	<0.25	ug/L	1.0	0.25	1		08/29/19 14:21	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		08/29/19 14:21	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		08/29/19 14:21	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		08/29/19 14:21	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		08/29/19 14:21	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		08/29/19 14:21	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		08/29/19 14:21	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		08/29/19 14:21	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		08/29/19 14:21	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		08/29/19 14:21	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		08/29/19 14:21	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		08/29/19 14:21	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		08/29/19 14:21	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		08/29/19 14:21	74-87-3	L1
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		08/29/19 14:21	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		08/29/19 14:21	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		08/29/19 14:21	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		08/29/19 14:21	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		08/29/19 14:21	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		08/29/19 14:21	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		08/29/19 14:21	95-50-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: SAM MILLER FARM

Pace Project No.: 40193848

Sample: WATER WELL **Lab ID: 40193848010** Collected: 08/21/19 10:00 Received: 08/28/19 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		08/29/19 14:21	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		08/29/19 14:21	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		08/29/19 14:21	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		08/29/19 14:21	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		08/29/19 14:21	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		08/29/19 14:21	75-35-4	
cis-1,2-Dichloroethene	0.44J	ug/L	1.0	0.27	1		08/29/19 14:21	156-59-2	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		08/29/19 14:21	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		08/29/19 14:21	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		08/29/19 14:21	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		08/29/19 14:21	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		08/29/19 14:21	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		08/29/19 14:21	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		08/29/19 14:21	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		08/29/19 14:21	108-20-3	
Ethylbenzene	0.43J	ug/L	1.0	0.22	1		08/29/19 14:21	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		08/29/19 14:21	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		08/29/19 14:21	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		08/29/19 14:21	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		08/29/19 14:21	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		08/29/19 14:21	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		08/29/19 14:21	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		08/29/19 14:21	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		08/29/19 14:21	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		08/29/19 14:21	630-20-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		08/29/19 14:21	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		08/29/19 14:21	127-18-4	
Toluene	0.76J	ug/L	5.0	0.17	1		08/29/19 14:21	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		08/29/19 14:21	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/29/19 14:21	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		08/29/19 14:21	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		08/29/19 14:21	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		08/29/19 14:21	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		08/29/19 14:21	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		08/29/19 14:21	96-18-4	
1,2,4-Trimethylbenzene	1.5J	ug/L	2.8	0.84	1		08/29/19 14:21	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		08/29/19 14:21	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		08/29/19 14:21	75-01-4	
m&p-Xylene	1.5J	ug/L	2.0	0.47	1		08/29/19 14:21	179601-23-1	
o-Xylene	0.58J	ug/L	1.0	0.26	1		08/29/19 14:21	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		08/29/19 14:21	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		08/29/19 14:21	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		08/29/19 14:21	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: SAM MILLER FARM
Pace Project No.: 40193848

QC Batch: 332252 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Short List
Associated Lab Samples: 40193848001, 40193848002, 40193848003, 40193848004, 40193848005, 40193848006, 40193848007, 40193848008, 40193848009

METHOD BLANK: 1927550 Matrix: Solid
Associated Lab Samples: 40193848001, 40193848002, 40193848003, 40193848004, 40193848005, 40193848006, 40193848007, 40193848008, 40193848009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	08/29/19 08:45	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	08/29/19 08:45	
Benzene	ug/kg	<9.2	20.0	08/29/19 08:45	
Ethylbenzene	ug/kg	<12.4	50.0	08/29/19 08:45	
m&p-Xylene	ug/kg	<34.4	100	08/29/19 08:45	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	08/29/19 08:45	
Naphthalene	ug/kg	<40.0	250	08/29/19 08:45	
o-Xylene	ug/kg	<14.0	50.0	08/29/19 08:45	
Toluene	ug/kg	<11.2	50.0	08/29/19 08:45	
4-Bromofluorobenzene (S)	%	85	54-126	08/29/19 08:45	
Dibromofluoromethane (S)	%	110	57-146	08/29/19 08:45	
Toluene-d8 (S)	%	103	64-134	08/29/19 08:45	

LABORATORY CONTROL SAMPLE: 1927551

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	2500	2530	101	70-130	
Ethylbenzene	ug/kg	2500	2360	94	82-122	
m&p-Xylene	ug/kg	5000	4880	98	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2170	87	70-130	
o-Xylene	ug/kg	2500	2350	94	70-130	
Toluene	ug/kg	2500	2590	103	80-121	
4-Bromofluorobenzene (S)	%			89	54-126	
Dibromofluoromethane (S)	%			102	57-146	
Toluene-d8 (S)	%			102	64-134	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1927552 1927553

Parameter	Units	40193848007	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	Qual
		Result	Spike Conc.	Spike Conc.							
Benzene	ug/kg	<25.0	1620	1620	1570	1550	97	96	70-130	1	20
Ethylbenzene	ug/kg	<25.0	1620	1620	1430	1450	88	90	80-122	1	20
m&p-Xylene	ug/kg	<50.0	3240	3240	2990	3030	92	93	70-130	1	20
Methyl-tert-butyl ether	ug/kg	<25.0	1620	1620	1380	1360	85	84	70-130	1	20
o-Xylene	ug/kg	<25.0	1620	1620	1420	1500	88	93	70-130	5	20
Toluene	ug/kg	<25.0	1620	1620	1620	1630	100	100	80-121	0	20
4-Bromofluorobenzene (S)	%						107	109	54-126		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: SAM MILLER FARM

Pace Project No.: 40193848

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1927552 1927553												
Parameter	Units	40193848007	MS	MSD	MS	MSD	MS	MSD	% Rec	RPD	Max	Qual
		Result	Spike	Spike								
Dibromofluoromethane (S)	%						128	123	57-146			
Toluene-d8 (S)	%						125	125	64-134			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: SAM MILLER FARM
Pace Project No.: 40193848

QC Batch:	332186	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV
Associated Lab Samples:	40193848010		

METHOD BLANK:	1927286	Matrix:	Water
Associated Lab Samples:	40193848010		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	08/29/19 09:27	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	08/29/19 09:27	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	08/29/19 09:27	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	08/29/19 09:27	
1,1-Dichloroethane	ug/L	<0.27	1.0	08/29/19 09:27	
1,1-Dichloroethene	ug/L	<0.24	1.0	08/29/19 09:27	
1,1-Dichloropropene	ug/L	<0.54	1.8	08/29/19 09:27	
1,2,3-Trichlorobenzene	ug/L	<0.63	5.0	08/29/19 09:27	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	08/29/19 09:27	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	08/29/19 09:27	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	08/29/19 09:27	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	08/29/19 09:27	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	08/29/19 09:27	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	08/29/19 09:27	
1,2-Dichloroethane	ug/L	<0.28	1.0	08/29/19 09:27	
1,2-Dichloropropane	ug/L	<0.28	1.0	08/29/19 09:27	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	08/29/19 09:27	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	08/29/19 09:27	
1,3-Dichloropropane	ug/L	<0.83	2.8	08/29/19 09:27	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	08/29/19 09:27	
2,2-Dichloropropane	ug/L	<2.3	7.6	08/29/19 09:27	
2-Chlorotoluene	ug/L	<0.93	5.0	08/29/19 09:27	
4-Chlorotoluene	ug/L	<0.76	2.5	08/29/19 09:27	
Benzene	ug/L	<0.25	1.0	08/29/19 09:27	
Bromobenzene	ug/L	<0.24	1.0	08/29/19 09:27	
Bromochloromethane	ug/L	<0.36	5.0	08/29/19 09:27	
Bromodichloromethane	ug/L	<0.36	1.2	08/29/19 09:27	
Bromoform	ug/L	<4.0	13.2	08/29/19 09:27	
Bromomethane	ug/L	<0.97	5.0	08/29/19 09:27	
Carbon tetrachloride	ug/L	<0.17	1.0	08/29/19 09:27	
Chlorobenzene	ug/L	<0.71	2.4	08/29/19 09:27	
Chloroethane	ug/L	<1.3	5.0	08/29/19 09:27	
Chloroform	ug/L	<1.3	5.0	08/29/19 09:27	
Chloromethane	ug/L	<2.2	7.3	08/29/19 09:27	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	08/29/19 09:27	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	08/29/19 09:27	
Dibromochloromethane	ug/L	<2.6	8.7	08/29/19 09:27	
Dibromomethane	ug/L	<0.94	3.1	08/29/19 09:27	
Dichlorodifluoromethane	ug/L	<0.50	5.0	08/29/19 09:27	
Diisopropyl ether	ug/L	<1.9	6.3	08/29/19 09:27	
Ethylbenzene	ug/L	<0.22	1.0	08/29/19 09:27	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: SAM MILLER FARM
Pace Project No.: 40193848

METHOD BLANK: 1927286

Matrix: Water

Associated Lab Samples: 40193848010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	1.2J	5.0	08/29/19 09:27	
Isopropylbenzene (Cumene)	ug/L	<0.39	5.0	08/29/19 09:27	
m&p-Xylene	ug/L	<0.47	2.0	08/29/19 09:27	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	08/29/19 09:27	
Methylene Chloride	ug/L	<0.58	5.0	08/29/19 09:27	
n-Butylbenzene	ug/L	<0.71	2.4	08/29/19 09:27	
n-Propylbenzene	ug/L	<0.81	5.0	08/29/19 09:27	
Naphthalene	ug/L	<1.2	5.0	08/29/19 09:27	
o-Xylene	ug/L	<0.26	1.0	08/29/19 09:27	
p-Isopropyltoluene	ug/L	<0.80	2.7	08/29/19 09:27	
sec-Butylbenzene	ug/L	<0.85	5.0	08/29/19 09:27	
Styrene	ug/L	<0.47	1.6	08/29/19 09:27	
tert-Butylbenzene	ug/L	<0.30	1.0	08/29/19 09:27	
Tetrachloroethene	ug/L	<0.33	1.1	08/29/19 09:27	
Toluene	ug/L	<0.17	5.0	08/29/19 09:27	
trans-1,2-Dichloroethene	ug/L	<1.1	3.6	08/29/19 09:27	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	08/29/19 09:27	
Trichloroethene	ug/L	<0.26	1.0	08/29/19 09:27	
Trichlorofluoromethane	ug/L	<0.21	1.0	08/29/19 09:27	
Vinyl chloride	ug/L	<0.17	1.0	08/29/19 09:27	
4-Bromofluorobenzene (S)	%	93	70-130	08/29/19 09:27	
Dibromofluoromethane (S)	%	108	70-130	08/29/19 09:27	
Toluene-d8 (S)	%	100	70-130	08/29/19 09:27	

LABORATORY CONTROL SAMPLE: 1927287

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	62.1	124	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	53.7	107	70-130	
1,1,2-Trichloroethane	ug/L	50	53.5	107	70-130	
1,1-Dichloroethane	ug/L	50	63.3	127	73-150	
1,1-Dichloroethene	ug/L	50	68.8	138	73-138	
1,2,4-Trichlorobenzene	ug/L	50	48.4	97	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	52.7	105	64-129	
1,2-Dibromoethane (EDB)	ug/L	50	51.8	104	70-130	
1,2-Dichlorobenzene	ug/L	50	51.8	104	70-130	
1,2-Dichloroethane	ug/L	50	55.4	111	75-140	
1,2-Dichloropropane	ug/L	50	61.7	123	73-135	
1,3-Dichlorobenzene	ug/L	50	48.7	97	70-130	
1,4-Dichlorobenzene	ug/L	50	50.9	102	70-130	
Benzene	ug/L	50	58.3	117	70-130	
Bromodichloromethane	ug/L	50	55.4	111	70-130	
Bromoform	ug/L	50	49.6	99	68-129	
Bromomethane	ug/L	50	46.0	92	18-159	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: SAM MILLER FARM

Pace Project No.: 40193848

LABORATORY CONTROL SAMPLE: 1927287

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	50	58.1	116	70-130	
Chlorobenzene	ug/L	50	52.7	105	70-130	
Chloroethane	ug/L	50	62.5	125	53-147	
Chloroform	ug/L	50	55.8	112	74-136	
Chloromethane	ug/L	50	58.3	117	29-115 L1	
cis-1,2-Dichloroethene	ug/L	50	52.3	105	70-130	
cis-1,3-Dichloropropene	ug/L	50	55.1	110	70-130	
Dibromochloromethane	ug/L	50	47.9	96	70-130	
Dichlorodifluoromethane	ug/L	50	44.3	89	10-130	
Ethylbenzene	ug/L	50	57.3	115	80-124	
Isopropylbenzene (Cumene)	ug/L	50	60.6	121	70-130	
m&p-Xylene	ug/L	100	117	117	70-130	
Methyl-tert-butyl ether	ug/L	50	54.1	108	54-137	
Methylene Chloride	ug/L	50	61.3	123	73-138	
o-Xylene	ug/L	50	58.1	116	70-130	
Styrene	ug/L	50	59.7	119	70-130	
Tetrachloroethene	ug/L	50	50.9	102	70-130	
Toluene	ug/L	50	52.4	105	80-126	
trans-1,2-Dichloroethene	ug/L	50	63.7	127	73-145	
trans-1,3-Dichloropropene	ug/L	50	53.3	107	70-130	
Trichloroethene	ug/L	50	57.3	115	70-130	
Trichlorofluoromethane	ug/L	50	59.7	119	76-147	
Vinyl chloride	ug/L	50	59.7	119	51-120	
4-Bromofluorobenzene (S)	%			108	70-130	
Dibromofluoromethane (S)	%			106	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1927718 1927719

Parameter	Units	40193844004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.24	50	50	57.3	58.7	115	117	70-130	2	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	50	50	51.8	58.3	104	117	70-130	12	20	
1,1,2-Trichloroethane	ug/L	<0.55	50	50	51.4	54.7	103	109	70-137	6	20	
1,1-Dichloroethane	ug/L	<0.27	50	50	58.1	60.5	116	121	73-153	4	20	
1,1-Dichloroethene	ug/L	<0.24	50	50	61.1	64.6	122	129	73-138	6	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	51.4	55.3	103	111	70-130	7	20	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	50	50	51.3	54.6	103	109	58-129	6	20	
1,2-Dibromoethane (EDB)	ug/L	<0.83	50	50	49.3	52.8	99	106	70-130	7	20	
1,2-Dichlorobenzene	ug/L	<0.71	50	50	50.4	54.6	100	109	70-130	8	20	
1,2-Dichloroethane	ug/L	<0.28	50	50	52.1	53.6	104	107	75-140	3	20	
1,2-Dichloropropane	ug/L	<0.28	50	50	59.4	61.2	119	122	71-138	3	20	
1,3-Dichlorobenzene	ug/L	<0.63	50	50	46.4	50.6	93	101	70-130	9	20	
1,4-Dichlorobenzene	ug/L	<0.94	50	50	48.6	51.1	97	102	70-130	5	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: SAM MILLER FARM

Pace Project No.: 40193848

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1927718 1927719											
Parameter	Units	40193844004	MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	Max
		Result	Spike	Spike							
			Conc.	Conc.	Result	Result	% Rec	% Rec		RPD	RPD
Benzene	ug/L	<0.25	50	50	53.9	56.9	108	114	70-130	5	20
Bromodichloromethane	ug/L	<0.36	50	50	54.0	53.5	108	107	70-130	1	20
Bromoform	ug/L	<4.0	50	50	48.9	54.3	98	109	68-129	10	20
Bromomethane	ug/L	<0.97	50	50	45.5	47.3	91	95	15-170	4	20
Carbon tetrachloride	ug/L	<0.17	50	50	54.3	57.1	109	114	70-130	5	20
Chlorobenzene	ug/L	<0.71	50	50	49.6	52.7	99	105	70-130	6	20
Chloroethane	ug/L	<1.3	50	50	51.3	57.3	103	115	51-148	11	20
Chloroform	ug/L	<1.3	50	50	51.6	53.5	103	107	74-136	4	20
Chloromethane	ug/L	<2.2	50	50	46.2	46.7	92	93	23-115	1	20
cis-1,2-Dichloroethene	ug/L	<0.27	50	50	49.1	51.4	98	103	70-131	5	20
cis-1,3-Dichloropropene	ug/L	<3.6	50	50	54.3	55.3	109	111	70-130	2	20
Dibromochloromethane	ug/L	<2.6	50	50	49.4	53.2	99	106	70-130	7	20
Dichlorodifluoromethane	ug/L	<0.50	50	50	30.0	30.1	60	60	10-132	0	20
Ethylbenzene	ug/L	<0.22	50	50	53.9	53.4	108	107	80-125	1	20
Isopropylbenzene (Cumene)	ug/L	<0.39	50	50	57.4	55.8	115	112	70-130	3	20
m&p-Xylene	ug/L	<0.47	100	100	110	110	110	110	70-130	0	20
Methyl-tert-butyl ether	ug/L	<1.2	50	50	51.4	53.6	103	107	51-145	4	20
Methylene Chloride	ug/L	<0.58	50	50	53.0	58.4	106	117	73-140	10	20
o-Xylene	ug/L	<0.26	50	50	54.2	54.1	108	108	70-130	0	20
Styrene	ug/L	<0.47	50	50	55.4	55.8	111	112	70-130	1	20
Tetrachloroethene	ug/L	0.46J	50	50	51.1	56.0	101	111	70-130	9	20
Toluene	ug/L	<0.17	50	50	50.8	55.2	101	110	80-131	8	20
trans-1,2-Dichloroethene	ug/L	<1.1	50	50	58.0	60.7	116	121	73-148	5	20
trans-1,3-Dichloropropene	ug/L	<4.4	50	50	50.2	55.1	100	110	70-130	9	20
Trichloroethene	ug/L	<0.26	50	50	55.2	56.3	110	113	70-130	2	20
Trichlorofluoromethane	ug/L	<0.21	50	50	53.8	54.6	108	109	74-147	1	20
Vinyl chloride	ug/L	<0.17	50	50	50.9	50.5	102	101	41-129	1	20
4-Bromofluorobenzene (S)	%						105	100	70-130		
Dibromofluoromethane (S)	%						102	98	70-130		
Toluene-d8 (S)	%						101	104	70-130		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: SAM MILLER FARM

Pace Project No.: 40193848

QC Batch:	333294	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples: 40193848001, 40193848002, 40193848003, 40193848004, 40193848005			

SAMPLE DUPLICATE: 1934901

Parameter	Units	40193846006 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	7.6	7.8	2	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: SAM MILLER FARM

Pace Project No.: 40193848

QC Batch: 333298 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 40193848006, 40193848007, 40193848008, 40193848009

SAMPLE DUPLICATE: 1934907

Parameter	Units	40193848006 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	20.5	21.2	3	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: SAM MILLER FARM
Pace Project No.: 40193848

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

L1 Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.

W Non-detect results are reported on a wet weight basis.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: SAM MILLER FARM

Pace Project No.: 40193848

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40193848001	#1-20'	EPA 5035/5030B	332252	EPA 8260	332260
40193848002	#2-20'	EPA 5035/5030B	332252	EPA 8260	332260
40193848003	#3-20'	EPA 5035/5030B	332252	EPA 8260	332260
40193848004	#4	EPA 5035/5030B	332252	EPA 8260	332260
40193848005	#5	EPA 5035/5030B	332252	EPA 8260	332260
40193848006	#6	EPA 5035/5030B	332252	EPA 8260	332260
40193848007	#7	EPA 5035/5030B	332252	EPA 8260	332260
40193848008	#8	EPA 5035/5030B	332252	EPA 8260	332260
40193848009	#9	EPA 5035/5030B	332252	EPA 8260	332260
40193848010	WATER WELL	EPA 8260	332186		
40193848001	#1-20'	ASTM D2974-87	333294		
40193848002	#2-20'	ASTM D2974-87	333294		
40193848003	#3-20'	ASTM D2974-87	333294		
40193848004	#4	ASTM D2974-87	333294		
40193848005	#5	ASTM D2974-87	333294		
40193848006	#6	ASTM D2974-87	333298		
40193848007	#7	ASTM D2974-87	333298		
40193848008	#8	ASTM D2974-87	333298		
40193848009	#9	ASTM D2974-87	333298		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Client Name: Seymour Env

Sample Preservation Receipt Form

Project # 40193848

All containers needing preservation have been checked and noted below: ☐ Yes ☒ No ☐ N/A

Lab Lot# of pH paper:

Lab Std #ID of preservation (if pH adjusted):

Initial when completed:

Date/Time:

Pace Lab #	Glass						Plastic						Vials					Jars			General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	AG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP2N	BP2Z	BP3U	BP3B	BP3N	BP3S	DG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	WGFU	WPFU								SP5T	ZPLC	GN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
001																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															

Exceptions to preservation check: ☒ VOA ☐ Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other:

Headspace in VOA Vials (>6mm): ☐ Yes ☒ No ☐ N/A *If yes look in headspace column

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	DG9A	40 mL amber ascorbic	JGFU	4 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP2N	500 mL plastic HNO3	DG9T	40 mL amber Na Thio	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH, Znact	VG9U	40 mL clear vial unpres	WPFU	4 oz plastic jar unpres
AG4U	120 mL amber glass unpres	BP3U	250 mL plastic unpres	VG9H	40 mL clear vial HCL		
AG5U	100 mL amber glass unpres	BP3B	250 mL plastic NaOH	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9D	40 mL clear vial DI	ZPLC	ziploc bag
BG3U	250 mL clear glass unpres	BP3S	250 mL plastic H2SO4			GN:	

 1241 Bellevue Street, Green Bay, WI 54302	Document Name: Sample Condition Upon Receipt (SCUR)	Document Revised: 25Apr2018
	Document No.: F-GB-C-031-Rev.07	Issuing Authority: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Client Name: Seymour Env

Project #:

WO#: **40193848**

Courier: ☒ CS Logistics ☐ Fed Ex ☐ Speedee ☐ UPS ☐ Walto

☐ Client ☐ Pace Other: _____

Tracking #: 3115.082619



40193848

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other

Thermometer Used SR - Type of Ice: Wet (Blue) Dry None

☒ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 20 / Corr: _____

Temp Blank Present: ☐ yes ☒ no

Biological Tissue is Frozen: ☐ yes ☐ no

Person examining contents:

Date: 8/28/19

Initials: TH

Temp should be above freezing to 6°C.

Biota Samples may be received at ≤ 0°C.

Chain of Custody Present: ☒ Yes ☐ No ☐ N/A	1. <u>CC</u>	<u>8/28/19 TH</u>
Chain of Custody Filled Out: <u>8/28/19</u> ☒ Yes ☐ No ☐ N/A	2. <u>No pg #, Invoice</u>	<u>8/28/19 TH</u>
Chain of Custody Relinquished: ☒ Yes ☐ No ☐ N/A	3.	
Sampler Name & Signature on COC: ☒ Yes ☐ No ☐ N/A	4.	
Samples Arrived within Hold Time: ☒ Yes ☐ No	5.	
- VOA Samples frozen upon receipt ☐ Yes ☐ No	Date/Time:	
Short Hold Time Analysis (<72hr): ☐ Yes ☒ No	6.	
Rush Turn Around Time Requested: ☐ Yes ☒ No	7.	
Sufficient Volume: ☒ Yes ☐ No MS/MSD: ☐ Yes ☒ No ☐ N/A	8.	
Correct Containers Used: ☒ Yes ☐ No	9.	
-Pace Containers Used: ☒ Yes ☐ No ☐ N/A		
-Pace IR Containers Used: ☐ Yes ☒ No ☐ N/A		
Containers Intact: ☒ Yes ☐ No	10.	
Filtered volume received for Dissolved tests ☐ Yes ☐ No ☒ N/A	11.	
Sample Labels match COC: ☐ Yes ☒ No ☐ N/A	12.	<u>8/28/19</u>
-Includes date/time/ID/Analysis Matrix: <u>SW</u>	<u>OGA had no time - 40 ml vial TH</u>	
Trip Blank Present: ☐ Yes ☒ No ☐ N/A	13.	
Trip Blank Custody Seals Present ☐ Yes ☒ No ☐ N/A		
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution:

If checked, see attached form for additional comments ☐

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: Ar for DM

Date: 8/28/19

SOIL DISPOSAL MANIFESTS

CRANBERRY CREEK LANDFILL
2510 ENGEL ROAD
WIS RAPIDS, WI 54495
7159973136

001017
SEYMOUR ENVIRONMENTAL SERVICES INC
2531 DYRESON RD
MC FARLAND, WI 53558

INVOICE
INBOUND

SITE		CELL	TICKET #	OPERATOR	
D1			578956	41731	
TRUCK			CONTAINER	LICENSE	
NAV3					
REFERENCE				IN	OUT
				8/20/19 12:43 pm	8/20/19 1:01 pm

CONTRACT: 19052B RIZZO FARM C SOIL BOL:			GROSS TARE NET	67,920.00LBS 29,180.00LBS 38,740.00 LBS	Scale In Scale Out		
QTY	UNIT	DESCRIPTION	ORIGIN	%	RATE	TAX	TOTAL
19.37	TN	C-Soil 33B@Pet LubeGS-ADC-EXT	EX	100.00			

CERTIFIED WEIGHT TICKET

I hereby certify that this load does not contain any unauthorized hazardous waste.

SIGNATURE: 

Total
Paid
Change
Check#
Recpt #

CUSTOMER COPY

CRANBERRY CREEK LANDFILL
2510 ENGEL ROAD
WIS RAPIDS, WI 54495
7159973136

001017
SEYMOUR ENVIRONMENTAL SERVICES INC
2531 DYRESON RD
MC FARLAND, WI 53558

INVOICE
INBOUND

SITE		CELL	TICKET #	OPERATOR	
D1			579008	41731	
TRUCK		CONTAINER		LICENSE	
NAV3					
REFERENCE				IN	OUT
				8/21/19 6:03 am	8/21/19 6:03 am

CONTRACT: 19052B RIZZO FARM C SOIL
BOL:

GROSS 69,220.00LBS Scale In
TARE 29,180.00LBS Tare Out
NET 40,040.00 LBS

QTY	UNIT	DESCRIPTION	ORIGIN	%	RATE	TAX	TOTAL
20.02	TN	C-Soil 33B@Pet LubeGS-ADC-EXT	EX	100.00			

CERTIFIED WEIGHT TICKET

I hereby certify that this load does not contain any unauthorized hazardous waste.

SIGNATURE: D. Meep

Total
Paid
Change
Check#
Recpt #

CUSTOMER COPY

CRANBERRY CREEK LANDFILL
2510 ENGEL ROAD
WIS RAPIDS, WI 54495
7159973136

001017
SEYMOUR ENVIRONMENTAL SERVICES INC
2531 DYRESON RD
MC FARLAND, WI 53558

INVOICE
INBOUND

SITE		CELL	TICKET #	OPERATOR	
D1			579060	41731	
TRUCK			CONTAINER	LICENSE	
NAV3					
REFERENCE				IN	OUT
				8/21/19 10:44 am	8/21/19 10:44 am

CONTRACT: 19052B RIZZO FARM C SOIL

BOL:

GROSS 73,620.00LBS Scale In
TARE 29,180.00LBS Tare Out
NET 44,440.00LBS

QTY	UNIT	DESCRIPTION	ORIGIN	%	RATE	TAX	TOTAL
22.22	TN	C-Soil 33B@Pet LubeGS-ADC-EXT	EX	100.00			

CERTIFIED WEIGHT TICKET

I hereby certify that this load does not contain any unauthorized hazardous waste.

SIGNATURE: _____

Dallal

Total
Paid
Change
Check#
Recpt #

CUSTOMER COPY

CRANBERRY CREEK LANDFILL
2510 ENGEL ROAD
WIS RAPIDS, WI 54495
7159973136

001017
SEYMOUR ENVIRONMENTAL SERVICES INC
2531 DYRESON RD
MC FARLAND, WI 53558

INVOICE
INBOUND

SITE	CELL	TICKET #	OPERATOR	
D1		579086	41731	
TRUCK		CONTAINER	LICENSE	
NAV8				
REFERENCE			IN	OUT
			8/21/19 12:31 pm	8/21/19 12:50 pm

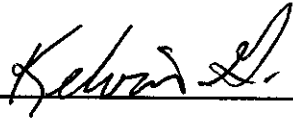
CONTRACT: 19052B RIZZO FARM C SOIL			GROSS 74,920.00LBS Scale In				
BOL:			TARE 29,520.00LBS Scale Out				
			NET 45,400.00 LBS				
QTY	UNIT	DESCRIPTION	ORIGIN	%	RATE	TAX	TOTAL
22.70	TN	C-Soil 33B@Pet LubeGS-ADC-EXT	EX	100.00			

CERTIFIED WEIGHT TICKET

Total
Paid
Change
Check#
Recpt #

I hereby certify that this load does not contain any unauthorized hazardous waste.

SIGNATURE: _____



CUSTOMER COPY

CRANBERRY CREEK LANDFILL
2510 ENGEL ROAD
WIS RAPIDS, WI 54495
7159973136

001017
SEYMOUR ENVIRONMENTAL SERVICES INC
2531 DYRESON RD
MC FARLAND, WI 53558

INVOICE
INBOUND

SITE		CELL	TICKET #	OPERATOR	
D1			579127	41731	
TRUCK			CONTAINER	LICENSE	
NAV3					
REFERENCE				IN	OUT
				8/21/19 3:48 pm	8/21/19 3:48 pm

CONTRACT: 19052B RIZZO FARM C SOIL
BOL:

GROSS 75,320.00LBS Scale In
TARE 29,180.00LBS Tare Out
NET 46,140.00LBS

QTY	UNIT	DESCRIPTION	ORIGIN	%	RATE	TAX	TOTAL
23.07	TN	C-Soil 33B@Pet LubeGS-ADC-EXT	EX	100.00			

CERTIFIED WEIGHT TICKET

I hereby certify that this load does not contain any unauthorized hazardous waste.

SIGNATURE: Dall

Total
Paid
Change
Check#
Recpt #

CUSTOMER COPY

CRANBERRY CREEK LANDFILL
2510 ENGEL ROAD
WIS RAPIDS, WI 54495
7159973136

001017
SEYMOUR ENVIRONMENTAL SERVICES INC
2531 DYRESON RD
MC FARLAND, WI 53558

INVOICE
INBOUND

SITE		CELL	TICKET #	OPERATOR	
D1			579142	41731	
TRUCK		CONTAINER		LICENSE	
NAV3					
REFERENCE				IN	OUT
				8/22/19 8:09 am	8/22/19 8:09 am

CONTRACT: 19052B RIZZO FARM C SOIL			GROSS		71,300.00LBS	Scale In	
BOL:			TARE		29,180.00LBS	Tare Out	
			NET		42,120.00LBS		
QTY	UNIT	DESCRIPTION	ORIGIN	%	RATE	TAX	TOTAL
21.06	TN	C-Soil 33B@Pet LubeGS-ADC-EXT	EX	100.00			

CERTIFIED WEIGHT TICKET

I hereby certify that this load does not contain any unauthorized hazardous waste.

SIGNATURE: _____

Dell

Total
Paid
Change
Check#
Recpt #

CUSTOMER COPY

CRANBERRY CREEK LANDFILL
2510 ENGEL ROAD
WIS RAPIDS, WI 54495
7159973136

001017
SEYMOUR ENVIRONMENTAL SERVICES INC
2531 DYRESON RD
MC FARLAND, WI 53558

INVOICE
INBOUND

SITE		CELL	TICKET #	OPERATOR	
D1			579163	41731	
TRUCK		CONTAINER		LICENSE	
NAV8					
REFERENCE				IN	OUT
				8/22/19 10:04 am	8/22/19 10:04 am

CONTRACT: 19052B RIZZO FARM C SOIL			GROSS 76,240.00LBS Scale In				
BOL:			TARE 29,520.00LBS Tare Out				
NET 46,720.00 LBS							
QTY	UNIT	DESCRIPTION	ORIGIN	%	RATE	TAX	TOTAL
23.36	TN	C-Soil 33B@Pet LubeGS-ADC-EXT	EX	100.00			

CERTIFIED WEIGHT TICKET

I hereby certify that this load does not contain any unauthorized hazardous waste.

SIGNATURE:



Total
Paid
Change
Check#
Recpt #

CUSTOMER COPY

CRANBERRY CREEK LANDFILL
2510 ENGEL ROAD
WIS RAPIDS, WI 54495
7159973136

001017
SEYMOUR ENVIRONMENTAL SERVICES INC
2531 DYRESON RD
MC FARLAND, WI 53558

INVOICE
INBOUND

SITE	CELL	TICKET #		OPERATOR	
D1		579167		41731	
TRUCK		CONTAINER		LICENSE	
NAV2					
REFERENCE				IN	OUT
				8/22/19 10:06 am	8/22/19 10:25 am

CONTRACT: 19052B RIZZO FARM C SOIL
BOL:

GROSS 76,920.00LBS Scale In
TARE 30,000.00LBS Scale Out
NET 46,920.00 LBS

QTY	UNIT	DESCRIPTION	ORIGIN	%	RATE	TAX	TOTAL
23.46	TN	C-Soil 33B@Pet LubeGS-ADC-EXT	EX	100.00			

CERTIFIED WEIGHT TICKET

I hereby certify that this load does not contain any unauthorized hazardous waste.

SIGNATURE: Howard Schatz

Total
Paid
Change
Check#
Recpt #

CUSTOMER COPY

CRANBERRY CREEK LANDFILL
2510 ENGEL ROAD
WIS RAPIDS, WI 54495
7159973136

001017
SEYMOUR ENVIRONMENTAL SERVICES INC
2531 DYRESON RD
MC FARLAND, WI 53558

INVOICE
INBOUND

SITE		CELL	TICKET #	OPERATOR	
D1			579198	41731	
TRUCK		CONTAINER		LICENSE	
NAV3					
REFERENCE				IN	OUT
				8/22/19 12:50 pm	8/22/19 12:50 pm

CONTRACT: 19052B RIZZO FARM C SOIL			GROSS 75,240.00LBS Scale In				
BOL:			TARE 29,180.00LBS Tare Out				
NET 46,060.00 LBS							
QTY	UNIT	DESCRIPTION	ORIGIN	%	RATE	TAX	TOTAL
23.03	TN	C-Soil 33B@Pet LubeGS-ADC-EXT	EX	100.00			

CERTIFIED WEIGHT TICKET

I hereby certify that this load does not contain any unauthorized hazardous waste.

SIGNATURE: Duell

Total
Paid
Change
Check#
Recpt #

CUSTOMER COPY

CRANBERRY CREEK LANDFILL
2510 ENGEL ROAD
WIS RAPIDS, WI 54495
7159973136

001017
SEYMOUR ENVIRONMENTAL SERVICES INC
2531 DYRESON RD
MC FARLAND, WI 53558

INVOICE
INBOUND

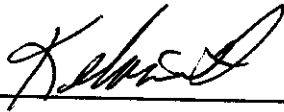
SITE	CELL	TICKET #		OPERATOR	
D1		579234		41731	
TRUCK		CONTAINER		LICENSE	
NAVIS8					
REFERENCE				IN	OUT
				8/22/19 3:11 pm	8/22/19 3:14 pm

CONTRACT: 19052B RIZZO FARM C SOIL			GROSS 70,820.00LBS Scale In				
BOL:			TARE 29,520.00LBS Tare Out				
			NET 41,300.00LBS				
QTY	UNIT	DESCRIPTION	ORIGIN	%	RATE	TAX	TOTAL
20.65	TN	C-Soil 33B@Pet LubeGS-ADC-EXT	EX	100.00			

CERTIFIED WEIGHT TICKET

I hereby certify that this load does not contain any unauthorized hazardous waste.

SIGNATURE: _____



Total
Paid
Change
Check#
Recpt #

CUSTOMER COPY

CRANBERRY CREEK LANDFILL
2510 ENGEL ROAD
WIS RAPIDS, WI 54495
7159973136

001017
SEYMOUR ENVIRONMENTAL SERVICES INC
2531 DYRESON RD
MC FARLAND, WI 53558

INVOICE
INBOUND

SITE	CELL	TICKET #		OPERATOR	
D1		579235		41731	
TRUCK		CONTAINER		LICENSE	
NAV2					
REFERENCE				IN	OUT
				8/22/19 3:15 pm	8/22/19 3:15 pm

CONTRACT: 19052B RIZZO FARM C SOIL			GROSS 74,080.00LBS Scale In				
BOL:			TARE 30,000.00LBS Tare Out				
			NET 44,080.00 LBS				
QTY	UNIT	DESCRIPTION	ORIGIN	%	RATE	TAX	TOTAL
22.04	TN	C-Soil 33B@Pet LubeGS-ADC-EXT	EX	100.00			

CERTIFIED WEIGHT TICKET

I hereby certify that this load does not contain any unauthorized hazardous waste.

SIGNATURE: Howard Schuch

Total
Paid
Change
Check#
Recpt #

CUSTOMER COPY

CRANBERRY CREEK LANDFILL
2510 ENGEL ROAD
WIS RAPIDS, WI 54495
7159973136

001017
SEYMOUR ENVIRONMENTAL SERVICES INC
2531 DYRESON RD
MC FARLAND, WI 53558

INVOICE
INBOUND

SITE		CELL	TICKET #	OPERATOR	
D1			579249	41731	
TRUCK			CONTAINER	LICENSE	
NAV3					
REFERENCE				IN	OUT
				8/23/19 6:03 am	8/23/19 6:03 am

CONTRACT: 19052B RIZZO FARM C SOIL

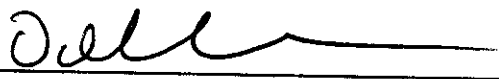
BOL:

GROSS 74,560.00LBS Scale In
TARE 29,180.00LBS Tare Out
NET 45,380.00 LBS

QTY	UNIT	DESCRIPTION	ORIGIN	%	RATE	TAX	TOTAL
22.69	TN	C-Soil 33B@Pet LubeGS-ADC-EXT	EX	100.00			

CERTIFIED WEIGHT TICKET

I hereby certify that this load does not contain any unauthorized hazardous waste.

SIGNATURE: 

Total
Paid
Change
Check#
Recpt #

CUSTOMER COPY

CRANBERRY CREEK LANDFILL
2510 ENGEL ROAD
WIS RAPIDS, WI 54495
7159973136

001017
SEYMOUR ENVIRONMENTAL SERVICES INC
2531 DYRESON RD
MC FARLAND, WI 53558

INVOICE
INBOUND

SITE	CELL	TICKET #	OPERATOR
D1		579299	41731
TRUCK		CONTAINER	LICENSE
NAV3			
REFERENCE			IN OUT
			8/23/19 8/23/19 11:10 am 11:10 am

CONTRACT: 19052B RIZZO FARM C SOIL

BOL:

GROSS 81,680.00LBS Scale In
TARE 29,180.00LBS Tare Out
NET 52,500.00 LBS

QTY	UNIT	DESCRIPTION	ORIGIN	%	RATE	TAX	TOTAL
26.25	TN	C-Soil 33B@Pet LubeGS-ADC-EXT	EX	100.00			

CERTIFIED WEIGHT TICKET

I hereby certify that this load does not contain any unauthorized hazardous waste.

Total
Paid
Change
Check#
Recpt #

SIGNATURE:

CUSTOMER COPY