



LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT

For

**Stetsonville Oil Clark
115 STH 13
Village of Stetsonville, Taylor County, Wisconsin**

Prepared For

**Mr. Chris Piotrowski
Medford Cooperative, Inc.
309 E. Main Street
Hortonville, Wisconsin 54944**

Prepared By

**Endeavor Environmental Services, Inc.
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Green Bay, Wisconsin 54313**

Project No. P223016.20

February 28, 2022



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EXECUTIVE SUMMARY

Endeavor Environmental Services, Inc. (Endeavor) was authorized to complete a Limited Phase II Environmental Site Assessment (ESA) by Mr. Chris Piotrowski of Medford Cooperative (Client) at Stetsonville Oil Clark ("Subject Property") located at 115 STH 13, Village of Stetsonville, Taylor County, Wisconsin. Mr. Piotrowski authorized Limited Phase II ESA activities on February 9, 2022.

On February 9, 2022, Endeavor initiated Limited Phase II ESA activities at the subject property. The purpose of the Limited Phase II ESA was to evaluate the soil and/or groundwater at the site for potential impacts of the *recognized environmental conditions* (RECs) identified in a Phase I Environmental Site Assessment (ESA) dated February 8, 2022, completed per ASTM 1527-13 guidelines by Endeavor. The Limited Phase II ESA included installation of five soil borings by Geoprobe drilling methods. Field activities included the collection of soil samples for laboratory analysis of petroleum volatile organic compounds (PVOCs) plus naphthalene. Based on geologic conditions encountered during drilling, small diameter temporary wells were constructed in each soil boring location. Endeavor personnel purged via peristaltic pump and sampled the small diameter wells via hand bailer. Groundwater samples were preserved and submitted for PVOC plus naphthalene analysis. ESA field activities identified geologic site conditions to consist primarily of sandy loam with isolated areas of loamy sand to the maximum boring depth of 16 feet below ground surface (bgs). Bedrock was not encountered during site drilling activities.

Nine soil samples were appropriately preserved and submitted to Pace Analytical (Pace) of Green Bay, Wisconsin, for PVOC plus naphthalene analysis. Soil sample GP-4, S-3 reported detections of ethylbenzene (280 ppb), total xylenes (340 ppb), 1,2,4-trimethylbenzene (TMB) (2,630 ppb), 1,3,5-TMB (1,720 ppb) and naphthalene (153 ppb). Soil sample GP-4, S-6 reported detections of ethylbenzene (130 ppb), total xylenes (88 ppb), 1,2,4-TMB (1,780 ppb) and 1,3,5-TMB (1,200 ppb). Soil sample GP-5, S-4 reported a detection of ethylbenzene (103 ppb). Soil sample GP-5, S-6 reported detections of benzene (404 ppb), ethylbenzene (16,200 ppb), toluene (987 ppb), total xylenes (63,200 ppb), 1,2,4-TMB (53,700 ppb), 1,3,5-TMB (16,600 ppb) and naphthalene (5,990 ppb). All other soil samples and analyzed constituents reported no detections above their respective laboratory reporting limits.

Five groundwater samples were appropriately preserved and submitted to Pace for PVOC plus naphthalene analysis. Groundwater sample GP-1 reported detections of ethylbenzene (1.5 ppb), toluene (1.3 ppb), total xylenes (3.4 ppb) and total TMBs (0.66 ppb). Groundwater sample GP-2 reported a detection of benzene (0.36 ppb). Groundwater sample GP-3 reported detections of benzene (0.81 ppb), ethylbenzene (26.6 ppb), total xylenes (10.8 ppb), total TMBs (170.4 ppb) and naphthalene (2.9 ppb). Groundwater sample GP-4 reported detections of benzene (1,200 ppb), ethylbenzene (3,940 ppb), toluene (945 ppb), total xylenes (19,600 ppb), total TMBs (7,120 ppb) and naphthalene (2,150 ppb). Groundwater sample GP-5 reported detections of benzene (36.4 ppb), ethylbenzene (637 ppb), toluene (31.4 ppb), total xylenes (1,897 ppb), total



TMBs (2,041 ppb) and naphthalene (480 ppb). All remaining analyzed constituents reported no detections above their respective laboratory reporting limits.

The Limited Phase II ESA soil and groundwater sampling activities reported high level detections of select petroleum constituents above their respective regulatory guidelines and above their respective laboratory reporting limits.

The subject property is the location of a closed LUST case (BRRTS No. 03-61-000357) which has residual contamination across the site.

It is Endeavor's opinion that the information and findings obtained during completion of this assessment be provided to the WDNR for review. The Department will review and determine whether the identified contamination is residual associated with the closed case or contamination which will require additional investigation.

1.0 INTRODUCTION AND SCOPE OF SERVICES

In accordance with our proposal dated February 9, 2022, and accepted on February 9, 2022, Endeavor performed a Limited Phase II ESA of the Stetsonville Oil Clark located at 115 STH 13, Village of Stetsonville, Taylor County, Wisconsin, for the client.

The purpose of this Limited Phase II ESA was to perform an evaluation of select potential impacts at the property as identified in a Phase I ESA completed for the property. This assessment does not include an assessment of other types of hazards, such as geologic hazards, in the area of the property. This report is complete only as an entire document, and no sections are intended to be used separately.

This document was prepared for the sole use of the client, the only intended beneficiary of Endeavor's work. No other party should rely on the information contained herein without the prior written consent of the client or Endeavor.

2.0 OBJECTIVES AND LIMITATIONS OF ASSESSMENT

This Limited Phase II ESA does not include inquiry into, radon, asbestos, lead-based paint, lead in drinking water, wetlands, regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality and high voltage power lines. Endeavor makes no implications as to the relative importance of inquiry into the above-mentioned non-scope considerations.

The findings and opinions presented in this Limited Phase II ESA report are based upon information obtained at a particular date from a variety of sources enumerated herein. Endeavor cannot and does not warrant the authenticity or reliability of the information sources it has relied upon.



This report represents Endeavor's service to the client as of the report date. Opinions relative to the environmental conditions given in this report are based upon information derived from the most recent site reconnaissance and exploration date and from other activities described herein. The client is herewith advised that the conditions observed by Endeavor are subject to change. Certain indicators of the presence of hazardous materials may have been latent or not present at the time of the most recent field activities and may have subsequently become observable. In similar manner, the research effort conducted for a Phase II is limited. Accordingly, it is possible that Endeavor's research, while fully appropriate for a Limited Phase II ESA and accordingly to the scope of services, may not include other important information sources. Assuming such sources exist, their information could not have been considered in the formulation of our findings and conclusions.

This report is not a comprehensive site characterization or regulatory compliance audit and should not be construed as such. The opinions presented in this report are based upon findings derived from site reconnaissance and field activities completed on the outlined date, a review of specific records and sources and comments made by interviewees. Specifically, Endeavor does not and cannot represent that the site contains no hazardous or toxic materials, products, or other latent conditions beyond that observed by Endeavor during its Limited Phase II ESA. Furthermore, the services herein shall in no way be construed, designed, or intended to be relied upon as legal interpretation or advice. In addition, we make no determination or recommendation regarding the decision to purchase or provide financing for this property.

3.0 SITE BACKGROUND

The results of the Phase I ESA are documented in the Endeavor report dated February 8, 2022, entitled "Phase I Environmental Site Assessment Report for Stetsonville Oil Clark, 115 STH 13, Village of Stetsonville, Taylor County, Wisconsin".

Based on the results of the Phase I ESA, evidence of "*recognized environmental conditions*" were concluded to exist at the subject property. The conditions were described as the following:

- Presence and use of the petroleum storage and distribution system and identification on the UST database;
- The conditional closure (BRRTS No. 03-61-000357) is considered a *controlled recognized environmental condition* in connection with the subject property.

The following information was obtained from the aforementioned Phase I ESA.

3.1 Location and Description

The subject property consists of two parcels with parcel identification numbers (PIN) of 181-00083-0004 (Parcel A) and 181-00083-0005 (Parcel B). The physical address is 115



STH 13, Stetsonville, Taylor County, Wisconsin, respectively. Figure 1 illustrates the site location.

The approximate coordinates of subject property are as follows:

Latitude: 45.0767032 Longitude: -90.3151775

3.2 Description

The following provides a description of the subject property as of February 3, 2022, the date of the site reconnaissance. Figure 2 illustrates the Site Plan View.

The subject property consists of the two parcels above referenced parcels. Parcel A contains a single structure (approximately 3,575 ft²) located in the southwest portion of the parcel and is divided into a convenience store and a light auto service area. The convenience store has retail sales floor, walk-in cooler, storage and office space. The auto service area has a single service bay with an above grade vehicle hoist, storage area and a customer reception area. The area north, east and south of the building is paved. An underground storage tank (UST) basin is located north of the convenience store and contains the following five USTs: 10,000-gallon diesel (ID No. 108902), two 10,000-gallon unleaded gasoline (ID Nos. 110664 & 110799), one 12,000-gallon diesel (ID No. 111527) and a 12,000-gallon unleaded gasoline (ID No. 112915). A canopy with three dispenser islands is located east of the site building along the STH 13 right-of-way. An unloading rack is located west of the UST basin. Parcel B portion of the subject property is fully paved and contains no structures.

The subject property is serviced by the following public utilities: municipal sewer and water, electric, telephone and natural gas. Natural gas is the heating fuel source for the subject property.

The subject property is bordered on the north, east and west by CTH A, STH 13 and Wisconsin Central rail rights-of-way, respectively. Surrounding land use is a mix of vacant, governmental and commercial uses.

3.2 Site Geology

According to the United States Department of Agriculture, Natural Resource Conservation Service's Web Soil Survey, the site soils consist entirely of Withee silt loam (356A), 0 to 3 percent slopes.

According to the Bedrock Geology of Wisconsin, University of Wisconsin- Extension Geological and Natural History Survey, date 1982, the site bedrock conditions are described as Precambrian rocks of the Intrusive system. Mafic, intermediate and felsic metavolcanic rocks with subordinate metasedimentary rocks; dominantly of greenschist metamorphic facies; more than one metavolcanic sequence is recognized; widely



FIGURE 1 - SITE LOCATION



Legend

+ Railroads

0.0 0 0.0 Miles

1: 990



NAD_1983_HARN_Wisconsin_TM

DISCLAIMER: The information shown on these maps has been obtained from various sources, and are of varying age, reliability and resolution. These maps are not intended to be used for navigation, nor are these maps an authoritative source of information about legal land ownership or public access. No warranty, expressed or implied, is made regarding accuracy, applicability for a particular use, completeness, or legality of the information depicted on this map. For more information, see the DNR Legal Notices web page: <http://dnr.wi.gov/org/legal/>

Note: Not all sites are mapped.

Notes

Dashed yellow line denotes the approximate subject property boundary. A - PIN 181-00083-0004; B - PIN 181-00083-0005



FIGURE 2 - SITE PLAN VIEW



Legend

— Railroads

0.0 0 0.02 0.0 Miles

NAD_1983_HARN_Wisconsin_TM

1: 990

DISCLAIMER: The information shown on these maps has been obtained from various sources, and are of varying age, reliability and resolution. These maps are not intended to be used for navigation, nor are these maps an authoritative source of information about legal land ownership or public access. No warranty, expressed or implied, is made regarding accuracy, applicability for a particular use, completeness, or legality of the information depicted on this map. For more information, see the DNR Legal Notices web page: <http://dnr.wi.gov/legal/>

Note: Not all sites are mapped.

Notes

A: PIN 181-00083-0004; B: PIN 181-00083-0005;
C-UST basin; D-Loading rack; E-Canopy with dispensers; F-Service bay; G-Convenience store



distributed in north central areas. Depth to bedrock is estimated to be 15-30 meter below ground surface.

4.0 SITE INVESTIGATION

On February 9, 2022, Endeavor personnel initiated a Phase II ESA at the subject property. The purpose of the ESA was to evaluate the soil and/or groundwater at the subject property with respect to the "*recognized environmental conditions*" identified in Section 3.0 of this report.

4.1 Soil Boring Activities

Endeavor personnel coordinated installation of five Geoprobe soil borings (GP-1 thru GP-5) by Geiss Soil and Sampling, LLC, of Merrill, Wisconsin, on the subject property. Figure 3 illustrates the boring configuration. The soil sampling activities extended to a maximum of 16 feet bgs.

Based on field observations and field screening activities, a minimum of one soil sample from each boring location were appropriately preserved and submitted to Pace for PVOC plus naphthalene analysis. Upon completion of site sampling activities and observation of the encountered geologic conditions, a temporary groundwater monitoring well was placed in each boring location. Endeavor personnel purged the small diameter monitoring wells via peristaltic pump and a hand bailer was used to collect a groundwater sample from each of the boring locations. The groundwater samples were preserved and submitted to Pace for PVOC plus naphthalene analysis.

All boring locations were properly abandoned per WDNR requirements upon completion of sampling activities. WDNR Soil Boring Logs, Well Construction and Borehole Abandonment Forms can be found in Appendix A.

5.0 LABORATORY ANALYTICAL RESULTS

5.1 Soil Sample Laboratory Analytical Results

Nine soil samples were appropriately preserved and submitted to Pace for PVOC plus naphthalene analysis. Soil sample GP-4, S-3 reported detections of ethylbenzene (280 ppb), total xylenes (340 ppb), 1,2,4-TMB (2,630 ppb), 1,3,5-TMB (1,720 ppb) and naphthalene (153 ppb). Soil sample GP-4, S-6 reported detections of ethylbenzene (130 ppb), total xylenes (88 ppb), 1,2,4-TMB (1,780 ppb) and 1,3,5-TMB (1,200 ppb). Soil sample GP-5, S-4 reported detections of ethylbenzene (103 ppb). Soil sample GP-5, S-6 reported detections of benzene (404 ppb), ethylbenzene (16,200 ppb), toluene (987 ppb), total xylenes (63,200 ppb), 1,2,4-TMB (53,700 ppb), 1,3,5-TMB (16,600 ppb) and naphthalene (5,990 ppb). All other soil samples and analyzed constituents reported no detections above their respective laboratory reporting limits. Soil analytical results can be found in Table 1. The soil sample laboratory analytical report can be found in Appendix B.

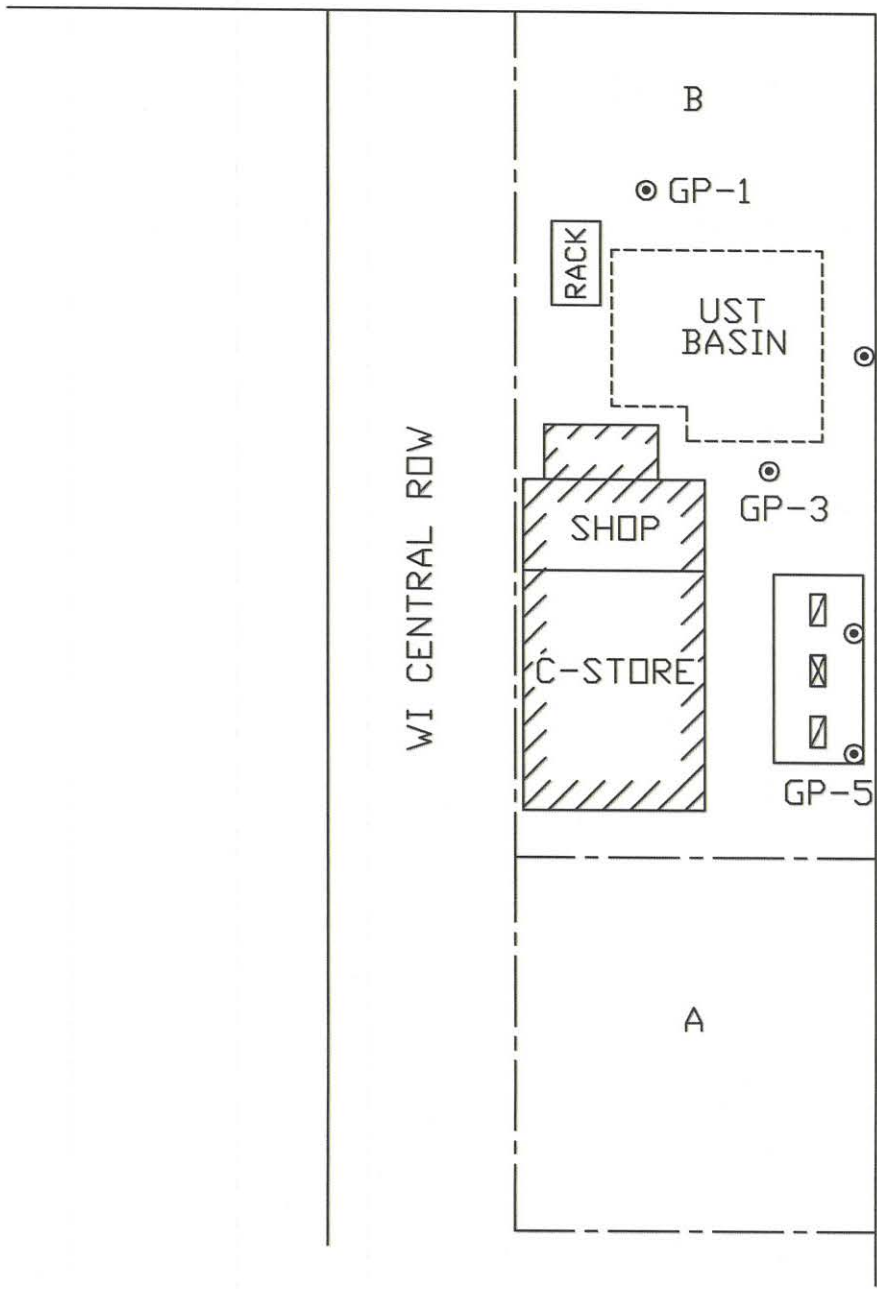
W. COUNTY HWY A



WI CENTRAL ROW

STH 13

STH 13



A - PIN 181-00083-0005
B - PIN 181-00083-0004

LEGEND

- APPROXIMATE PROPERTY LINE
- ⊙ SOIL BORING W/SMALL DIAMETER MONITORING WELL

FIGURE 3
BORING CONFIGURATION
STETSONVILLE OIL CLARK
STETSONVILLE, WISCONSIN

SCALE	SHEET NO.	DWG NO.	DATE	SIZE	DRWN BY	FILE	REVISED	DATE
1" = 40'	1 OF 1	P223016.20.3.1	3/1/22	A	SVD	611		

Table 1
Soil Analytical Results
Stetsonville Oil Clark
Stetsonville, Wisconsin

Sample ID	Sample Date	Sample Depth (feet bgs)	PID (ppm eq)	Benzene	Ethyl- benzene	Toluene	Total Xylenes	1,2,4-TMB	1,3,5-TMB	MTBE	Naphthalene
GP-1, S-4	2/9/2022	6.0 - 8.0	4.2	<16.0	<16.0	<16.9	<48.4	<20.0	<21.6	<19.7	<20.9
GP-1, S-6	2/9/2022	10.0 - 12.0	2.1	<15.5	<15.5	<16.4	<47.0	<19.4	<21.0	<19.2	<20.3
GP-2, S-6	2/9/2022	10.0 - 12.0	2.1	<15.3	<15.3	<16.1	<46.2	<19.1	<20.6	<18.8	<20.0
GP-3, S-5	2/9/2022	8.0 - 10.0	7.4	<16.0	<16.0	<16.9	<48.4	<20.0	<21.6	<19.7	<20.9
GP-3, S-6	2/9/2022	10.0 - 12.0	3.1	<15.0	<15.0	<15.9	<45.4	<18.7	<20.3	<18.5	<19.6
GP-4, S-3	2/9/2022	4.0 - 6.0	255	<16.2	280	<17.2	340	2,630	1,720	<20.0	153 J
GP-4, S-6	2/9/2022	10.0 - 12.0	343	<14.7	130	<15.5	88.0 J	1,780	1,200	<18.1	<19.2
GP-5, S-4	2/9/2022	6.0 - 8.0	57	<15.5	103	<16.4	<47.0	<19.4	<21.0	<19.2	<20.3
GP-5, S-6	2/9/2022	10.0 - 12.0	336	404 J	16,200	987 J	63,200	53,700	16,600	<360	5,990 J
Calculated RCLs (groundwater protection)				5.1	1,570	1,107	3,960	1,382		27	658.2
Calculated RCLs (direct contact/non-industrial site)				1,600	8,020	818,000	260,000	219,000	182,000	63,800	5,520
Calculated RCLs (direct contact/industrial site)				7,070	35,400	818,000	260,000	219,000	NS	282,000	24,100
Cancer RCL (non-industrial site)				1,600	8,020	NS	NS	NS	NS	63,800	5,520
Non Cancer RCL (non-industrial)				106,000	4,080,000	5,240,000	818,000	373,000	339,000	22,100,000	178,000
Cancer RCL (industrial site)				7,070	35,400	NS	NS	NS	NS	282,000	24,100
Non Cancer RCL (industrial)				587,000	27,400,000	55,300,000	3,570,000	2,390,000	2,060,000	93,000,000	830,000

Notes: Bold value represents an exceedence of its respective Calculated RCL (groundwater protection)
 Italicized value represents an exceedence of its respective Calculated RCLs (direct contact/ non-industrial site)
 (J): Estimated concentration at or above the LOD and below the LOQ
 Calculated RCLs were found on the WDNR on-line RCL Spreadsheet updated December 2018.
 All concentrations reported are in parts per billion (ug/kg)

bgs: below ground surface
 PID: photoionization detector
 ppm eq: parts per million equivalent
 TMB: trimethylbenzene
 MTBE: methyl t-butyl ether



5.2 Groundwater Sample Laboratory Analytical Results

Five groundwater samples were appropriately preserved and submitted to Pace for PVOC plus naphthalene analysis. Groundwater sample GP-1 reported detections of ethylbenzene (1.5 ppb), toluene (1.3 ppb), total xylenes (3.4 ppb) and total TMBs (0.66 ppb). Groundwater sample GP-2 reported a detection of benzene (0.36 ppb). Groundwater sample GP-3 reported detections of benzene (0.81 ppb), ethylbenzene (26.6 ppb), total xylenes (10.8 ppb), total TMBs (170.4 ppb) and naphthalene (2.9 ppb). Groundwater sample GP-4 reported detections of benzene (1,200 ppb), ethylbenzene (3,940 ppb), toluene (945 ppb), total xylenes (19,600 ppb), total TMBs (7,120 ppb) and naphthalene (2,150 ppb). Groundwater sample GP-5 reported detections of benzene (36.4 ppb), ethylbenzene (637 ppb), toluene (31.4 ppb), total xylenes (1,897 ppb), total TMBs (2,041 ppb) and naphthalene (480 ppb). All remaining analyzed constituents reported no detections above their respective laboratory reporting limits. Groundwater analytical results can be found in Table 2. The groundwater sample laboratory analytical report can be found in Appendix C.

6.0 SUMMARY AND CONCLUSIONS

The Limited Phase II ESA soil and groundwater sampling activities reported high level detections of select petroleum constituents above their respective regulatory guidelines and above their respective laboratory reporting limits.

The subject property is the location of a closed LUST case (BRRTS No. 03-61-000357) which has residual contamination across the site.

It is Endeavor's opinion that the information and findings obtained during completion of this assessment be provided to the WDNR for review. The Department will review and determine whether the identified contamination is residual associated with the closed case or contamination which will require additional investigation.

Table 2
Groundwater Analytical Results
Stetsonville Oil Clark
Stetsonville, Wisconsin

Sample ID	Sample Date	Benzene	Ethyl- benzene	Toluene	Total Xylenes	Total TMBs	MTBE	Naphthalene
GP-1	2/9/2022	<0.30	1.5	1.3	3.4	0.66 J	<1.1	<1.1
GP-2	2/9/2022	0.36 J	<0.33	<0.29	<1.05	<0.81	<1.1	<1.1
GP-3	2/9/2022	0.81 J	26.6	<0.29	10.8	170.4	<1.1	2.9 J
GP-4	2/9/2022	1,200	3,940	945	19,600	7,120	<45.2	2,150
GP-5	2/9/2022	36.4	637	31.4	1,897	2,041	<11.3	480
NR 140 enforcement standard		5	700	800	2,000	480	60	100
NR 140 preventive action limit		0.5	140	160	400	96	12	10

Notes:

All concentrations reported are in parts per billion (ug/L)

(J): Estimated concentration at or above the LOD and below the LOQ.

 Represents an exceedence of the Enforcement Standard.

 Represents an exceedence of the preventive action limit.

TMB: trimethylbenzene

MTBE: methyl tert-butyl ether

NA: Not analyzed

NS: No standard



7.0 LIMITATIONS

The above-described site activities were conducted in accordance with accepted practices for the environmental consulting profession. Information provided by others was accepted as true and complete. The information in this report applies only to the subject property, as it exists at the time of the outlined field activities.

Endeavor has performed this Limited Phase II ESA in conformance with the scope and limitations of ASTM E1903-11 of Stetsonville Oil Clark located at 115 STH 13, Village of Stetsonville, Taylor County, Wisconsin – subject property.

A handwritten signature in black ink, appearing to read "J. M. Ramcheck", is positioned above the printed name.

Joseph M. Ramcheck, P.H.
Report Preparer/Senior Hydrologist

I, Joseph Ramcheck, declare that, to the best of my professional knowledge and belief, I meet the definition of *Environmental Professional* as defined in §312.10 of 40 CFR Part 312 and I have specific qualifications based on education, training, and experience to assess a *property* of the nature, history, and setting of the subject *property*. I have developed and performed the all appropriate inquires in conformance with the standards and practices set forth in 40 CFR Part312.



8.0 REFERENCES

ASTM 2011. ASTM Standards on Environmental Site Assessments: Phase II Environmental Site Assessment Process. E 1903-11 Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process, West Conshohocken, Pennsylvania.

Endeavor. 2022. "Phase I Environmental Site Assessment for Stetsonville Oil Clark, 115 STH 13, Village of Stetsonville, Taylor County, Wisconsin". Endeavor Environmental Services, Inc. Green Bay, Wisconsin.



APPENDIX A

WDR Forms

Route To: Watershed/Wastewater Waste Management
Remediation/Revelopment Other

Page 1 of 1

Facility/Project Name <i>Stetsenville Oil Clark</i>		License/Permit/Monitoring Number	Boring Number <i>GP-1</i>
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: <i>Eric</i> Last Name: <i>Belgram</i>		Date Drilling Started <i>02.09.2022</i>	Date Drilling Completed <i>02.09.2022</i>
Firm: <i>Geiss Soil Services, LLC</i>		Drilling Method <i>Geoprobe</i>	
WI Unique Well No.	DNR Well ID No.	Well Name <i>GP-1</i>	Borehole Diameter <i>2</i> inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>		Final Static Water Level ____ Feet MSL	Surface Elevation ____ Feet MSL
State Plane _____ N, _____ E		Lat _____ ' "	Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W
<i>NE 1/4 of NE 1/4 of Section 24, T 30 N, R 01 E</i>		Long _____ ' "	
Facility ID <i>86104470</i>	County <i>Taylor</i>	County Code <i>60</i>	Civil Town/City/ or Village <i>Stetsenville</i>

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PTD/FID	Soil Properties					P 200	RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index			
S-1	18	NA	0 - 2	Asphalt / 10" gravel brown, sandy loam	PA/PZ ML-SM										
S-2	20		2 - 4	↓				2.1							
S-3	24		4 - 6					2.1							
S-4	24		6 - 8					4.2						Lab Sample	
S-5	24		8 - 10					2.1							
S-6	24		10 - 12											Lab Sample	
S-7	24		12 - 14												
S-8	24		14 - 16												
					EOB @ 16 ft bss										

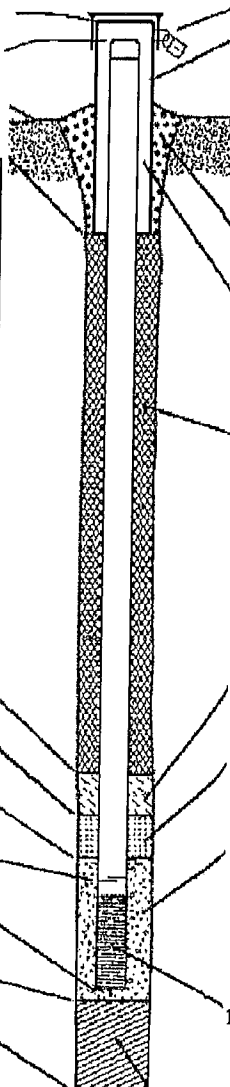
I hereby certify that the information on this form is true and correct to the best of my knowledge.
Signature *[Signature]* Firm *Endeavor Env. Services, Inc.*

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Route to: Watershed/Wastewater Waste Management
 Remediation/Redevelopment Other

Facility/Project Name Stetsonville Oil Clark		Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> E. <input type="checkbox"/> S. <input type="checkbox"/> W.		Well Name GP-1	
Facility License, Permit or Monitoring No.		Local Grid Origin (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/>		Wis. Unique Well No. DNR Well ID No.	
Facility ID		St. Plane _____ ft. N, _____ ft. E, S/C/N		Date Well Installed 0210912022 m m d d y y v v y	
Type of Well		Section Location of Waste/Source NE 1/4 of NE 1/4 of Sec. 24, T. 30 N, R. 01 <input checked="" type="checkbox"/> E <input type="checkbox"/> W		Well Installed By: Name (first, last) and Firm Eric Beltran Geo's Soil Samples LLC	
Well Code _____ / _____		Location of Well Relative to Waste/Source		Gov. Lot Number	
Distance from Waste/Source _____ ft.		u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known			

A. Protective pipe, top elevation _____ ft. MSL	1. Cap and lock? <input type="checkbox"/> Yes <input type="checkbox"/> No
B. Well casing, top elevation _____ ft. MSL	2. Protective cover pipe: a. Inside diameter: _____ in. b. Length: _____ ft. c. Material: Steel <input type="checkbox"/> 04 Other <input type="checkbox"/>
C. Land surface elevation _____ ft. MSL	d. Additional protection? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe: _____
D. Surface seal, bottom _____ ft. MSL or _____ ft.	3. Surface seal: Bentonite <input type="checkbox"/> 30 Concrete <input type="checkbox"/> 01 Other <input type="checkbox"/>
12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input checked="" type="checkbox"/> SC <input type="checkbox"/> ML <input checked="" type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/>	
13. Sieve analysis performed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input type="checkbox"/> 41 Geopipe Other <input checked="" type="checkbox"/>	
15. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99	
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Describe N/A	
17. Source of water (attach analysis, if required): N/A	
E. Bentonite seal, top _____ ft. MSL or _____ ft.	4. Material between well casing and protective pipe: Bentonite <input type="checkbox"/> 30 Other <input type="checkbox"/>
F. Fine sand, top _____ ft. MSL or _____ ft.	5. Annular space seal: a. Granular/Chipped Bentonite <input type="checkbox"/> 33 b. _____ Lbs/gal mud weight ... Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight ... Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite ... Bentonite-cement grout <input type="checkbox"/> 50 e. _____ Ft ³ volume added for any of the above
G. Filter pack, top _____ ft. MSL or _____ ft.	f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input type="checkbox"/> 08
H. Screen joint, top _____ ft. MSL or 6.0 ft.	6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input type="checkbox"/> 32 c. _____ Other <input type="checkbox"/>
I. Well bottom _____ ft. MSL or 16.0 ft.	7. Fine sand material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft ³
J. Filter pack, bottom _____ ft. MSL or 16.0 ft.	8. Filter pack material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft ³
K. Borehole, bottom _____ ft. MSL or 16.0 ft.	9. Well casing: Flush threaded PVC schedule 40 <input type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/>
L. Borehole, diameter 2.07 in.	10. Screen material: _____ a. Screen type: Factory cut <input type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/>
M. O.D. well casing 1.25 in.	b. Manufacturer _____ c. Slot size: _____ 0. _____ in. d. Slotted length: _____ ft.
N. I.D. well casing 1.0 in.	11. Backfill material (below filter pack): None <input type="checkbox"/> 14 Other <input type="checkbox"/>



I hereby certify that the information on this form is true and correct to the best of my knowledge.
Signature [Signature] Firm Endeavor Env. Services, Inc

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

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Route to DNR Bureau:

Verification Only of Fill and Seal

Drinking Water

Watershed/Wastewater

Remediation/Redevelopment

Waste Management

Other: _____

1. Well Location Information

County <i>Taylor</i>	WI Unique Well # of Removed Well	HiCap #
Latitude / Longitude (see instructions) N _____ W _____	Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001
1/4 1/4 <i>NE</i> 1/4 <i>NE</i> or Gov't Lot #	Section <i>24</i>	Township <i>30 N</i>
Well Street Address <i>115 5TH B</i>	Range <i>01</i>	<input checked="" type="checkbox"/> E <input type="checkbox"/> W
Well City, Village or Town <i>Stetsonville</i>	Well ZIP Code <i>54480</i>	
Subdivision Name	Lot #	

2. Facility / Owner Information

Facility Name <i>Stetsonville Oil Clark</i>		
Facility ID (FID or PWS)		
License/Permit/Monitoring # <i>GP-1</i>		
Original Well Owner <i>Medford Cooperative, Inc.</i>		
Present Well Owner		
Mailing Address of Present Owner <i>160 Medford Plaza</i>		
City of Present Owner <i>Medford</i>	State <i>WI</i>	ZIP Code <i>54451</i>

Reason for Removal from Service <i>Temporary borings</i>	WI Unique Well # of Replacement Well
---	--------------------------------------

3. Filled & Sealed Well / Drillhole / Borehole Information

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <i>02/09/2022</i>
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.
Construction Type:	
<input type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)
<input checked="" type="checkbox"/> Other (specify): <i>Geopipe</i>	<input type="checkbox"/> Dug
Formation Type:	
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock
Total Well Depth From Ground Surface (ft.) <i>16</i>	Casing Diameter (in.) <i>1.0</i>
Lower Drillhole Diameter (in.) <i>2</i>	Casing Depth (ft.) <i>6.0</i>
Was well annular space grouted?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown
If yes, to what depth (feet)?	Depth to Water (feet)

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Screen removed?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Required Method of Placing Sealing Material	
<input type="checkbox"/> Conductor Pipe-Gravty	<input type="checkbox"/> Conductor Pipe-Pumped
<input type="checkbox"/> Screened & Poured (Bentonite Chips)	<input checked="" type="checkbox"/> Other (Explain): <i>gravity</i>
Sealing Materials	
<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input type="checkbox"/> Bentonite Chips
For Monitoring Wells and Monitoring Well Boreholes Only:	
<input checked="" type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<i>Asphalt</i>	Surface	<i>0.5</i>	<i>0.01</i>	<i>1008</i>
<i>chipped bentonite</i>	<i>0.5</i>	<i>16.0</i>	<i>0.34</i>	<i>1008</i>

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing <i>Enderbor Env. Serv. Inc.</i>	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <i>02/09/2022</i>	DNR Use Only	
Street or Route <i>2250-B Salscheider Court</i>	Telephone Number <i>(920) 437-2997</i>	Comments	Date Received	Noted By
City <i>Green Bay</i>	State <i>WI</i>	ZIP Code <i>54813</i>	Signature of Person Doing Work <i>[Signature]</i>	Date Signed <i>02/28/2022</i>

Route To: Watershed/Wastewater Waste Management
Remediation/Revelopment Other

Page 1 of 1

Facility/Project Name <u>Stetsenville Oil Clark</u>			License/Permit/Monitoring Number		Boring Number <u>GP-2</u>
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: <u>Eric</u> Last Name: <u>Belgram</u> Firm: <u>Geiss Soil Samples, LLC</u>			Date Drilling Started <u>02.09.2022</u> m m d d y y y y	Date Drilling Completed <u>02.09.2022</u> m m d d y y y y	Drilling Method <u>Geoprobe</u>
WI Unique Well No.	DNR Well ID No.	Well Name <u>GP-2</u>	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter <u>2</u> inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/> State Plane _____ N, _____ E			Lat _____ Long _____	Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID <u>86104470</u>		County <u>Taylor</u>	County Code <u>60</u>	Civil Town/City/ or Village <u>Stetsenville</u>	

Sample Number and Type	Length Att. & Recovered (ft)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
5-1	20	N/A	0-2	concrete / 6" gravel dark brown sandy loam	CA/PI ML-SM										
5-2	24		2-4					2.1							
5-3	1		4-6												
5-4			6-8												
5-5			8-10					3.1							
5-6			10-12					2.1							lab sample
5-7			12-14					3.1							
5-8	12		14-15												
				EOB @ 15ft bgs											

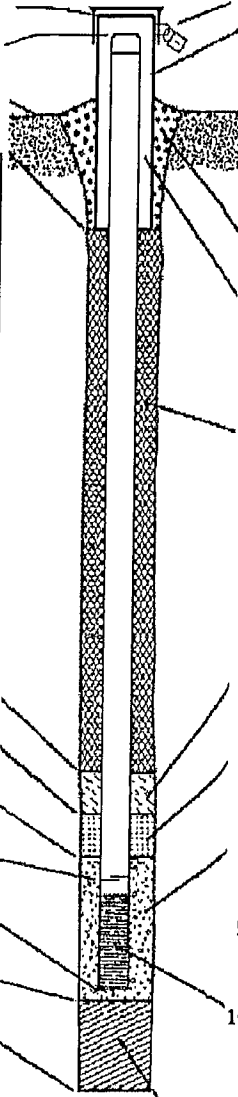
I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature [Signature] Firm Endeavor Env. Services, Inc.

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Facility/Project Name <i>Stetsonville Oil Clark</i>		Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> E. ft. <input type="checkbox"/> S. <input type="checkbox"/> W.		Well Name <i>GP-2</i>	
Facility License, Permit or Monitoring No.		Local Grid Origin (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/>		Wis. Unique Well No. DNR Well ID No.	
Facility ID		St. Plane _____ ft. N. _____ ft. E. S/C/N		Date Well Installed <i>0210912022</i> m m d d y y y y	
Type of Well		Section Location of Waste/Source <i>NE 1/4 of NE 1/4 of Sec. 24, T. 30 N. R. 01</i> <input checked="" type="checkbox"/> E <input checked="" type="checkbox"/> W		Well Installed By: Name (first, last) and Firm <i>ERIC BELGIAN</i> <i>GEIOS SOIL/SAMPLES LLC</i>	
Well Code _____		Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known		Gov. Lot Number _____	
Distance from Waste/Source _____ ft.		Enf. Stds. Apply <input type="checkbox"/>			

A. Protective pipe, top elevation _____ ft. MSL	1. Cap and lock? <input type="checkbox"/> Yes <input type="checkbox"/> No
B. Well casing, top elevation _____ ft. MSL	2. Protective cover pipe: a. Inside diameter: _____ in. b. Length: _____ ft. c. Material: Steel <input type="checkbox"/> 0 4 Other <input type="checkbox"/>
C. Land surface elevation _____ ft. MSL	d. Additional protection? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe: _____
D. Surface seal, bottom _____ ft. MSL or _____ ft.	3. Surface seal: Bentonite <input type="checkbox"/> 3 0 Concrete <input type="checkbox"/> 0 1 Other <input type="checkbox"/>
12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input checked="" type="checkbox"/> SC <input type="checkbox"/> ML <input checked="" type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/>	4. Material between well casing and protective pipe: Bentonite <input type="checkbox"/> 3 0 Other <input type="checkbox"/>
13. Sieve analysis performed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	5. Annular space seal: a. Granular/Chipped Bentonite <input type="checkbox"/> 3 3 b. _____ Lbs/gal mud weight... Bentonite-sand slurry <input type="checkbox"/> 3 5 c. _____ Lbs/gal mud weight... Bentonite slurry <input type="checkbox"/> 3 1 d. _____ % Bentonite... Bentonite-cement grout <input type="checkbox"/> 5 0 e. _____ Ft ³ volume added for any of the above
14. Drilling method used: Rotary <input type="checkbox"/> 5 0 Hollow Stem Auger <input type="checkbox"/> 4 1 <i>Geopole</i> Other <input checked="" type="checkbox"/>	f. How installed: Tremie <input type="checkbox"/> 0 1 Tremie pumped <input type="checkbox"/> 0 2 Gravity <input type="checkbox"/> 0 8
15. Drilling fluid used: Water <input type="checkbox"/> 0 2 Air <input type="checkbox"/> 0 1 Drilling Mud <input type="checkbox"/> 0 3 None <input checked="" type="checkbox"/> 9 9	6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 3 3 b. <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input type="checkbox"/> 3 2 c. _____ Other <input type="checkbox"/>
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Describe <i>N/A</i>	7. Fine sand material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft ³
17. Source of water (attach analysis, if required): <i>N/A</i>	8. Filter pack material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft ³
E. Bentonite seal, top _____ ft. MSL or _____ ft.	9. Well casing: Flush threaded PVC schedule 40 <input type="checkbox"/> 2 3 Flush threaded PVC schedule 80 <input type="checkbox"/> 2 4 Other <input type="checkbox"/>
F. Fine sand, top _____ ft. MSL or _____ ft.	10. Screen material: a. Screen type: Factory cut <input type="checkbox"/> 1 1 Continuous slot <input type="checkbox"/> 0 1 Other <input type="checkbox"/>
G. Filter pack, top _____ ft. MSL or _____ ft.	b. Manufacturer _____ c. Slot size: _____ 0. _____ in. d. Slotted length: _____ ft.
H. Screen joint, top _____ ft. MSL or <i>5.0</i> ft.	11. Backfill material (below filter pack): None <input type="checkbox"/> 1 4 Other <input type="checkbox"/>
I. Well bottom _____ ft. MSL or <i>15.0</i> ft.	
J. Filter pack, bottom _____ ft. MSL or <i>15.0</i> ft.	
K. Borehole, bottom _____ ft. MSL or <i>15.0</i> ft.	
L. Borehole, diameter <i>2.07</i> in.	
M. O.D. well casing <i>1.25</i> in.	
N. I.D. well casing <i>1.0</i> in.	



I hereby certify that the information on this form is true and correct to the best of my knowledge.
Signature *[Signature]* Firm *Endeavor Env. Services, Inc.*

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

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Verification Only of Fill and Seal

Route to DNR Bureau:

- Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

1. Well Location Information

County: Taylor WI Unique Well # of Removed Well: _____ Hicap #: _____

Latitude / Longitude (see Instructions): _____ N _____ W Format Code: DD DDM Method Code: GPS008 SCR002 OTH001

1/4 1/4 NE 1/4 NE Section: 24 Township: 30 N Range: 01 E W

Well Street Address: 115 5TH 13

Well City, Village or Town: Stetsenville Well ZIP Code: 54480

Subdivision Name: _____ Lot #: _____

2. Facility / Owner Information

Facility Name: Stetsenville Oil Clark

Facility ID (FID or PWS): _____

License/Permit/Monitoring #: GP-2

Original Well Owner: Medford Cooperative, Inc.

Present Well Owner: _____

Mailing Address of Present Owner: 160 Medford Area

City of Present Owner: Medford State: WI ZIP Code: 54451

Reason for Removal from Service: Temporary borings WI Unique Well # of Replacement Well: _____

3. Filled & Sealed Well / Drillhole / Borehole Information

Monitoring Well Original Construction Date (mm/dd/yyyy): 02/09/2022
 Water Well If a Well Construction Report is available, please attach.
 Borehole / Drillhole

Construction Type:
 Drilled Driven (Sandpoint) Dug
 Other (specify): Geopipe

Formation Type:
 Unconsolidated Formation Bedrock

Total Well Depth From Ground Surface (ft.): 15 Casing Diameter (in.): 1.0

Lower Drillhole Diameter (in.): 2 Casing Depth (ft.): 5.0

Was well annular space grouted? Yes No Unknown

If yes, to what depth (feet)? _____ Depth to Water (feet): _____

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed? Yes No N/A
 Liner(s) removed? Yes No N/A
 Liner(s) perforated? Yes No N/A
 Screen removed? Yes No N/A
 Casing left in place? Yes No N/A

Was casing cut off below surface? Yes No N/A
 Did sealing material rise to surface? Yes No N/A
 Did material settle after 24 hours? Yes No N/A
 If yes, was hole retopped? Yes No N/A
 If bentonite chips were used, were they hydrated with water from a known safe source? Yes No N/A

Required Method of Placing Sealing Material:
 Conductor Pipe-Gravity Conductor Pipe-Pumped
 Screened & Poured (Bentonite Chips) Other (Explain): gravity

Sealing Materials:
 Neat Cement Grout Concrete
 Sand-Cement (Corcrete) Grout Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
 Bentonite Chips Bentonite - Cement Grout
 Granular Bentonite Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<u>Concrete</u>	Surface	<u>0.5</u>	<u>0.01</u>	<u>100%</u>
<u>Chipped bentonite</u>	<u>0.5</u>	<u>15.0</u>	<u>0.32</u>	<u>100%</u>

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing <u>Enderver Env. Serv. Inc.</u>	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <u>02/09/2022</u>	DNR Use Only	
Street or Route <u>2250-B Sabscheider Court</u>	Telephone Number <u>(920) 437-2997</u>	Date Received	Noted By	
City <u>Green Bay</u>	State <u>WI</u>	ZIP Code <u>54313</u>	Signature of Person Doing Work <u>[Signature]</u>	Date Signed <u>02/28/2022</u>

Route To: Watershed/Wastewater Waste Management
Remediation/Revelpment Other

Page 1 of 1

Facility/Project Name <u>Stetsenville Oil Clark</u>			License/Permit/Monitoring Number	Boring Number <u>GP-3</u>		
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: <u>Eric</u> Last Name: <u>Bejgram</u> Firm: <u>Geiss Soil & Samples, LLC</u>			Date Drilling Started <u>02.09.2022</u> m m d d y y y y	Date Drilling Completed <u>02.09.2022</u> m m d d y y y y	Drilling Method <u>Geoprobe</u>	
WI Unique Well No.	DNR Well ID No.	Well Name <u>GP-3</u>	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter <u>2</u> inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>			Lat <u>0</u> ' "	Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W		
State Plane <u>N</u> <u>E</u>			Long <u>0</u> ' "	Feet <input type="checkbox"/> S <input type="checkbox"/> W		
Facility ID <u>PG104470</u>		County <u>Taylor</u>	County Code <u>60</u>	Civil Town/City/ or Village <u>Stetsenville</u>		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/HID	Soil Properties					RQD/ Comments			
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200				
S-1	12	NA	0-2	Concrete/ 6" gravel brown loam silty	CO/CL ML-CL												
S-2	18		2-4	↓	↓	↓	↓	3.1									
S-3	8		4-6					2.1									
S-4	10		6-8					2.1									
S-5	24		8-10					brown, sandy loam	ML-SM			7.4					Lab 5496
S-6			10-12	↓	↓	↓	↓	3.1						Lab 5496			
S-7			12-14					4.2									
S-8	12		14-15					2.1									
				EOB@15ft bgs													

I hereby certify that the information on this form is true and correct to the best of my knowledge.

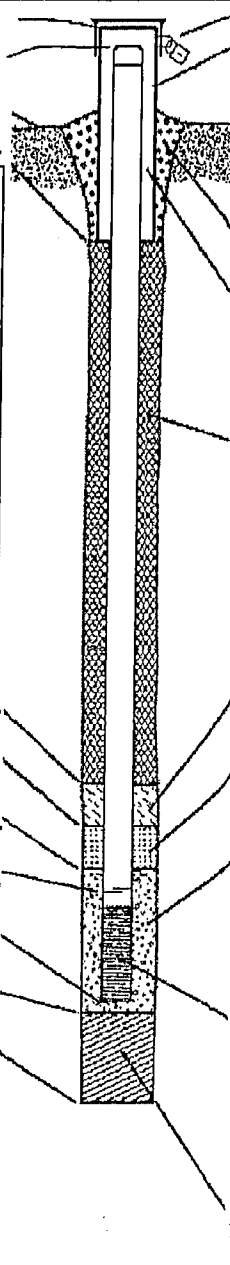
Signature [Signature] Firm Endeavor Env. Services, Inc.

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Route to: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name Stetsonville Oil Clark		Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> E. ft. <input type="checkbox"/> S. <input type="checkbox"/> W.		Well Name GP-3	
Facility License, Permit or Monitoring No.		Local Grid Origin (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/>		Wis. Unique Well No. DNR Well ID No.	
Facility ID		St. Plane _____ ft. N. _____ ft. E. S/C/N		Date Well Installed 0210912022 m m d d y y y y	
Type of Well		Section Location of Waste/Source NE 1/4 of NE 1/4 of Sec. 24, T. 30 N. R. 01 <input checked="" type="checkbox"/> W		Well Installed By: Name (first, last) and Firm Eric Belgian Geo's Soil Samples LLC	
Well Code _____		Location of Well Relative to Waste/Source		Gov. Lot Number	
Distance from Waste/Source _____ ft.		u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known			

A. Protective pipe, top elevation _____ ft. MSL	1. Cap and lock? <input type="checkbox"/> Yes <input type="checkbox"/> No	
B. Well casing, top elevation _____ ft. MSL	2. Protective cover pipe:	
C. Land surface elevation _____ ft. MSL	a. Inside diameter: _____ in.	
D. Surface seal, bottom _____ ft. MSL or _____ ft.	b. Length: _____ ft.	
<div style="border: 1px solid black; padding: 5px;"> <p>12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input checked="" type="checkbox"/> SC <input type="checkbox"/> ML <input checked="" type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/></p> <p>13. Sieve analysis performed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input type="checkbox"/> 41 Geopipe Other <input checked="" type="checkbox"/></p> <p>15. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99</p> <p>16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Describe N/A</p> <p>17. Source of water (attach analysis, if required): N/A</p> </div>	c. Material: Steel <input type="checkbox"/> 04 Other <input checked="" type="checkbox"/>	
		d. Additional protection? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe: _____
		3. Surface seal: Bentonite <input type="checkbox"/> 30 Concrete <input type="checkbox"/> 01 Other <input checked="" type="checkbox"/>
		4. Material between well casing and protective pipe: Bentonite <input type="checkbox"/> 30 Other <input checked="" type="checkbox"/>
		5. Annular space seal: a. Granular/Chipped Bentonite <input type="checkbox"/> 33 b. _____ Lbs/gal mud weight ... Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight ... Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite ... Bentonite-cement grout <input type="checkbox"/> 50 e. _____ Ft ³ volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input type="checkbox"/> 08
		6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input type="checkbox"/> 32 c. _____ Other <input checked="" type="checkbox"/>
		7. Fine sand material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft ³
		8. Filter pack material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft ³
		9. Well casing: Flush threaded PVC schedule 40 <input type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input checked="" type="checkbox"/>
		10. Screen material: a. Screen type: Factory cut <input type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input checked="" type="checkbox"/> b. Manufacturer _____ c. Slot size: _____ in. d. Slotted length: _____ ft.
E. Bentonite seal, top _____ ft. MSL or _____ ft.	11. Backfill material (below filter pack): None <input type="checkbox"/> 14 Other <input checked="" type="checkbox"/>	
F. Fine sand, top _____ ft. MSL or _____ ft.		
G. Filter pack, top _____ ft. MSL or _____ ft.		
H. Screen joint, top _____ ft. MSL or 5.0 ft.		
I. Well bottom _____ ft. MSL or 15.0 ft.		
J. Filter pack, bottom _____ ft. MSL or 15.0 ft.		
K. Borehole, bottom _____ ft. MSL or 15.0 ft.		
L. Borehole, diameter 2.02 in.		
M. O.D. well casing 1.25 in.		
N. I.D. well casing 1.0 in.		



I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature [Signature] Firm Endeavor Env. Services, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Route to DNR Bureau:

Verification Only of Fill and Seal

Drinking Water

Watershed/Wastewater

Remediation/Redevelopment

Waste Management

Other: _____

1. Well Location Information

County <i>Taylor</i>	WI Unique Well # of Removed Well	Hicap #
Latitude / Longitude (see instructions) _____ N _____ W	Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001
1/4 1/4 NE 1/4 NE or Gov't Lot #	Section <i>24</i>	Township <i>30 N</i>
Well Street Address <i>115 5TH B</i>	Range <i>01</i>	Direction <input checked="" type="checkbox"/> E <input type="checkbox"/> W
Well City, Village or Town <i>Stetsonville</i>	Well ZIP Code <i>54480</i>	
Subdivision Name	Lot #	

2. Facility / Owner Information

Facility Name <i>Stetsonville Oil Clark</i>		
Facility ID (FID or PWS)		
License/Permit/Monitoring # <i>GP-3</i>		
Original Well Owner <i>Medford Cooperative, Inc.</i>		
Present Well Owner		
Mailing Address of Present Owner <i>160 Medford Plaza</i>		
City of Present Owner <i>Medford</i>	State <i>WI</i>	ZIP Code <i>54451</i>

Reason for Removal from Service
Temporary borings

3. Filled & Sealed Well / Drillhole / Borehole Information

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <i>02/09/2022</i>
<input type="checkbox"/> Water Well	If a Well Construction Report is available, please attach.
<input checked="" type="checkbox"/> Borehole / Drillhole	
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): <i>Geopipe</i>	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	
Total Well Depth From Ground Surface (ft.) <i>15.0</i>	Casing Diameter (in.) <i>1.0</i>
Lower Drillhole Diameter (in.) <i>2.0</i>	Casing Depth (ft.) <i>5.0</i>
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet)

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Screen removed?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Required Method of Placing Sealing Material	
<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped	
<input type="checkbox"/> Screened & Poured (Bentonite Chips) <input checked="" type="checkbox"/> Other (Explain): <i>gravity</i>	
Sealing Materials	
<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete	
<input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Bentonite Chips	
For Monitoring Wells and Monitoring Well Boreholes Only:	
<input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout	
<input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry	

5. Material Used to Fill Well / Drillhole

<i>Concrete</i>	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<i>Chipped bentonite</i>	Surface	<i>0.5</i>	<i>0.01</i>	<i>100%</i>
	<i>0.5</i>	<i>15.0</i>	<i>0.32</i>	<i>100%</i>

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing <i>Endeavor Env. Serv. Inc.</i>	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <i>02/09/2022</i>	DNR Use Only	
Street or Route <i>2280-B Salscheider Court</i>	Telephone Number <i>(920) 437-2997</i>	Date Received	Noted By	
City <i>Green Bay</i>	State <i>WI</i>	ZIP Code <i>54313</i>	Signature of Person Doing Work <i>[Signature]</i>	
			Date Signed <i>02/28/2022</i>	

Route To: Watershed/Wastewater Waste Management
Remediation/Revelopment Other

Page 1 of 1

Facility/Project Name <i>Stetsenville Oil Clark</i>			License/Permit/Monitoring Number		Boring Number <i>GP-4</i>
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: <i>Eric</i> Last Name: <i>Beltram</i> Firm: <i>Geiss Soil Samples, LLC</i>			Date Drilling Started <i>02/09/2022</i> m m d d y y y y	Date Drilling Completed <i>02/09/2022</i> m m d d y y y y	Drilling Method <i>Geoprobe</i>
WI Unique Well No.	DNR Well ID No.	Well Name <i>GP-4</i>	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter <i>2</i> inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>			Local Grid Location		
State Plane <u> </u> N, <u> </u> E			Lat <u>0</u> ' " <u> </u> "		
<i>NE 1/4 of NE 1/4 of Section 24, T30 N, R01 E</i>			Long <u>0</u> ' " <u> </u> "		
Facility ID <i>PG104470</i>		County <i>Taylor</i>	County Code <i>60</i>	Civil Town/City/ or Village <i>Stetsenville</i>	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	TPD/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
<i>S-1</i>	<i>18</i>	<i>NA</i>	<i>0-2</i>	<i>Concrete / 6" gravel gray loamy sand</i>	<i>CO/PT SM</i>										
<i>S-2</i>	<i>20</i>		<i>2-4</i>	<i>"</i>				<i>1.0</i>							
<i>S-3</i>	<i>18</i>		<i>4-6</i>	<i>"</i>				<i>255</i>							<i>Lab 5C26</i>
<i>S-4</i>	<i>18</i>		<i>6-8</i>	<i>brown sandy loam</i>	<i>ML-SM</i>			<i>243</i>							
<i>S-5</i>	<i>24</i>		<i>8-10</i>	<i>brown, loamy sand</i>	<i>SM</i>			<i>74</i>							
<i>S-6</i>	<i>24</i>		<i>10-12</i>					<i>343</i>							<i>Lab 5C26</i>
<i>S-7</i>	<i>12</i>		<i>12-14</i>												
<i>S-8</i>	<i>12</i>		<i>14-15</i>												
				<i>EDB @ 15 ft bgs</i>											

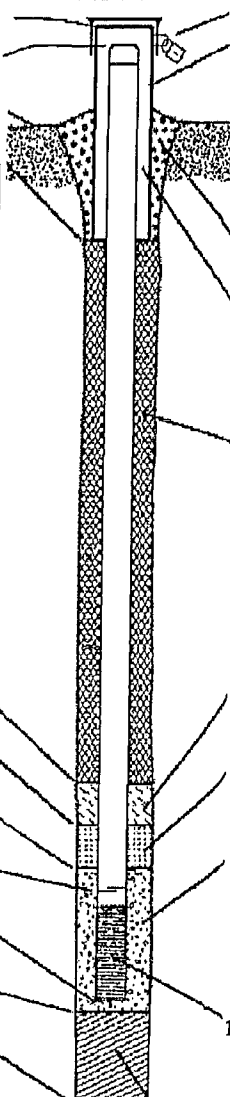
I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *[Signature]* Firm *Endeavor Env. Services, Inc.*

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Facility/Project Name Stetsville Oil Clark		Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> E. <input type="checkbox"/> S. <input type="checkbox"/> W.		Well Name GP-4	
Facility License, Permit or Monitoring No.		Local Grid Origin (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/>		Wis. Unique Well No. DNR Well ID No.	
Facility ID		St. Plane _____ ft. N, _____ ft. E. S/C/N		Date Well Installed 0210212022 m m d d y y y y	
Type of Well		Section Location of Waste/Source NE 1/4 of NE 1/4 of Sec. 24, T. 30 N. R. 01 <input checked="" type="checkbox"/> E <input type="checkbox"/> W		Well Installed By: Name (first, last) and Firm ERIC BELGIAN GEIOSOIL/SAMPLES LLC	
Well Code _____		Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known		Gov. Lot Number _____	
Distance from Waste/Source _____ ft.		Enf. Stds. Apply <input type="checkbox"/>			

A. Protective pipe, top elevation _____ ft. MSL	1. Cap and lock? <input type="checkbox"/> Yes <input type="checkbox"/> No
B. Well casing, top elevation _____ ft. MSL	2. Protective cover pipe: a. Inside diameter: _____ in. b. Length: _____ ft. c. Material: Steel <input type="checkbox"/> 04 Other <input type="checkbox"/>
C. Land surface elevation _____ ft. MSL	d. Additional protection? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe: _____
D. Surface seal, bottom _____ ft. MSL or _____ ft.	3. Surface seal: Bentonite <input type="checkbox"/> 30 Concrete <input type="checkbox"/> 01 Other <input type="checkbox"/>
12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input checked="" type="checkbox"/> SC <input type="checkbox"/> ML <input checked="" type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/>	
13. Sieve analysis performed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input type="checkbox"/> 41 Geoprobe Other <input checked="" type="checkbox"/>	
15. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99	
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Describe N/A	
17. Source of water (attach analysis, if required): N/A	
E. Bentonite seal, top _____ ft. MSL or _____ ft.	4. Material between well casing and protective pipe: Bentonite <input type="checkbox"/> 30 Other <input type="checkbox"/>
F. Fine sand, top _____ ft. MSL or _____ ft.	5. Annular space seal: a. Granular/Chipped Bentonite <input type="checkbox"/> 33 b. _____ Lbs/gal mud weight ... Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight ... Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite ... Bentonite-cement grout <input type="checkbox"/> 50 e. _____ Ft ³ volume added for any of the above
G. Filter pack, top _____ ft. MSL or _____ ft.	f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input type="checkbox"/> 08
H. Screen joint, top _____ ft. MSL or 5.0 ft.	6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input type="checkbox"/> 32 c. _____ Other <input type="checkbox"/>
I. Well bottom _____ ft. MSL or 15.0 ft.	7. Fine sand material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft ³
J. Filter pack, bottom _____ ft. MSL or 15.0 ft.	8. Filter pack material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft ³
K. Borehole, bottom _____ ft. MSL or 15.0 ft.	9. Well casing: Flush threaded PVC schedule 40 <input type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/>
L. Borehole, diameter 2.07 in.	10. Screen material: a. Screen type: Factory cut <input type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/>
M. O.D. well casing 1.25 in.	b. Manufacturer _____ c. Slot size: _____ in. d. Slotted length: _____ ft.
N. I.D. well casing 1.0 in.	11. Backfill material (below filter pack): None <input type="checkbox"/> 14 Other <input type="checkbox"/>



I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature **[Signature]** Firm **Endeavor Env. Services, Inc**

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

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Verification Only of Fill and Seal

Route to DNR Bureau:

- Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

1. Well Location Information

County <i>Taylor</i>	WI Unique Well # of Removed Well	Hicap #
Latitude / Longitude (see Instructions) _____ N _____ W	Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001
1/4 NE 1/4 NE or Gov't Lot #	Section <i>24</i>	Township <i>30 N</i>
Well Street Address <i>115 5TH B</i>	Range <i>01</i>	Original Well Owner <i>Medford Cooperative, Inc.</i>
Well City, Village or Town <i>Stetsville</i>	Well ZIP Code <i>54450</i>	Present Well Owner
Subdivision Name	Lot #	Mailing Address of Present Owner <i>160 Medford Area</i>

2. Facility / Owner Information

Facility Name <i>Stetsville Oil Clark</i>
Facility ID (FID or PWS)
License/Permit/Monitoring # <i>6P-4</i>
Original Well Owner <i>Medford Cooperative, Inc.</i>
Present Well Owner
Mailing Address of Present Owner <i>160 Medford Area</i>
City of Present Owner <i>Medford</i>
State <i>WI</i>
ZIP Code <i>54451</i>

Reason for Removal from Service
Temporary booms

3. Filled & Sealed Well / Drillhole / Borehole Information

<input type="checkbox"/> Monitoring Well	WI Unique Well # of Replacement Well
<input type="checkbox"/> Water Well	Original Construction Date (mm/dd/yyyy) <i>02/09/2022</i>
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.

Construction Type:

Drilled Driven (Sandpoint) Dug
 Other (specify): *Geogrid*

Formation Type:

Unconsolidated Formation Bedrock

Total Well Depth From Ground Surface (ft.) <i>15.0</i>	Casing Diameter (in.) <i>1.0</i>
---	-------------------------------------

Lower Drillhole Diameter (in.) <i>2.0</i>	Casing Depth (ft.) <i>5.0</i>
--	----------------------------------

Was well annular space grouted? Yes No Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
-------------------------------	-----------------------

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Screen removed?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A

Required Method of Placing Sealing Material

Conductor Pipe-Gravity Conductor Pipe-Pumped
 Screened & Poured (Bentonite Chips) Other (Explain): *gravity*

Sealing Materials

Neat Cement Grout Concrete
 Sand-Cement (Concrete) Grout Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:

Bentonite Chips Bentonite - Cement Grout
 Granular Bentonite Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<i>Concrete</i>	Surface	<i>0.5</i>	<i>0.01</i>	<i>100%</i>
<i>Chipped bentonite</i>	<i>0.5</i>	<i>15.0</i>	<i>0.32</i>	<i>100%</i>

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing <i>Enderer Env. Serv. Inc.</i>	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <i>02/09/2022</i>	DNR Use Only	
Street or Route <i>2250-B Salscheider Court</i>	Telephone Number <i>(920) 437-2997</i>	Date Received	Noted By	
City <i>Green Bay</i>	State <i>WI</i>	ZIP Code <i>54313</i>	Signature of Person Doing Work <i>[Signature]</i>	Date Signed <i>02/28/2022</i>

Route To: Watershed/Wastewater Waste Management
Remediation/Revelopment Other

Page 1 of 1

Facility/Project Name <i>Stetsenville Oil Clark</i>		License/Permit/Monitoring Number	Boring Number <i>GP-5</i>
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: <i>Eric</i> Last Name: <i>Belgram</i>		Date Drilling Started <i>02/09/2022</i> m m d d y y y y	Date Drilling Completed <i>02/09/2022</i> m m d d y y y y
Firm: <i>Geiss Soil Samples, LLC</i>		Drilling Method <i>Geoprobe</i>	
WI Unique Well No.	DNR Well ID No.	Well Name <i>GP-5</i>	Final Static Water Level Feet MSL
			Surface Elevation Feet MSL
			Borehole Diameter <i>2</i> inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>		Local Grid Location	
State Plane _____ N, _____ E		Lat _____ ' _____ ''	
<i>NE 1/4 of NE 1/4 of Section 24, T30 N, R01 E</i>		Long _____ ' _____ ''	
Facility ID <i>86104470</i>		County <i>Taylor</i>	County Code <i>60</i>
		Civil Town/City/ or Village <i>Stetsenville</i>	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
<i>S-1</i>	<i>12</i>	<i>NA</i>	<i>0-2</i>	<i>concub / 6" gravel brown, sandy loam</i>	<i>CL-PT</i>			<i>-</i>							
<i>S-2</i>	<i>14</i>		<i>2-4</i>		<i>ML-SM</i>			<i>16.9</i>							
<i>S-3</i>	<i>24</i>		<i>4-6</i>					<i>24.4</i>							
<i>S-4</i>			<i>6-7</i>					<i>57.1</i>							<i>Lab 546</i>
<i>S-5</i>			<i>8-10</i>					<i>153</i>							
<i>S-6</i>			<i>10-12</i>					<i>336</i>							<i>Lab 546</i>
<i>S-7</i>			<i>12-14</i>	<i>gray, loamy sand</i>	<i>SM</i>			<i>-</i>							
<i>S-8</i>	<i>12</i>		<i>14-15</i>	<i>il</i>	<i>SM</i>			<i>-</i>							
				<i>EOB @ 15' 4" 655</i>											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *[Signature]* Firm *Endeavor Env. Services, Inc.*

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Route to: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name <i>Stetsville Oil Clark</i>		Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> E. ft. <input type="checkbox"/> S. <input type="checkbox"/> W.		Well Name <i>GP-5</i>	
Facility License, Permit or Monitoring No.		Local Grid Origin (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/>		Wis. Unique Well No. DNR Well ID No.	
Facility ID		St. Plane _____ ft. N. _____ ft. E. S/C/N		Date Well Installed <i>0210912022</i> m m d d y y y y	
Type of Well		Section Location of Waste/Source <i>NE 1/4 of NE 1/4 of Sec. 24, T. 30 N. R. 01</i> <input checked="" type="checkbox"/> F <input type="checkbox"/> W		Well Installed By: Name (first, last) and Firm <i>Eric Belgian</i> <i>Getas Soil Samples LLC</i>	
Well Code _____		Location of Well Relative to Waste/Source		Gov. Lot Number	
Distance from Waste/Source _____ ft.		u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known			

- A. Protective pipe, top elevation _____ ft. MSL
- B. Well casing, top elevation _____ ft. MSL
- C. Land surface elevation _____ ft. MSL
- D. Surface seal, bottom _____ ft. MSL or _____ ft.

12. USCS classification of soil near screen:
 GP GM GC GW SW SP
 SM SC ML MH CL CH
 Bedrock

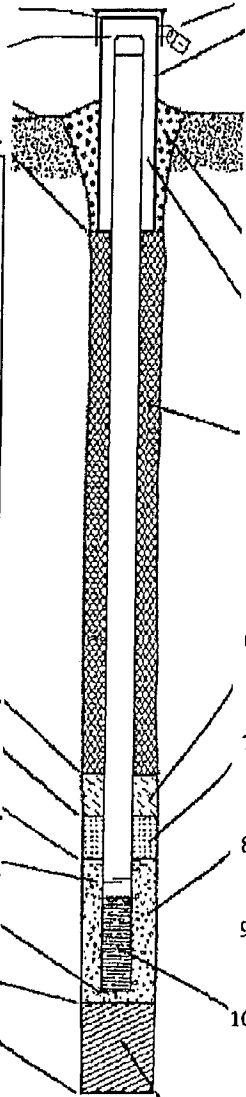
13. Sieve analysis performed? Yes No

14. Drilling method used: Rotary 50
 Hollow Stem Auger 41
Geopole Other

15. Drilling fluid used: Water 02 Air 01
 Drilling Mud 03 None 99

16. Drilling additives used? Yes No
 Describe *N/A*

17. Source of water (attach analysis, if required):
N/A



- 1. Cap and lock? Yes No
- 2. Protective cover pipe:
 - a. Inside diameter: _____ in.
 - b. Length: _____ ft.
 - c. Material: Steel 04
Other
 - d. Additional protection? Yes No
If yes, describe: _____
- 3. Surface seal: Bentonite 30
Concrete 01
Other
- 4. Material between well casing and protective pipe: Bentonite 30
Other
- 5. Annular space seal:
 - a. Granular/Chipped Bentonite 33
 - b. _____ Lbs/gal mud weight ... Bentonite-sand slurry 35
 - c. _____ Lbs/gal mud weight ... Bentonite slurry 31
 - d. _____ % Bentonite ... Bentonite-cement grout 50
 - e. _____ Ft³ volume added for any of the above
 - f. How installed: Tremie 01
Tremie pumped 02
Gravity 08
- 6. Bentonite seal:
 - a. Bentonite granules 33
 - b. 1/4 in. 3/8 in. 1/2 in. Bentonite chips 32
 - c. _____ Other
- 7. Fine sand material: Manufacturer, product name & mesh size
 a. _____
 b. Volume added _____ ft³
- 8. Filter pack material: Manufacturer, product name & mesh size
 a. _____
 b. Volume added _____ ft³
- 9. Well casing: Flush threaded PVC schedule 40 23
 Flush threaded PVC schedule 80 24
 Other
- 10. Screen material:
 - a. Screen type: Factory cut 11
Continuous slot 01
Other
 - b. Manufacturer _____
 - c. Slot size: _____ in.
 - d. Slotted length: _____ ft.
- 11. Backfill material (below filter pack): None 14
Other

- E. Bentonite seal, top _____ ft. MSL or _____ ft.
- F. Fine sand, top _____ ft. MSL or _____ ft.
- G. Filter pack, top _____ ft. MSL or _____ ft.
- H. Screen joint, top _____ ft. MSL or *5.0* ft.
- I. Well bottom _____ ft. MSL or *15.0* ft.
- J. Filter pack, bottom _____ ft. MSL or *15.0* ft.
- K. Borehole, bottom _____ ft. MSL or *15.0* ft.
- L. Borehole, diameter *2.07* in.
- M. O.D. well casing *1.25* in.
- N. I.D. well casing *1.0* in.

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *[Signature]* Firm *Endeavor Env. Services, Inc*

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Route to DNR Bureau:

Verification Only of Fill and Seal

Drinking Water

Watershed/Wastewater

Remediation/Redevelopment

Waste Management

Other: _____

1. Well Location Information

County <i>Taylor</i>	WI Unique Well # of Removed Well	Hicap #
Latitude / Longitude (see instructions) N _____ W _____	Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001
1/4 1/4 <i>NE</i> 1/4 <i>NE</i> or Gov't Lot #	Section <i>24</i>	Township <i>30 N</i>
Well Street Address <i>115 5TH B</i>	Range <i>01</i>	Original Well Owner <input checked="" type="checkbox"/> E <input type="checkbox"/> W
Well City, Village or Town <i>Stetsenville</i>	Well ZIP Code <i>54480</i>	Present Well Owner <i>Medford Cooperative, Inc</i>
Subdivision Name	Lot #	Mailing Address of Present Owner <i>160 Medford Plaza</i>
Reason for Removal from Service <i>Temporary borings</i>	WI Unique Well # of Replacement Well	City of Present Owner <i>Medford</i>
		State <i>WI</i>
		ZIP Code <i>54451</i>

2. Facility / Owner Information

Facility Name <i>Stetsenville Oil Clark</i>
Facility ID (FID or PWS)
License/Permit/Monitoring # <i>GP-5</i>
Original Well Owner <i>Medford Cooperative, Inc</i>
Present Well Owner
Mailing Address of Present Owner <i>160 Medford Plaza</i>
City of Present Owner <i>Medford</i>
State <i>WI</i>
ZIP Code <i>54451</i>

3. Filled & Sealed Well / Drillhole / Borehole Information

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) <i>02/09/2022</i>
<input type="checkbox"/> Water Well	If a Well Construction Report is available, please attach.
<input checked="" type="checkbox"/> Borehole / Drillhole	
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): <i>Geopipe</i>	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	
Total Well Depth From Ground Surface (ft.) <i>15.0</i>	Casing Diameter (in.) <i>1.0</i>
Lower Drillhole Diameter (in.) <i>2.0</i>	Casing Depth (ft.) <i>5.0</i>
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet)

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Screen removed?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Required Method of Placing Sealing Material	
<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped	
<input type="checkbox"/> Screened & Poured (Bentonite Chips) <input checked="" type="checkbox"/> Other (Explain): <i>gravity</i>	
Sealing Materials	
<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete	
<input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Bentonite Chips	
For Monitoring Wells and Monitoring Well Boreholes Only:	
<input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout	
<input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry	

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<i>Concrete</i>	Surface	<i>0.5</i>	<i>0.01</i>	<i>100%</i>
<i>Chipped bentonite</i>	<i>0.5</i>	<i>15.0</i>	<i>0.32</i>	<i>100%</i>

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing <i>Enderver Env. Serv. Inc.</i>	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <i>02/09/2022</i>	DNR Use Only	
Street or Route <i>2280-B Satscheider Court</i>	Telephone Number <i>(920) 437-2997</i>	Date Received	Noted By	
City <i>Green Bay</i>	State <i>WI</i>	ZIP Code <i>54313</i>	Signature of Person Doing Work <i>[Signature]</i>	
			Date Signed <i>02/28/2022</i>	



APPENDIX B

Soil Sample Laboratory Analytical Report



Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

February 18, 2022

Joe Ramcheck
Endeavor Environmental Services, Inc.
2280-B Salscheider Court
Green Bay, WI 54313

RE: Project: P223016.20 STETSONVILLE OIL
Pace Project No.: 40240539

Dear Joe Ramcheck:

Enclosed are the analytical results for sample(s) received by the laboratory on February 14, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Green Bay

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

Sincerely,

Christopher Hyska
christopher.hyska@pacelabs.com
(920)469-2436
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, LLC.



Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: P223016.20 STETSONVILLE OIL
Pace Project No.: 40240539

Pace Analytical Services Green Bay

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

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SAMPLE SUMMARY

Project: P223016.20 STETSONVILLE OIL
Pace Project No.: 40240539

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40240539001	GP-1, S-4	Solid	02/09/22 10:20	02/14/22 10:16
40240539002	GP-1, S-6	Solid	02/09/22 10:30	02/14/22 10:16
40240539003	GP-2, S-6	Solid	02/09/22 11:05	02/14/22 10:16
40240539004	GP-3, S-5	Solid	02/09/22 11:32	02/14/22 10:16
40240539005	GP-3, S-6	Solid	02/09/22 11:35	02/14/22 10:16
40240539006	GP-4, S-3	Solid	02/09/22 12:35	02/14/22 10:16
40240539007	GP-4, S-6	Solid	02/09/22 12:48	02/14/22 10:16
40240539008	GP-5, S-4	Solid	02/09/22 13:20	02/14/22 10:16
40240539009	GP-5, S-6	Solid	02/09/22 13:25	02/14/22 10:16
40240539010	MEOH BLANK	Solid	02/09/22 00:00	02/14/22 10:16

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: P223016.20 STETSONVILLE OIL
Pace Project No.: 40240539

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40240539001	GP-1, S-4	EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	NMK	1	PASI-G
40240539002	GP-1, S-6	EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	NMK	1	PASI-G
40240539003	GP-2, S-6	EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	NMK	1	PASI-G
40240539004	GP-3, S-5	EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	NMK	1	PASI-G
40240539005	GP-3, S-6	EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	NMK	1	PASI-G
40240539006	GP-4, S-3	EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	NMK	1	PASI-G
40240539007	GP-4, S-6	EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	NMK	1	PASI-G
40240539008	GP-5, S-4	EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	NMK	1	PASI-G
40240539009	GP-5, S-6	EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	NMK	1	PASI-G
40240539010	MEOH BLANK	EPA 8260	ALD	12	PASI-G

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: P223016.20 STETSONVILLE OIL
Pace Project No.: 40240539

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40240539001	GP-1, S-4					
ASTM D2974-87	Percent Moisture	14.6	%	0.10	02/14/22 17:35	
40240539002	GP-1, S-6					
ASTM D2974-87	Percent Moisture	13.2	%	0.10	02/14/22 17:35	
40240539003	GP-2, S-6					
ASTM D2974-87	Percent Moisture	12.3	%	0.10	02/14/22 17:35	
40240539004	GP-3, S-5					
ASTM D2974-87	Percent Moisture	14.6	%	0.10	02/14/22 17:35	
40240539005	GP-3, S-6					
ASTM D2974-87	Percent Moisture	11.4	%	0.10	02/14/22 17:35	
40240539006	GP-4, S-3					
EPA 8260	Ethylbenzene	280	ug/kg	68.2	02/15/22 21:15	
EPA 8260	Naphthalene	153J	ug/kg	341	02/15/22 21:15	
EPA 8260	1,2,4-Trimethylbenzene	2630	ug/kg	68.2	02/15/22 21:15	
EPA 8260	1,3,5-Trimethylbenzene	1720	ug/kg	68.2	02/15/22 21:15	
EPA 8260	m&p-Xylene	340	ug/kg	136	02/15/22 21:15	
ASTM D2974-87	Percent Moisture	15.4	%	0.10	02/14/22 17:36	
40240539007	GP-4, S-6					
EPA 8260	Ethylbenzene	130	ug/kg	61.6	02/15/22 21:34	
EPA 8260	1,2,4-Trimethylbenzene	1780	ug/kg	61.6	02/15/22 21:34	
EPA 8260	1,3,5-Trimethylbenzene	1200	ug/kg	61.6	02/15/22 21:34	
EPA 8260	m&p-Xylene	88.0J	ug/kg	123	02/15/22 21:34	
ASTM D2974-87	Percent Moisture	10.4	%	0.10	02/14/22 17:36	
40240539008	GP-5, S-4					
EPA 8260	Ethylbenzene	103	ug/kg	65.2	02/16/22 10:35	
ASTM D2974-87	Percent Moisture	13.2	%	0.10	02/14/22 17:36	
40240539009	GP-5, S-6					
EPA 8260	Benzene	404J	ug/kg	490	02/15/22 22:13	
EPA 8260	Ethylbenzene	16200	ug/kg	1230	02/15/22 22:13	
EPA 8260	Naphthalene	5990J	ug/kg	6130	02/15/22 22:13	
EPA 8260	Toluene	987J	ug/kg	1230	02/15/22 22:13	
EPA 8260	1,2,4-Trimethylbenzene	53700	ug/kg	1230	02/15/22 22:13	
EPA 8260	1,3,5-Trimethylbenzene	16600	ug/kg	1230	02/15/22 22:13	
EPA 8260	m&p-Xylene	52100	ug/kg	2450	02/15/22 22:13	
EPA 8260	o-Xylene	11100	ug/kg	1230	02/15/22 22:13	
ASTM D2974-87	Percent Moisture	10.1	%	0.10	02/14/22 17:36	

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: P223016.20 STETSONVILLE OIL
Pace Project No.: 40240539

Method: EPA 8260
Description: 8260 MSV Med Level Short List
Client: Endeavor Environmental Services, Inc.
Date: February 18, 2022

General Information:

10 samples were analyzed for EPA 8260 by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 5035/5030B with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

QC Batch: 408284

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- GP-5, S-6 (Lab ID: 40240539009)
 - 1,2-Dichlorobenzene-d4 (S)
 - 4-Bromofluorobenzene (S)
 - Toluene-d8 (S)

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: P223016.20 STETSONVILLE OIL
 Pace Project No.: 40240539

Sample: GP-1, S-4 Lab ID: 40240539001 Collected: 02/09/22 10:20 Received: 02/14/22 10:16 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									
Pace Analytical Services - Green Bay									
Benzene	<16.0	ug/kg	26.8	16.0	1	02/16/22 07:30	02/17/22 13:18	71-43-2	
Ethylbenzene	<16.0	ug/kg	67.1	16.0	1	02/16/22 07:30	02/17/22 13:18	100-41-4	
Methyl-tert-butyl ether	<19.7	ug/kg	67.1	19.7	1	02/16/22 07:30	02/17/22 13:18	1634-04-4	
Naphthalene	<20.9	ug/kg	335	20.9	1	02/16/22 07:30	02/17/22 13:18	91-20-3	
Toluene	<16.9	ug/kg	67.1	16.9	1	02/16/22 07:30	02/17/22 13:18	108-88-3	
1,2,4-Trimethylbenzene	<20.0	ug/kg	67.1	20.0	1	02/16/22 07:30	02/17/22 13:18	95-63-6	
1,3,5-Trimethylbenzene	<21.6	ug/kg	67.1	21.6	1	02/16/22 07:30	02/17/22 13:18	108-67-8	
m&p-Xylene	<28.3	ug/kg	134	28.3	1	02/16/22 07:30	02/17/22 13:18	179601-23-1	
o-Xylene	<20.1	ug/kg	67.1	20.1	1	02/16/22 07:30	02/17/22 13:18	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	110	%	66-153		1	02/16/22 07:30	02/17/22 13:18	460-00-4	
Toluene-d8 (S)	107	%	67-159		1	02/16/22 07:30	02/17/22 13:18	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	114	%	82-158		1	02/16/22 07:30	02/17/22 13:18	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	14.6	%	0.10	0.10	1		02/14/22 17:35		

Sample: GP-1, S-6 Lab ID: 40240539002 Collected: 02/09/22 10:30 Received: 02/14/22 10:16 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									
Pace Analytical Services - Green Bay									
Benzene	<15.5	ug/kg	26.1	15.5	1	02/16/22 07:30	02/17/22 13:39	71-43-2	
Ethylbenzene	<15.5	ug/kg	65.2	15.5	1	02/16/22 07:30	02/17/22 13:39	100-41-4	
Methyl-tert-butyl ether	<19.2	ug/kg	65.2	19.2	1	02/16/22 07:30	02/17/22 13:39	1634-04-4	
Naphthalene	<20.3	ug/kg	326	20.3	1	02/16/22 07:30	02/17/22 13:39	91-20-3	
Toluene	<16.4	ug/kg	65.2	16.4	1	02/16/22 07:30	02/17/22 13:39	108-88-3	
1,2,4-Trimethylbenzene	<19.4	ug/kg	65.2	19.4	1	02/16/22 07:30	02/17/22 13:39	95-63-6	
1,3,5-Trimethylbenzene	<21.0	ug/kg	65.2	21.0	1	02/16/22 07:30	02/17/22 13:39	108-67-8	
m&p-Xylene	<27.5	ug/kg	130	27.5	1	02/16/22 07:30	02/17/22 13:39	179601-23-1	
o-Xylene	<19.5	ug/kg	65.2	19.5	1	02/16/22 07:30	02/17/22 13:39	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	117	%	66-153		1	02/16/22 07:30	02/17/22 13:39	460-00-4	
Toluene-d8 (S)	119	%	67-159		1	02/16/22 07:30	02/17/22 13:39	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	117	%	82-158		1	02/16/22 07:30	02/17/22 13:39	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	13.2	%	0.10	0.10	1		02/14/22 17:35		

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ANALYTICAL RESULTS

Project: P223016.20 STETSONVILLE OIL
Pace Project No.: 40240539

Sample: GP-2, S-6 Lab ID: 40240539003 Collected: 02/09/22 11:05 Received: 02/14/22 10:16 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									
Pace Analytical Services - Green Bay									
Benzene	<15.3	ug/kg	25.6	15.3	1	02/15/22 09:00	02/15/22 20:17	71-43-2	
Ethylbenzene	<15.3	ug/kg	64.1	15.3	1	02/15/22 09:00	02/15/22 20:17	100-41-4	
Methyl-tert-butyl ether	<18.8	ug/kg	64.1	18.8	1	02/15/22 09:00	02/15/22 20:17	1634-04-4	
Naphthalene	<20.0	ug/kg	320	20.0	1	02/15/22 09:00	02/15/22 20:17	91-20-3	
Toluene	<16.1	ug/kg	64.1	16.1	1	02/15/22 09:00	02/15/22 20:17	108-88-3	
1,2,4-Trimethylbenzene	<19.1	ug/kg	64.1	19.1	1	02/15/22 09:00	02/15/22 20:17	95-63-6	
1,3,5-Trimethylbenzene	<20.6	ug/kg	64.1	20.6	1	02/15/22 09:00	02/15/22 20:17	108-67-8	
m&p-Xylene	<27.0	ug/kg	128	27.0	1	02/15/22 09:00	02/15/22 20:17	179601-23-1	
o-Xylene	<19.2	ug/kg	64.1	19.2	1	02/15/22 09:00	02/15/22 20:17	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	66-153		1	02/15/22 09:00	02/15/22 20:17	460-00-4	
Toluene-d8 (S)	105	%	67-159		1	02/15/22 09:00	02/15/22 20:17	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	110	%	82-158		1	02/15/22 09:00	02/15/22 20:17	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	12.3	%	0.10	0.10	1		02/14/22 17:35		

Sample: GP-3, S-5 Lab ID: 40240539004 Collected: 02/09/22 11:32 Received: 02/14/22 10:16 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									
Pace Analytical Services - Green Bay									
Benzene	<16.0	ug/kg	26.8	16.0	1	02/15/22 09:00	02/15/22 20:36	71-43-2	
Ethylbenzene	<16.0	ug/kg	67.1	16.0	1	02/15/22 09:00	02/15/22 20:36	100-41-4	
Methyl-tert-butyl ether	<19.7	ug/kg	67.1	19.7	1	02/15/22 09:00	02/15/22 20:36	1634-04-4	
Naphthalene	<20.9	ug/kg	335	20.9	1	02/15/22 09:00	02/15/22 20:36	91-20-3	
Toluene	<16.9	ug/kg	67.1	16.9	1	02/15/22 09:00	02/15/22 20:36	108-88-3	
1,2,4-Trimethylbenzene	<20.0	ug/kg	67.1	20.0	1	02/15/22 09:00	02/15/22 20:36	95-63-6	
1,3,5-Trimethylbenzene	<21.6	ug/kg	67.1	21.6	1	02/15/22 09:00	02/15/22 20:36	108-67-8	
m&p-Xylene	<28.3	ug/kg	134	28.3	1	02/15/22 09:00	02/15/22 20:36	179601-23-1	
o-Xylene	<20.1	ug/kg	67.1	20.1	1	02/15/22 09:00	02/15/22 20:36	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	116	%	66-153		1	02/15/22 09:00	02/15/22 20:36	460-00-4	
Toluene-d8 (S)	116	%	67-159		1	02/15/22 09:00	02/15/22 20:36	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	123	%	82-158		1	02/15/22 09:00	02/15/22 20:36	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	14.6	%	0.10	0.10	1		02/14/22 17:35		

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ANALYTICAL RESULTS

Project: P223016.20 STETSONVILLE OIL
Pace Project No.: 40240539

Sample: GP-3, S-6 Lab ID: 40240539005 Collected: 02/09/22 11:35 Received: 02/14/22 10:16 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									
Pace Analytical Services - Green Bay									
Benzene	<15.0	ug/kg	25.2	15.0	1	02/15/22 09:00	02/15/22 20:55	71-43-2	
Ethylbenzene	<15.0	ug/kg	62.9	15.0	1	02/15/22 09:00	02/15/22 20:55	100-41-4	
Methyl-tert-butyl ether	<18.5	ug/kg	62.9	18.5	1	02/15/22 09:00	02/15/22 20:55	1634-04-4	
Naphthalene	<19.6	ug/kg	315	19.6	1	02/15/22 09:00	02/15/22 20:55	91-20-3	
Toluene	<15.9	ug/kg	62.9	15.9	1	02/15/22 09:00	02/15/22 20:55	108-88-3	
1,2,4-Trimethylbenzene	<18.7	ug/kg	62.9	18.7	1	02/15/22 09:00	02/15/22 20:55	95-63-6	
1,3,5-Trimethylbenzene	<20.3	ug/kg	62.9	20.3	1	02/15/22 09:00	02/15/22 20:55	108-67-8	
m&p-Xylene	<26.5	ug/kg	126	26.5	1	02/15/22 09:00	02/15/22 20:55	179601-23-1	
o-Xylene	<18.9	ug/kg	62.9	18.9	1	02/15/22 09:00	02/15/22 20:55	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	66-153		1	02/15/22 09:00	02/15/22 20:55	460-00-4	
Toluene-d8 (S)	103	%	67-159		1	02/15/22 09:00	02/15/22 20:55	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	111	%	82-158		1	02/15/22 09:00	02/15/22 20:55	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	11.4	%	0.10	0.10	1		02/14/22 17:35		

Sample: GP-4, S-3 Lab ID: 40240539006 Collected: 02/09/22 12:35 Received: 02/14/22 10:16 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									
Pace Analytical Services - Green Bay									
Benzene	<16.2	ug/kg	27.3	16.2	1	02/15/22 09:00	02/15/22 21:15	71-43-2	
Ethylbenzene	280	ug/kg	68.2	16.2	1	02/15/22 09:00	02/15/22 21:15	100-41-4	
Methyl-tert-butyl ether	<20.0	ug/kg	68.2	20.0	1	02/15/22 09:00	02/15/22 21:15	1634-04-4	
Naphthalene	153J	ug/kg	341	21.3	1	02/15/22 09:00	02/15/22 21:15	91-20-3	
Toluene	<17.2	ug/kg	68.2	17.2	1	02/15/22 09:00	02/15/22 21:15	108-88-3	
1,2,4-Trimethylbenzene	2630	ug/kg	68.2	20.3	1	02/15/22 09:00	02/15/22 21:15	95-63-6	
1,3,5-Trimethylbenzene	1720	ug/kg	68.2	21.9	1	02/15/22 09:00	02/15/22 21:15	108-67-8	
m&p-Xylene	340	ug/kg	136	28.8	1	02/15/22 09:00	02/15/22 21:15	179601-23-1	
o-Xylene	<20.4	ug/kg	68.2	20.4	1	02/15/22 09:00	02/15/22 21:15	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	113	%	66-153		1	02/15/22 09:00	02/15/22 21:15	460-00-4	
Toluene-d8 (S)	119	%	67-159		1	02/15/22 09:00	02/15/22 21:15	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	124	%	82-158		1	02/15/22 09:00	02/15/22 21:15	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	15.4	%	0.10	0.10	1		02/14/22 17:36		

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ANALYTICAL RESULTS

Project: P223016.20 STETSONVILLE OIL
 Pace Project No.: 40240539

Sample: GP-4, S-6 Lab ID: 40240539007 Collected: 02/09/22 12:48 Received: 02/14/22 10:16 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 Pace Analytical Services - Green Bay									
Benzene	<14.7	ug/kg	24.6	14.7	1	02/15/22 09:00	02/15/22 21:34	71-43-2	
Ethylbenzene	130	ug/kg	61.6	14.7	1	02/15/22 09:00	02/15/22 21:34	100-41-4	
Methyl-tert-butyl ether	<18.1	ug/kg	61.6	18.1	1	02/15/22 09:00	02/15/22 21:34	1634-04-4	
Naphthalene	<19.2	ug/kg	308	19.2	1	02/15/22 09:00	02/15/22 21:34	91-20-3	
Toluene	<15.5	ug/kg	61.6	15.5	1	02/15/22 09:00	02/15/22 21:34	108-88-3	
1,2,4-Trimethylbenzene	1780	ug/kg	61.6	18.3	1	02/15/22 09:00	02/15/22 21:34	95-63-6	
1,3,5-Trimethylbenzene	1200	ug/kg	61.6	19.8	1	02/15/22 09:00	02/15/22 21:34	108-67-8	
m&p-Xylene	88.0J	ug/kg	123	26.0	1	02/15/22 09:00	02/15/22 21:34	179601-23-1	
o-Xylene	<18.5	ug/kg	61.6	18.5	1	02/15/22 09:00	02/15/22 21:34	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	110	%	66-153		1	02/15/22 09:00	02/15/22 21:34	460-00-4	
Toluene-d8 (S)	111	%	67-159		1	02/15/22 09:00	02/15/22 21:34	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	120	%	82-158		1	02/15/22 09:00	02/15/22 21:34	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay									
Percent Moisture	10.4	%	0.10	0.10	1		02/14/22 17:36		

Sample: GP-5, S-4 Lab ID: 40240539008 Collected: 02/09/22 13:20 Received: 02/14/22 10:16 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 Pace Analytical Services - Green Bay									
Benzene	<15.5	ug/kg	26.1	15.5	1	02/15/22 09:00	02/16/22 10:35	71-43-2	
Ethylbenzene	103	ug/kg	65.2	15.5	1	02/15/22 09:00	02/16/22 10:35	100-41-4	
Methyl-tert-butyl ether	<19.2	ug/kg	65.2	19.2	1	02/15/22 09:00	02/16/22 10:35	1634-04-4	
Naphthalene	<20.3	ug/kg	326	20.3	1	02/15/22 09:00	02/16/22 10:35	91-20-3	
Toluene	<16.4	ug/kg	65.2	16.4	1	02/15/22 09:00	02/16/22 10:35	108-88-3	
1,2,4-Trimethylbenzene	<19.4	ug/kg	65.2	19.4	1	02/15/22 09:00	02/16/22 10:35	95-63-6	
1,3,5-Trimethylbenzene	<21.0	ug/kg	65.2	21.0	1	02/15/22 09:00	02/16/22 10:35	108-67-8	
m&p-Xylene	<27.5	ug/kg	130	27.5	1	02/15/22 09:00	02/16/22 10:35	179601-23-1	
o-Xylene	<19.5	ug/kg	65.2	19.5	1	02/15/22 09:00	02/16/22 10:35	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	66-153		1	02/15/22 09:00	02/16/22 10:35	460-00-4	
Toluene-d8 (S)	108	%	67-159		1	02/15/22 09:00	02/16/22 10:35	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	116	%	82-158		1	02/15/22 09:00	02/16/22 10:35	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay									
Percent Moisture	13.2	%	0.10	0.10	1		02/14/22 17:36		

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ANALYTICAL RESULTS

Project: P223016.20 STETSONVILLE OIL
Pace Project No.: 40240539

Sample: GP-5, S-6 Lab ID: 40240539009 Collected: 02/09/22 13:25 Received: 02/14/22 10:16 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 Pace Analytical Services - Green Bay									
Benzene	404J	ug/kg	490	292	20	02/15/22 09:00	02/15/22 22:13	71-43-2	
Ethylbenzene	16200	ug/kg	1230	292	20	02/15/22 09:00	02/15/22 22:13	100-41-4	
Methyl-tert-butyl ether	<360	ug/kg	1230	360	20	02/15/22 09:00	02/15/22 22:13	1634-04-4	
Naphthalene	5990J	ug/kg	6130	382	20	02/15/22 09:00	02/15/22 22:13	91-20-3	
Toluene	987J	ug/kg	1230	309	20	02/15/22 09:00	02/15/22 22:13	108-88-3	
1,2,4-Trimethylbenzene	53700	ug/kg	1230	365	20	02/15/22 09:00	02/15/22 22:13	95-63-6	
1,3,5-Trimethylbenzene	16600	ug/kg	1230	395	20	02/15/22 09:00	02/15/22 22:13	108-67-8	
m&p-Xylene	52100	ug/kg	2450	517	20	02/15/22 09:00	02/15/22 22:13	179601-23-1	
o-Xylene	11100	ug/kg	1230	368	20	02/15/22 09:00	02/15/22 22:13	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	130	%	66-153		20	02/15/22 09:00	02/15/22 22:13	460-00-4	S4
Toluene-d8 (S)	123	%	67-159		20	02/15/22 09:00	02/15/22 22:13	2037-26-5	S4
1,2-Dichlorobenzene-d4 (S)	162	%	82-158		20	02/15/22 09:00	02/15/22 22:13	2199-69-1	S4
Percent Moisture									
Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay									
Percent Moisture	10.1	%	0.10	0.10	1		02/14/22 17:36		

Sample: MEOH BLANK Lab ID: 40240539010 Collected: 02/09/22 00:00 Received: 02/14/22 10:16 Matrix: Solid

Results reported on a "wet-weight" basis

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 Pace Analytical Services - Green Bay									
Benzene	<11.9	ug/kg	20.0	11.9	1	02/15/22 09:00	02/15/22 14:38	71-43-2	
Ethylbenzene	<11.9	ug/kg	50.0	11.9	1	02/15/22 09:00	02/15/22 14:38	100-41-4	
Methyl-tert-butyl ether	<14.7	ug/kg	50.0	14.7	1	02/15/22 09:00	02/15/22 14:38	1634-04-4	
Naphthalene	<15.6	ug/kg	250	15.6	1	02/15/22 09:00	02/15/22 14:38	91-20-3	
Toluene	<12.6	ug/kg	50.0	12.6	1	02/15/22 09:00	02/15/22 14:38	108-88-3	
1,2,4-Trimethylbenzene	<14.9	ug/kg	50.0	14.9	1	02/15/22 09:00	02/15/22 14:38	95-63-6	
1,3,5-Trimethylbenzene	<16.1	ug/kg	50.0	16.1	1	02/15/22 09:00	02/15/22 14:38	108-67-8	
m&p-Xylene	<21.1	ug/kg	100	21.1	1	02/15/22 09:00	02/15/22 14:38	179601-23-1	
o-Xylene	<15.0	ug/kg	50.0	15.0	1	02/15/22 09:00	02/15/22 14:38	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	66-153		1	02/15/22 09:00	02/15/22 14:38	460-00-4	
Toluene-d8 (S)	97	%	67-159		1	02/15/22 09:00	02/15/22 14:38	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	82-158		1	02/15/22 09:00	02/15/22 14:38	2199-69-1	

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QUALITY CONTROL DATA

Project: P223016.20 STETSONVILLE OIL
Pace Project No.: 40240539

QC Batch: 408284 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Short List
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40240539003, 40240539004, 40240539005, 40240539006, 40240539007, 40240539008, 40240539009, 40240539010

METHOD BLANK: 2353428 Matrix: Solid
Associated Lab Samples: 40240539003, 40240539004, 40240539005, 40240539006, 40240539007, 40240539008, 40240539009, 40240539010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	<14.9	50.0	02/15/22 12:42	
1,3,5-Trimethylbenzene	ug/kg	<16.1	50.0	02/15/22 12:42	
Benzene	ug/kg	<11.9	20.0	02/15/22 12:42	
Ethylbenzene	ug/kg	<11.9	50.0	02/15/22 12:42	
m&p-Xylene	ug/kg	<21.1	100	02/15/22 12:42	
Methyl-tert-butyl ether	ug/kg	<14.7	50.0	02/15/22 12:42	
Naphthalene	ug/kg	<15.6	250	02/15/22 12:42	
o-Xylene	ug/kg	<15.0	50.0	02/15/22 12:42	
Toluene	ug/kg	<12.6	50.0	02/15/22 12:42	
1,2-Dichlorobenzene-d4 (S)	%	104	82-158	02/15/22 12:42	
4-Bromofluorobenzene (S)	%	103	66-153	02/15/22 12:42	
Toluene-d8 (S)	%	99	67-159	02/15/22 12:42	

LABORATORY CONTROL SAMPLE: 2353429

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	2500	2530	101	70-130	
Ethylbenzene	ug/kg	2500	2800	112	78-120	
m&p-Xylene	ug/kg	5000	5330	107	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2300	92	65-130	
o-Xylene	ug/kg	2500	2700	108	70-130	
Toluene	ug/kg	2500	2500	100	76-120	
1,2-Dichlorobenzene-d4 (S)	%			108	82-158	
4-Bromofluorobenzene (S)	%			110	66-153	
Toluene-d8 (S)	%			101	67-159	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2353430 2353431

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40240537002 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
Benzene	ug/kg	<16.0	1350	1350	1220	1200	91	89	70-130	2	20	
Ethylbenzene	ug/kg	<16.0	1350	1350	1310	1300	97	97	78-120	1	20	
m&p-Xylene	ug/kg	<28.4	2700	2700	2570	2520	95	94	70-130	2	20	
Methyl-tert-butyl ether	ug/kg	<19.8	1350	1350	1140	1070	85	80	65-130	6	20	
o-Xylene	ug/kg	<20.2	1350	1350	1280	1270	95	95	70-130	0	20	
Toluene	ug/kg	<17.0	1350	1350	1270	1240	94	92	76-120	2	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

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QUALITY CONTROL DATA

Project: P223016.20 STETSONVILLE OIL
Pace Project No.: 40240539

Parameter	Units	2353430		2353431		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40240537002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
1,2-Dichlorobenzene-d4 (S)	%					124	123	82-158			
4-Bromofluorobenzene (S)	%					124	121	66-153			
Toluene-d8 (S)	%					121	118	67-159			

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QUALITY CONTROL DATA

Project: P223016.20 STETSONVILLE OIL
 Pace Project No.: 40240539

QC Batch: 408426 Analysis Method: EPA 8260
 QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Short List
 Laboratory: Pace Analytical Services - Green Bay
 Associated Lab Samples: 40240539001, 40240539002

METHOD BLANK: 2354055 Matrix: Solid
 Associated Lab Samples: 40240539001, 40240539002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	<14.9	50.0	02/17/22 11:08	
1,3,5-Trimethylbenzene	ug/kg	<16.1	50.0	02/17/22 11:08	
Benzene	ug/kg	<11.9	20.0	02/17/22 11:08	
Ethylbenzene	ug/kg	<11.9	50.0	02/17/22 11:08	
m&p-Xylene	ug/kg	<21.1	100	02/17/22 11:08	
Methyl-tert-butyl ether	ug/kg	<14.7	50.0	02/17/22 11:08	
Naphthalene	ug/kg	<15.6	250	02/17/22 11:08	
o-Xylene	ug/kg	<15.0	50.0	02/17/22 11:08	
Toluene	ug/kg	<12.6	50.0	02/17/22 11:08	
1,2-Dichlorobenzene-d4 (S)	%	89	82-158	02/17/22 11:08	
4-Bromofluorobenzene (S)	%	87	66-153	02/17/22 11:08	
Toluene-d8 (S)	%	89	67-159	02/17/22 11:08	

LABORATORY CONTROL SAMPLE: 2354056

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	2500	2330	93	70-130	
Ethylbenzene	ug/kg	2500	2300	92	78-120	
m&p-Xylene	ug/kg	5000	4660	93	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2000	80	65-130	
o-Xylene	ug/kg	2500	2370	95	70-130	
Toluene	ug/kg	2500	2340	94	76-120	
1,2-Dichlorobenzene-d4 (S)	%			86	82-158	
4-Bromofluorobenzene (S)	%			87	66-153	
Toluene-d8 (S)	%			88	67-159	

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QUALITY CONTROL DATA

Project: P223016.20 STETSONVILLE OIL
 Pace Project No.: 40240539

QC Batch:	408222	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40240539001, 40240539002, 40240539003, 40240539004, 40240539005, 40240539006, 40240539007, 40240539008, 40240539009

SAMPLE DUPLICATE: 2353128

Parameter	Units	40240539001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	14.6	15.4	6	10	

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QUALIFIERS

Project: P223016.20 STETSONVILLE OIL
Pace Project No.: 40240539

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

S4 Surrogate recovery not evaluated against control limits due to sample dilution.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: P223016.20 STETSONVILLE OIL
Pace Project No.: 40240539

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40240539001	GP-1, S-4	EPA 5035/5030B	408426	EPA 8260	408430
40240539002	GP-1, S-6	EPA 5035/5030B	408426	EPA 8260	408430
40240539003	GP-2, S-6	EPA 5035/5030B	408284	EPA 8260	408286
40240539004	GP-3, S-5	EPA 5035/5030B	408284	EPA 8260	408286
40240539005	GP-3, S-6	EPA 5035/5030B	408284	EPA 8260	408286
40240539006	GP-4, S-3	EPA 5035/5030B	408284	EPA 8260	408286
40240539007	GP-4, S-6	EPA 5035/5030B	408284	EPA 8260	408286
40240539008	GP-5, S-4	EPA 5035/5030B	408284	EPA 8260	408286
40240539009	GP-5, S-6	EPA 5035/5030B	408284	EPA 8260	408286
40240539010	MEOH BLANK	EPA 5035/5030B	408284	EPA 8260	408286
40240539001	GP-1, S-4	ASTM D2974-87	408222		
40240539002	GP-1, S-6	ASTM D2974-87	408222		
40240539003	GP-2, S-6	ASTM D2974-87	408222		
40240539004	GP-3, S-5	ASTM D2974-87	408222		
40240539005	GP-3, S-6	ASTM D2974-87	408222		
40240539006	GP-4, S-3	ASTM D2974-87	408222		
40240539007	GP-4, S-6	ASTM D2974-87	408222		
40240539008	GP-5, S-4	ASTM D2974-87	408222		
40240539009	GP-5, S-6	ASTM D2974-87	408222		

REPORT OF LABORATORY ANALYSIS

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(Please Print Clearly)

Company Name: *Endeavor Env. Serv. Inc*
 Branch/Location: *Green Bay*
 Project Contact: *Joseph Rancheck*
 Phone: *920-437-2997*
 Project Number: *P223016.20*
 Project Name: *Stetsonville Oil Clark*
 Project State: *WI*
 Sampled By (Print): *Joseph Rancheck*
 Sampled By (Sign): *[Signature]*
 PO #:



UPPER MIDWEST REGION
 MN: 612-607-1700 WI: 920-469-2436

40240539

CHAIN OF CUSTODY

***Preservation Codes**
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED?
(YES/NO)
 PRESERVATION
(CODE)*

Y/N	Pick Letter	Analyses Requested	Matrix	DATE	TIME	MATRIX
N	F	PDOC PPHS Methanol	S	02/09/22	10:20	S
					10:30	
					11:05	
					11:32	
					11:35	
					12:35	
					12:45	
					13:20	
					13:25	
			Meth			

Quote #:
 Mail To Contact: *Joseph Rancheck*
 Mail To Company: *Endeavor Env. Serv. Inc*
 Mail To Address: *2280-B Salscheider Ct
Green Bay, WI 54303*
 Invoice To Contact: *Same as "Mail To"*
 Invoice To Company:
 Invoice To Address:
 Invoice To Phone:

Data Package Options (billable)
 EPA Level III
 EPA Level IV

MS/MSD
 On your sample (billable)
 NOT needed on your sample

Matrix Codes
 A = Air W = Water
 B = Biota DW = Drinking Water
 C = Charcoal GW = Ground Water
 O = Oil SW = Surface Water
 S = Soil WW = Waste Water
 SI = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	DATE	TIME	MATRIX
001	GP-1, S-4	02/09/22	10:20	S
002	GP-1, S-6		10:30	
003	GP-2, S-6		11:05	
004	GP-3, S-5		11:32	
005	GP-3, S-6		11:35	
006	GP-4, S-3		12:35	
007	GP-4, S-6		12:45	
008	GP-5, S-4		13:20	
009	GP-5, S-6		13:25	
010	Meth Blank			Meth


CLIENT COMMENTS
 LAB COMMENTS (Lab Use Only)
 Profile #

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge)
 Date Needed: *02/14/22*

Transmit Prelim Rush Results by (complete what you want):

Relinquished By: <i>[Signature]</i> Date/Time: <i>02/14/22 10:16</i>	Received By: <i>[Signature]</i> Date/Time: <i>2/14/22 10:16</i>	PACE Project No. <i>40240539</i>
Relinquished By:	Received By:	Receipt Temp = <i>0</i> °C
Relinquished By:	Received By:	Sample Receipt pH OK / Adjusted
Relinquished By:	Received By:	Cooler Custody Seal Present / Not Present Intact / Not Intact

Samples on HOLD are subject to special pricing and release of liability


 1241 Bellevue Street, Green Bay, WI 54302	Document Name: Sample Condition Upon Receipt (SCUR)	Document Revised: 26Mar2020
	Document No.: ENV-FRM-GBAY-0014-Rev.00	Author: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Client Name: Endeavor Project #: _____

Courier: CS Logistics Fed Ex Speedee UPS Walco
 Client Pace Other: _____

WO#: 40240539



40240539

Tracking #: _____

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-110 Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: /Corr:

Temp Blank Present: yes no Biological Tissue is Frozen: yes no

Temp should be above freezing to 6°C.
 Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Person examining contents:
 Date: 2/14/22 Initials: MA
 Labeled By Initials: MAH

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
- Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
- Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>603 vial no time</u>
- Includes date/time/ID/Analysis Matrix: <u>S</u>		<u>MA 2/14/22</u>
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): <u>B128502VB</u>		

Client Notification/ Resolution: _____ If checked, see attached form for additional comments

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample logli



APPENDIX C

Groundwater Sample Laboratory Analytical Report



Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

February 18, 2022

Joe Ramcheck
Endeavor Environmental Services, Inc.
2280-B Salscheider Court
Green Bay, WI 54313

RE: Project: P223016.20 STETSONVILLE OIL
Pace Project No.: 40240530

Dear Joe Ramcheck:

Enclosed are the analytical results for sample(s) received by the laboratory on February 14, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Green Bay

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

Sincerely,

Christopher Hyska
christopher.hyska@pacelabs.com
(920)469-2436
Project Manager

Enclosures



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Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: P223016.20 STETSONVILLE OIL
Pace Project No.: 40240530

Pace Analytical Services Green Bay

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

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SAMPLE SUMMARY

Project: P223016.20 STETSONVILLE OIL
Pace Project No.: 40240530

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40240530001	GP-1	Water	02/09/22 12:10	02/14/22 10:16
40240530002	GP-2	Water	02/09/22 11:20	02/14/22 10:16
40240530003	GP-3	Water	02/09/22 11:55	02/14/22 10:16
40240530004	GP-4	Water	02/09/22 13:05	02/14/22 10:16
40240530005	GP-5	Water	02/09/22 13:45	02/14/22 10:16
40240530006	TRIP BLANK	Water	02/09/22 00:00	02/14/22 10:16

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SAMPLE ANALYTE COUNT

Project: P223016.20 STETSONVILLE OIL
Pace Project No.: 40240530

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40240530001	GP-1	EPA 8260	JAV	12	PASI-G
40240530002	GP-2	EPA 8260	JAV	12	PASI-G
40240530003	GP-3	EPA 8260	JAV	12	PASI-G
40240530004	GP-4	EPA 8260	JAV	12	PASI-G
40240530005	GP-5	EPA 8260	JAV	12	PASI-G
40240530006	TRIP BLANK	EPA 8260	JAV	12	PASI-G

PASI-G = Pace Analytical Services - Green Bay

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SUMMARY OF DETECTION

Project: P223016.20 STETSONVILLE OIL
Pace Project No.: 40240530

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40240530001	GP-1					
EPA 8260	Ethylbenzene	1.5	ug/L	1.0	02/17/22 13:26	
EPA 8260	Toluene	1.3	ug/L	1.0	02/17/22 13:26	
EPA 8260	1,2,4-Trimethylbenzene	0.66J	ug/L	1.0	02/17/22 13:26	
EPA 8260	m&p-Xylene	2.3	ug/L	2.0	02/17/22 13:26	
EPA 8260	o-Xylene	1.1	ug/L	1.0	02/17/22 13:26	
40240530002	GP-2					
EPA 8260	Benzene	0.36J	ug/L	1.0	02/17/22 13:45	
40240530003	GP-3					
EPA 8260	Benzene	0.81J	ug/L	1.0	02/17/22 14:04	
EPA 8260	Ethylbenzene	26.6	ug/L	1.0	02/17/22 14:04	
EPA 8260	Naphthalene	2.9J	ug/L	5.0	02/17/22 14:04	
EPA 8260	1,2,4-Trimethylbenzene	127	ug/L	1.0	02/17/22 14:04	
EPA 8260	1,3,5-Trimethylbenzene	43.4	ug/L	1.0	02/17/22 14:04	
EPA 8260	m&p-Xylene	7.9	ug/L	2.0	02/17/22 14:04	
EPA 8260	o-Xylene	2.9	ug/L	1.0	02/17/22 14:04	
40240530004	GP-4					
EPA 8260	Benzene	1200	ug/L	40.0	02/17/22 17:37	
EPA 8260	Ethylbenzene	3940	ug/L	40.0	02/17/22 17:37	
EPA 8260	Naphthalene	2150	ug/L	200	02/17/22 17:37	
EPA 8260	Toluene	945	ug/L	40.0	02/17/22 17:37	
EPA 8260	1,2,4-Trimethylbenzene	5570	ug/L	40.0	02/17/22 17:37	
EPA 8260	1,3,5-Trimethylbenzene	1550	ug/L	40.0	02/17/22 17:37	
EPA 8260	m&p-Xylene	13500	ug/L	80.0	02/17/22 17:37	
EPA 8260	o-Xylene	6100	ug/L	40.0	02/17/22 17:37	
40240530005	GP-5					
EPA 8260	Benzene	36.4	ug/L	10.0	02/17/22 17:56	
EPA 8260	Ethylbenzene	637	ug/L	10.0	02/17/22 17:56	
EPA 8260	Naphthalene	480	ug/L	50.0	02/17/22 17:56	
EPA 8260	Toluene	31.4	ug/L	10.0	02/17/22 17:56	
EPA 8260	1,2,4-Trimethylbenzene	1710	ug/L	10.0	02/17/22 17:56	
EPA 8260	1,3,5-Trimethylbenzene	331	ug/L	10.0	02/17/22 17:56	
EPA 8260	m&p-Xylene	1750	ug/L	20.0	02/17/22 17:56	
EPA 8260	o-Xylene	147	ug/L	10.0	02/17/22 17:56	

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: P223016.20 STETSONVILLE OIL
Pace Project No.: 40240530

Method: EPA 8260
Description: 8260 MSV UST
Client: Endeavor Environmental Services, Inc.
Date: February 18, 2022

General Information:

6 samples were analyzed for EPA 8260 by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

- pH: Post-analysis pH measurement indicates insufficient VOA sample preservation.
- GP-4 (Lab ID: 40240530004)

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: P223016.20 STETSONVILLE OIL
 Pace Project No.: 40240530

Sample: GP-1 Lab ID: 40240530001 Collected: 02/09/22 12:10 Received: 02/14/22 10:16 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		02/17/22 13:26	71-43-2	
Ethylbenzene	1.5	ug/L	1.0	0.33	1		02/17/22 13:26	100-41-4	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		02/17/22 13:26	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		02/17/22 13:26	91-20-3	
Toluene	1.3	ug/L	1.0	0.29	1		02/17/22 13:26	108-88-3	
1,2,4-Trimethylbenzene	0.66J	ug/L	1.0	0.45	1		02/17/22 13:26	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		02/17/22 13:26	108-67-8	
m&p-Xylene	2.3	ug/L	2.0	0.70	1		02/17/22 13:26	179601-23-1	
o-Xylene	1.1	ug/L	1.0	0.35	1		02/17/22 13:26	95-47-6	
Surrogates									
Toluene-d8 (S)	95	%	70-130		1		02/17/22 13:26	2037-26-5	
4-Bromofluorobenzene (S)	101	%	70-130		1		02/17/22 13:26	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		02/17/22 13:26	2199-69-1	

Sample: GP-2 Lab ID: 40240530002 Collected: 02/09/22 11:20 Received: 02/14/22 10:16 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	0.36J	ug/L	1.0	0.30	1		02/17/22 13:45	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		02/17/22 13:45	100-41-4	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		02/17/22 13:45	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		02/17/22 13:45	91-20-3	
Toluene	<0.29	ug/L	1.0	0.29	1		02/17/22 13:45	108-88-3	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		02/17/22 13:45	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		02/17/22 13:45	108-67-8	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		02/17/22 13:45	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		02/17/22 13:45	95-47-6	
Surrogates									
Toluene-d8 (S)	95	%	70-130		1		02/17/22 13:45	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130		1		02/17/22 13:45	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		02/17/22 13:45	2199-69-1	

Sample: GP-3 Lab ID: 40240530003 Collected: 02/09/22 11:55 Received: 02/14/22 10:16 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	0.81J	ug/L	1.0	0.30	1		02/17/22 14:04	71-43-2	
Ethylbenzene	26.6	ug/L	1.0	0.33	1		02/17/22 14:04	100-41-4	

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ANALYTICAL RESULTS

Project: P223016.20 STETSONVILLE OIL
 Pace Project No.: 40240530

Sample: GP-3 Lab ID: 40240530003 Collected: 02/09/22 11:55 Received: 02/14/22 10:16 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		02/17/22 14:04	1634-04-4	
Naphthalene	2.9J	ug/L	5.0	1.1	1		02/17/22 14:04	91-20-3	
Toluene	<0.29	ug/L	1.0	0.29	1		02/17/22 14:04	108-88-3	
1,2,4-Trimethylbenzene	127	ug/L	1.0	0.45	1		02/17/22 14:04	95-63-6	
1,3,5-Trimethylbenzene	43.4	ug/L	1.0	0.36	1		02/17/22 14:04	108-67-8	
m&p-Xylene	7.9	ug/L	2.0	0.70	1		02/17/22 14:04	179601-23-1	
o-Xylene	2.9	ug/L	1.0	0.35	1		02/17/22 14:04	95-47-6	
Surrogates									
Toluene-d8 (S)	95	%	70-130		1		02/17/22 14:04	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130		1		02/17/22 14:04	460-00-4	
1,2-Dichlorobenzene-d4 (S)	108	%	70-130		1		02/17/22 14:04	2199-69-1	

Sample: GP-4 Lab ID: 40240530004 Collected: 02/09/22 13:05 Received: 02/14/22 10:16 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	1200	ug/L	40.0	11.8	40		02/17/22 17:37	71-43-2	
Ethylbenzene	3940	ug/L	40.0	13.0	40		02/17/22 17:37	100-41-4	
Methyl-tert-butyl ether	<45.2	ug/L	200	45.2	40		02/17/22 17:37	1634-04-4	
Naphthalene	2150	ug/L	200	45.2	40		02/17/22 17:37	91-20-3	
Toluene	945	ug/L	40.0	11.5	40		02/17/22 17:37	108-88-3	
1,2,4-Trimethylbenzene	5570	ug/L	40.0	17.9	40		02/17/22 17:37	95-63-6	
1,3,5-Trimethylbenzene	1550	ug/L	40.0	14.3	40		02/17/22 17:37	108-67-8	
m&p-Xylene	13500	ug/L	80.0	28.0	40		02/17/22 17:37	179601-23-1	
o-Xylene	6100	ug/L	40.0	13.9	40		02/17/22 17:37	95-47-6	
Surrogates									
Toluene-d8 (S)	96	%	70-130		40		02/17/22 17:37	2037-26-5	pH
4-Bromofluorobenzene (S)	98	%	70-130		40		02/17/22 17:37	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		40		02/17/22 17:37	2199-69-1	

Sample: GP-5 Lab ID: 40240530005 Collected: 02/09/22 13:45 Received: 02/14/22 10:16 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	36.4	ug/L	10.0	3.0	10		02/17/22 17:56	71-43-2	
Ethylbenzene	637	ug/L	10.0	3.3	10		02/17/22 17:56	100-41-4	
Methyl-tert-butyl ether	<11.3	ug/L	50.0	11.3	10		02/17/22 17:56	1634-04-4	
Naphthalene	480	ug/L	50.0	11.3	10		02/17/22 17:56	91-20-3	

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ANALYTICAL RESULTS

Project: P223016.20 STETSONVILLE OIL
 Pace Project No.: 40240530

Sample: GP-5 **Lab ID: 40240530005** Collected: 02/09/22 13:45 Received: 02/14/22 10:16 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Toluene	31.4	ug/L	10.0	2.9	10		02/17/22 17:56	108-88-3	
1,2,4-Trimethylbenzene	1710	ug/L	10.0	4.5	10		02/17/22 17:56	95-63-6	
1,3,5-Trimethylbenzene	331	ug/L	10.0	3.6	10		02/17/22 17:56	108-67-8	
m&p-Xylene	1750	ug/L	20.0	7.0	10		02/17/22 17:56	179601-23-1	
o-Xylene	147	ug/L	10.0	3.5	10		02/17/22 17:56	95-47-6	
Surrogates									
Toluene-d8 (S)	98	%	70-130		10		02/17/22 17:56	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130		10		02/17/22 17:56	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		10		02/17/22 17:56	2199-69-1	

Sample: TRIP BLANK **Lab ID: 40240530006** Collected: 02/09/22 00:00 Received: 02/14/22 10:16 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		02/17/22 11:53	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		02/17/22 11:53	100-41-4	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		02/17/22 11:53	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		02/17/22 11:53	91-20-3	
Toluene	<0.29	ug/L	1.0	0.29	1		02/17/22 11:53	108-88-3	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		02/17/22 11:53	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		02/17/22 11:53	108-67-8	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		02/17/22 11:53	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		02/17/22 11:53	95-47-6	
Surrogates									
Toluene-d8 (S)	95	%	70-130		1		02/17/22 11:53	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130		1		02/17/22 11:53	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		02/17/22 11:53	2199-69-1	

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QUALITY CONTROL DATA

Project: P223016.20 STETSONVILLE OIL
Pace Project No.: 40240530

QC Batch: 408306 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV UST-WATER
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40240530001, 40240530002, 40240530003, 40240530004, 40240530005, 40240530006

METHOD BLANK: 2353546 Matrix: Water
Associated Lab Samples: 40240530001, 40240530002, 40240530003, 40240530004, 40240530005, 40240530006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	02/17/22 08:46	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	02/17/22 08:46	
Benzene	ug/L	<0.30	1.0	02/17/22 08:46	
Ethylbenzene	ug/L	<0.33	1.0	02/17/22 08:46	
m&p-Xylene	ug/L	<0.70	2.0	02/17/22 08:46	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	02/17/22 08:46	
Naphthalene	ug/L	<1.1	5.0	02/17/22 08:46	
o-Xylene	ug/L	<0.35	1.0	02/17/22 08:46	
Toluene	ug/L	<0.29	1.0	02/17/22 08:46	
1,2-Dichlorobenzene-d4 (S)	%	105	70-130	02/17/22 08:46	
4-Bromofluorobenzene (S)	%	103	70-130	02/17/22 08:46	
Toluene-d8 (S)	%	97	70-130	02/17/22 08:46	

LABORATORY CONTROL SAMPLE: 2353547

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	50.2	100	70-132	
Ethylbenzene	ug/L	50	51.1	102	80-123	
m&p-Xylene	ug/L	100	101	101	70-130	
Methyl-tert-butyl ether	ug/L	50	47.4	95	66-130	
o-Xylene	ug/L	50	49.6	99	70-130	
Toluene	ug/L	50	47.1	94	80-121	
1,2-Dichlorobenzene-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			103	70-130	
Toluene-d8 (S)	%			95	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2353548 2353549

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40240490064 Result	Spike Conc.	Spike Conc.	MS Result						
Benzene	ug/L	<1.0	50	50	48.1	48.9	96	97	70-132	2	20
Ethylbenzene	ug/L	<1.0	50	50	47.2	48.5	94	97	80-123	3	20
m&p-Xylene	ug/L	<2.0	100	100	92.6	94.0	92	94	70-130	2	20
Methyl-tert-butyl ether	ug/L	<5.0	50	50	46.8	48.1	94	96	66-130	3	20
o-Xylene	ug/L	<1.0	50	50	46.4	47.8	93	96	70-130	3	20
Toluene	ug/L	<1.0	50	50	44.9	46.1	89	92	80-121	3	20
1,2-Dichlorobenzene-d4 (S)	%						103	102	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.

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QUALITY CONTROL DATA

Project: P223016.20 STETSONVILLE OIL
Pace Project No.: 40240530

Parameter	Units	2353548		2353549		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40240490064 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
4-Bromofluorobenzene (S)	%					103	104	70-130			
Toluene-d8 (S)	%					95	95	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

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QUALIFIERS

Project: P223016.20 STETSONVILLE OIL
Pace Project No.: 40240530

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

pH Post-analysis pH measurement indicates insufficient VOA sample preservation.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: P223016.20 STETSONVILLE OIL
Pace Project No.: 40240530

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40240530001	GP-1	EPA 8260	408306		
40240530002	GP-2	EPA 8260	408306		
40240530003	GP-3	EPA 8260	408306		
40240530004	GP-4	EPA 8260	408306		
40240530005	GP-5	EPA 8260	408306		
40240530006	TRIP BLANK	EPA 8260	408306		

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(Please Print Clearly)

UPPER MIDWEST REGION

Page 1 of 1

Company Name: Endeavor Env. Serv. Inc.
Branch/Location: Green Bay
Project Contact: Joseph Ramcheck
Phone: 920-437-2997
Project Number: P 223016.20
Project Name: Stetsville Oil Clark
Project State: WI
Sampled By (Print): Joseph Ramcheck
Sampled By (Sign): [Signature]
PO #:
Regulatory Program:



MN: 612-607-1700 WI: 920-469-2436

40240530

CHAIN OF CUSTODY

***Preservation Codes**
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED?
(YES/NO)
PRESERVATION (CODE)*

YIN	Pick Letter	Analyses Requested	MATRIX
N	B	PVOC plus naphthalene	GW

Data Package Options (billable)
 EPA Level III
 EPA Level IV
MS/MSD (billable)
 On your sample
 NOT needed on your sample
Matrix Codes
 A= Air B= Biota C= Charcoal Q= Oil S= Soil SI= Sludge
 W= Water DW= Drinking Water GW= Ground Water SW= Surface Water WW= Waste Water WP= Wipe

Quote #:
Mail To Contact: Joseph Ramcheck
Mail To Company: Endeavor Env. Serv. Inc.
Mail To Address: 2280-B Sakscheider Ct Green Bay WI 54313
Invoice To Contact: Same as "Mail To"
Invoice To Company:
Invoice To Address:
Invoice To Phone:

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
001	GP-1	02/09/22	1210	GW
002	GP-2		1120	
003	GP-3		1155	
004	GP-4		1305	
005	GP-5		1345	
006	Tip Blank		-	Tip

CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge)
Date Needed:
 Relinquished By: [Signature] Date/Time: 02/14/2022 1016
 Received By: [Signature] Date/Time: 2/14/22 1016
 PACE Project No. 40240530
 Receipt Temp = 0 °C
 Sample Receipt pH OK / Adjusted
 Cooler Custody Seal Present / Not Present Intact / Not Intact
 Samples on HOLD are subject to special pricing and release of liability

Sample Preservation Receipt Form

Pace Analytical Services, LLC
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Client Name: Endeavor

Project # 40240530

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

Initial when completed:

Date/Time:


Lab Lot# of pH paper:

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

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	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T								ZPLC	GN			
001																																			2.5 / 5 / 10	
002																																			2.5 / 5 / 10	
003																																			2.5 / 5 / 10	
004																																			2.5 / 5 / 10	
005																																			2.5 / 5 / 10	
006																																			2.5 / 5 / 10	
007																																			2.5 / 5 / 10	
008																																			2.5 / 5 / 10	
009																																				2.5 / 5 / 10
010																																				2.5 / 5 / 10
011																																				2.5 / 5 / 10
012																																				2.5 / 5 / 10
013																																				2.5 / 5 / 10
014																																				2.5 / 5 / 10
015																																				2.5 / 5 / 10
016																																				2.5 / 5 / 10
017																																				2.5 / 5 / 10
018																																				2.5 / 5 / 10
019																																				2.5 / 5 / 10
020																																				2.5 / 5 / 10

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	VG9A	40 mL clear ascorbic	JGFU	4 oz amber jar unpres
BG1U	1 liter clear glass	BP3U	250 mL plastic unpres	DG9T	40 mL amber Na Thio	JG9U	9 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP3B	250 mL plastic NaOH	VG9U	40 mL clear vial unpres	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9H	40 mL clear vial HCL	WPFU	4 oz plastic jar unpres
AG4U	120 mL amber glass unpres	BP3S	250 mL plastic H2SO4	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG5U	100 mL amber glass unpres			VG9D	40 mL clear vial DI	ZPLC	ziploc bag
AG2S	500 mL amber glass H2SO4					GN	
BG3U	250 mL clear glass unpres						

 1241 Bellevue Street, Green Bay, WI 54302	Document Name: Sample Condition Upon Receipt (SCUR)	Document Revised: 26Mar2020
	Document No.: ENV-FRM-GBAY-0014-Rev.00	Author: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #: _____

Client Name: Endeavor

WO#: 40240530

Courier: CS Logistics Fed Ex Speedee UPS Walco
 Client Pace Other: _____



Tracking #: _____

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-110 Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 0 /Corr: 0

Temp Blank Present: yes no Biological Tissue Is Frozen: yes no

Temp should be above freezing to 6°C.
 Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Person examining contents:	
Date: <u>2/14/22</u>	Initials: <u>MA</u>
Labeled By Initials: <u>MA</u>	

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time: _____
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>W</u>		
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): <u>471</u>		

Client Notification/ Resolution: _____ If checked, see attached form for additional comments

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample logir