



May 16, 2024

Mr. Matt Thompson, Project Manager  
Remediation and Redevelopment Program  
Wisconsin Department of Natural Resources  
1300 West Clairemont Avenue  
Eau Claire, WI 54701-6127

**Re: Dun-Rite Cleaners**  
1008 Union Street  
Stevens Point, Wisconsin  
WDNR BRRTS No. 02-50-000577

**Subject: Spring 2024 Groundwater and Vapor Results**

Dear Mr. Thompson:

The purpose of this letter is to summarize the results of groundwater, soil vapor, and ambient air samples collected at and near the above-referenced Site during April 2024. The samples were collected as part of environmental investigations associated with the Dun-Rite Cleaners Site (the Site/Dun-Rite). The investigation is focused on chlorinated volatile organic compounds (VOCs), specifically tetrachloroethene (PCE) and trichloroethene (TCE).

The Site location is indicated on **Figure 1**.

### **Work Performed**

Sub-slab vapor and ambient air samples were collected on April 24, 2024, from the Dun-Rite building, the Guzman office building, and the blower station. A sample was not collected from SSV405 (the SW Office in the Guzman building) because the flow controller failed.

On April 18, the depths to water were measured from all monitoring wells, and groundwater samples were collected from monitoring wells GP-11, GP-12, and MWG-1 on October 12, 2023.

The sub-slab mitigation system operated continuously on timed operation of 12 hours on/12 hours off since the fall 2023 monitoring event.

### **Results**

#### Vapor

Vapor sample results are summarized on **Tables 1a, 1b, and 1c**; sample locations and PCE results are shown on **Figure 2**. The **laboratory report** is enclosed.

Ambient air samples from the Guzman office building (AA405, AA406, AA407, and AA408) were below Small Commercial Action Levels for PCE and TCE (Action Levels are 180 micrograms per cubic meter [ $\mu\text{g}/\text{m}^3$ ] and  $8.8 \mu\text{g}/\text{m}^3$ , respectively). PCE concentrations ranged from below its detection limit ( $<1.84 \mu\text{g}/\text{m}^3$ ) in the outdoor sample (AA405) to  $3.2 \mu\text{g}/\text{m}^3$  in the lobby sample (AA406). TCE concentrations were below its detection limit ( $<1.22 \mu\text{g}/\text{m}^3$ ) in all samples except the lobby (AA406).

The sub-slab samples collected from beneath the Guzman and Dun-Rite buildings were below the Small Commercial Sub-Slab Vapor Screening Levels of  $5,800 \mu\text{g}/\text{m}^3$  for PCE and  $290 \mu\text{g}/\text{m}^3$  for TCE. PCE concentrations ranged from  $7.8 \mu\text{g}/\text{m}^3$  in SSV203 (Dun-Rite building) to  $1,420 \mu\text{g}/\text{m}^3$  in SSV406 (the northwest office of the Guzman building). TCE ranged from less than its detection limit ( $<1.22 \mu\text{g}/\text{m}^3$ ) in both samples from the Dun-Rite building (SSV101 and SSV203) to  $4.8 \mu\text{g}/\text{m}^3$  in SSV406.

The Blower Exhaust sample had a PCE concentration of  $71.3 \mu\text{g}/\text{m}^3$  and a TCE concentration below its detection limit ( $<1.22 \mu\text{g}/\text{m}^3$ ).

### Groundwater

Well locations are shown on **Figure 3**. Water elevations and chemistry results are summarized on **Table 2**. Water elevations are presented graphically in **Chart 1**, and historic PCE results are displayed graphically on **Chart 2**. The **laboratory report** is enclosed.

The PCE concentrations in GP-11 ( $188 \mu\text{g}/\text{l}$ ) and GP-12 ( $27 \mu\text{g}/\text{l}$ ) were above its Enforcement Standard (ES) of 5.0 micrograms per liter ( $\mu\text{g}/\text{l}$ ), and above its Preventative Action Limit (PAL) of  $0.5 \mu\text{g}/\text{l}$  in MWG-1 ( $3.6 \mu\text{g}/\text{l}$ ). TCE was below ES ( $5.0 \mu\text{g}/\text{l}$ ) but above PAL ( $0.5 \mu\text{g}/\text{l}$ ) in the samples from GP-11 ( $4.1 \mu\text{g}/\text{l}$ ) and GP-12 ( $0.61 \mu\text{g}/\text{l}$ ), and below detection limit ( $<0.32 \mu\text{g}/\text{l}$ ) in MWG-1.

### **Evaluation**

#### Vapor

The results of the ambient air samples continue to show that vapor intrusion above Small Commercial Indoor Action Levels is not occurring in the Guzman office building.

The sub-slab results show that the sub-slab mitigation system in the Dun-Rite building is effective at reducing sub-slab concentrations of PCE beneath the building. The sub-slab results from the Guzman office building show that elevated PCE and TCE concentrations persist beneath the building, but that concentrations are decreasing over time.

#### Groundwater

The PCE in all monitoring wells had lower concentrations than during the fall 2023 sampling event. During this most recent sampling event, GP-11 had the highest PCE concentration and the concentrations in GP-12 and MWG-1 were notably lower. This alternating of high concentrations is consistent with past trends.

### **Recommendations**

The blower system in the Dun-Rite building, which is unoccupied, should continue to run for 12 hours per day.

Subsurface concentrations of PCE and TCE will continue to be monitored semiannually, unless changed circumstances warrant a different schedule. Therefore, sub-slab vapors, ambient air, and groundwater samples will be collected in fall 2024. Soil vapor samples will be collected from beneath the Dun-Rite building and Guzman office building, and indoor ambient air samples will be collected from within the Guzman office building. Groundwater samples will be collected from GP-11, GP-12, and MWG-1.

If you have any questions on the work that was performed or the Site in general, please contact me at 715.824.5169 or [pete.arntsen@sandcountyenv.com](mailto:pete.arntsen@sandcountyenv.com).

Sincerely,

**SAND COUNTY ENVIRONMENTAL, INC.**



Pete Arntsen, MS, PH, PG  
Project Manager/Senior Hydrogeologist

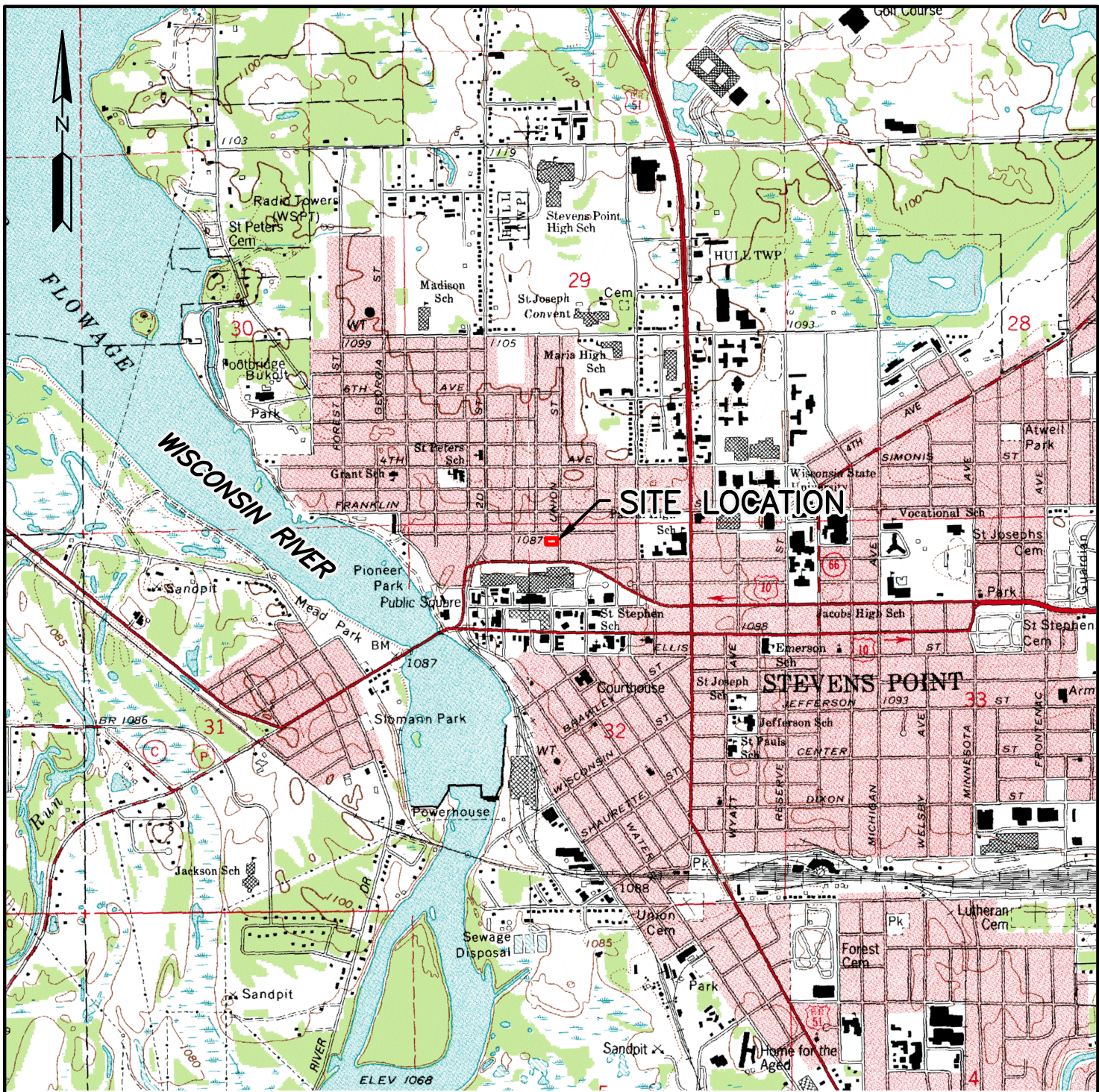
Via email

Enclosures: Figures 1 through 3  
Tables 1a, 1b, 1c, and 2  
Charts 1 and 2  
Laboratory Reports

cc/enc: Mr. Richard Lewandowski/Husch Blackwell LLP, via email  
Mr. Patrick Arendt/Noonan Arendt LLP, via email  
Ms. Joy Hannemann/Merge Development, via email  
Wisconsin Department of Natural Resource, via RR Submittal Portal

## Figures

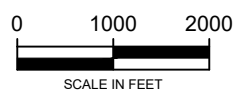
- Figure 1**      **General Site Location**
- Figure 2**      **Vapor Sample Locations and PCE Results April 2024**
- Figure 3**      **Groundwater Sample Locations and Results April 2024**



REFERENCE:  
USGS 7.5 MIN. STEVENS POINT, WISCONSIN  
TOPOGRAPHIC QUADRANGLE.



WISCONSIN  
PORTAGE COUNTY



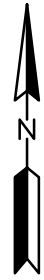
GENERAL SITE LOCATION

DUN-RITE CLEANERS  
1008 UNION STREET  
STEVENS POINT, WISCONSIN

DATE: NOVEMBER 2023 DRAWN BY: ASR

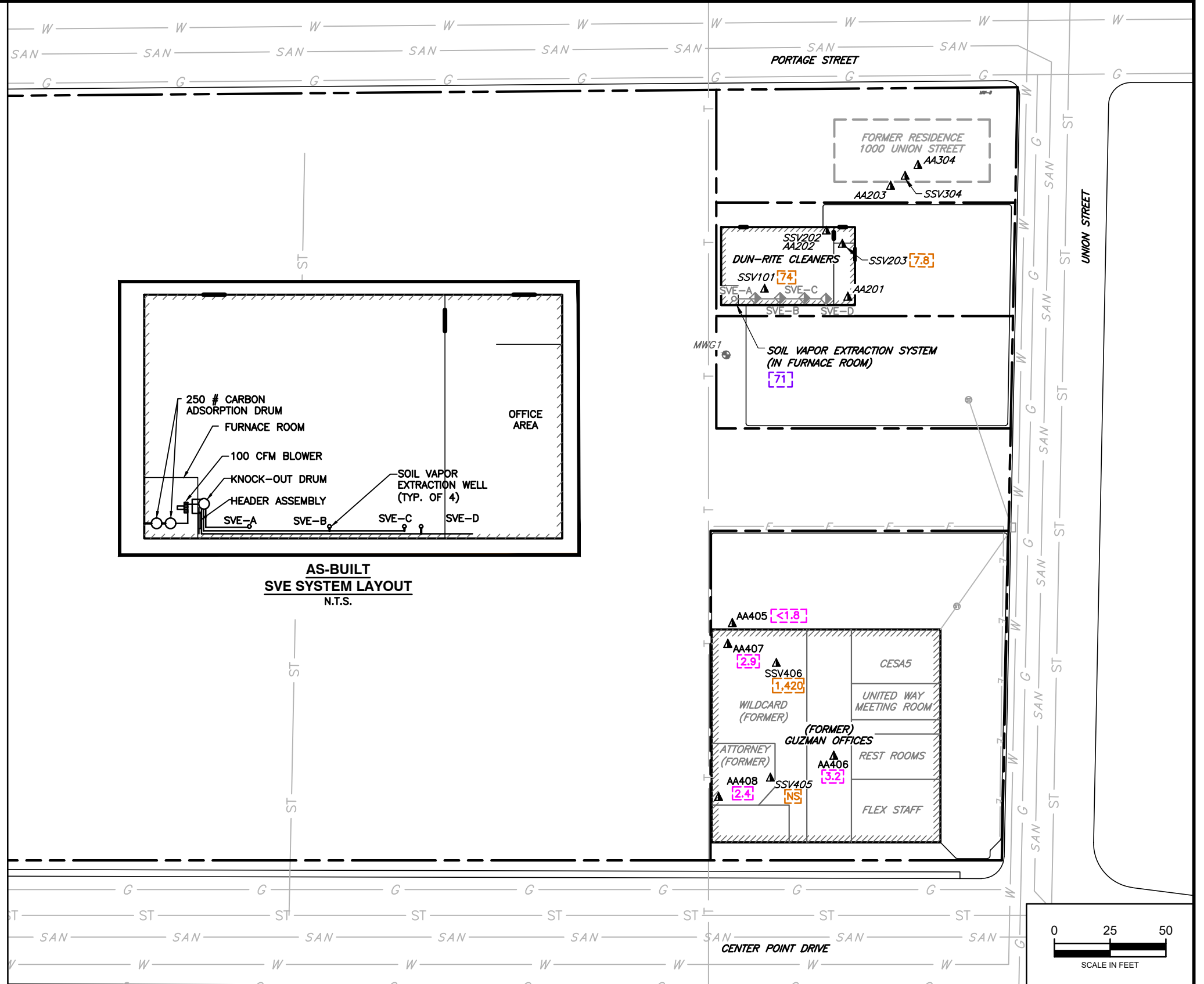
SCALE: 1"=2000' APPROVED: PDA

FIGURE 1



**LEGEND**

- PROPERTY BOUNDARY
- EDGE OF PAVEMENT
- WATER LINE
- GAS LINE
- SANITARY SEWER
- STORM SEWER
- UNDERGROUND TELEPHONE
- ELECTRIC (PRIVATE)
- CATCH BASIN
- STORM SEWER MANHOLE
- BUILDING
- SUB-SLAB VAPOR (SSV) AND/OR AMBIENT AIR (AA) SAMPLE
- SOIL GAS EXTRACTION LOCATION
- 322 AMBIENT AIR PCE CONCENTRATIONS ( $\mu\text{G}/\text{M}^3$ ) APRIL 24, 2024
- 4.7 SUB-SLAB VAPOR PCE CONCENTRATIONS ( $\mu\text{G}/\text{M}^3$ ) APRIL 24, 2024
- 213 BLOWER OUTLET PCE CONCENTRATIONS ( $\mu\text{G}/\text{M}^3$ ) APRIL 24, 2024
- J ANALYTE WAS DETECTED BUT IS BLEW THE REPORTING LIMIT. THE CONCENTRATION IS ESTIMATED.
- <0.37 ANALYTE WAS NOT DETECTED
- NS NO SAMPLE



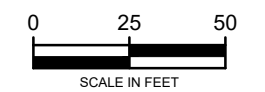
**NOTES**

EXISTING CONDITIONS AND EXISTING MONITORING WELL LOCATIONS TAKEN FROM SITE PLAN BY AECOM DATED SEPTEMBER 2013, JANUARY 2014 AND DIGITIZED PORTAGE COUNTY GIS 2010 AIR PHOTO



**VAPOR SAMPLE LOCATIONS AND PCE RESULTS APRIL 2024**

**DUN-RITE CLEANERS  
1008 UNION STREET  
STEVENS POINT, WISCONSIN**

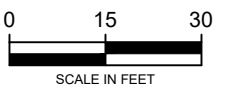


DATE:	MAY 2024
SCALE:	1"=50'
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APPROVED:	PDA

**FIGURE 2**



**GROUNDWATER  
SAMPLE  
LOCATIONS AND  
RESULTS  
APRIL 2024**



DUN-RITE CLEANERS  
1008 UNION STREET  
STEVENS POINT  
WISCONSIN

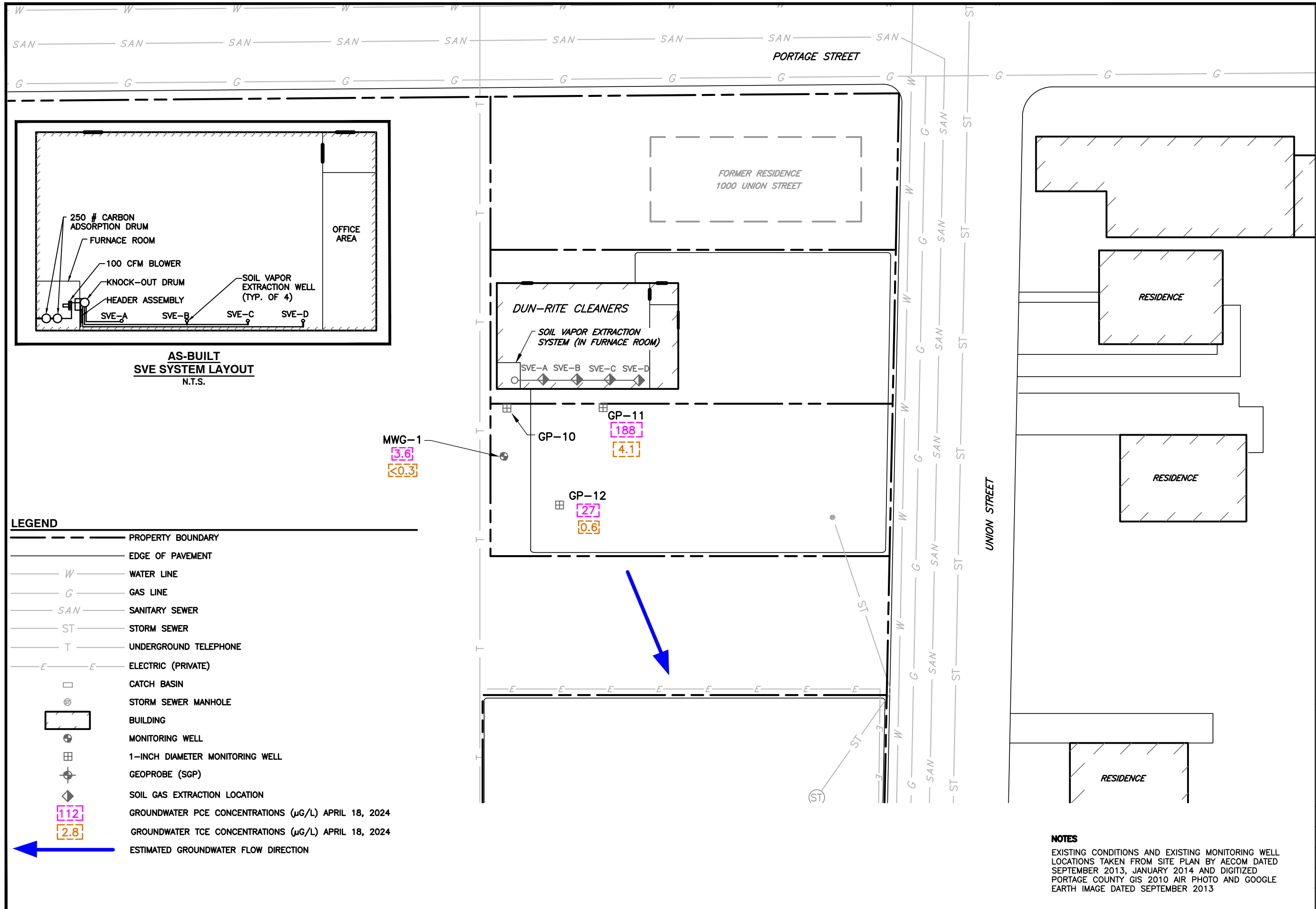
DATE: MAY 2024

SCALE: 1" = 30'

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APPROVED: PA

**FIGURE 3**



**AS-BUILT  
SVE SYSTEM LAYOUT  
N.T.S.**

**LEGEND**

- — — — — PROPERTY BOUNDARY
- — — — — EDGE OF PAVEMENT
- W — — — — — WATER LINE
- G — — — — — GAS LINE
- SAN — — — — — SANITARY SEWER
- ST — — — — — STORM SEWER
- T — — — — — UNDERGROUND TELEPHONE
- E — — — — — ELECTRIC (PRIVATE)
- CATCH BASIN
- ⊙ STORM SEWER MANHOLE
- ▭ BUILDING
- ⊕ MONITORING WELL
- ⊕ 1-INCH DIAMETER MONITORING WELL
- ⊕ GEOPROBE (SGP)
- ◇ SOIL GAS EXTRACTION LOCATION
- 112 GROUNDWATER PCE CONCENTRATIONS (μG/L) APRIL 18, 2024
- 2.8 GROUNDWATER TCE CONCENTRATIONS (μG/L) APRIL 18, 2024
- ← ESTIMATED GROUNDWATER FLOW DIRECTION

**NOTES**

EXISTING CONDITIONS AND EXISTING MONITORING WELL LOCATIONS TAKEN FROM SITE PLAN BY AECOM DATED SEPTEMBER 2013, JANUARY 2014 AND DIGITIZED PORTAGE COUNTY GIS 2010 AIR PHOTO AND GOOGLE EARTH IMAGE DATED SEPTEMBER 2013

## Tables

<b>Table 1</b>	<b>Vapor Sample Results</b>
<b>Table 1a</b>	<b>Vapor Chemistry Results – Ambient Air</b>
<b>Table 1b</b>	<b>Vapor Chemistry Results – Sub-Slab Vapor</b>
<b>Table 1c</b>	<b>Vapor Chemistry Results – SVE System Discharge</b>
<b>Table 2</b>	<b>Groundwater Chemistry Results</b>



**Table 1a**  
**Vapor Chemistry Results - Ambient Air**  
**Dun-Rite Cleaners**  
**1008 Union Street**  
**Stevens Point, Wisconsin**

Ambient Air Samples ( $\mu\text{g}/\text{m}^3$ )				
Sample ID	Location	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)
<b>Indoor Air Vapor Action Levels<sup>1</sup></b>				
Small Commercial			<b>180</b>	<b>8.8</b>
AA201	Dun-Rite	5/29/2014	<b>1,940</b>	<b>63</b>
	Dun-Rite	9/4/2015	<b>2,780</b>	<b>73</b>
AA202	Dun-Rite	5/29/2014	<b>1,990</b>	<b>66</b>
AA203	Outdoor	5/29/2014	13	<0.076
	Outdoor	10/22/2020	<0.46	<0.24
	Outdoor	5/12/2022	0.86 J	<0.32
AA304	Residence	7/18/2014	2.5	<0.85
	Residence	3/2/2015	35	<0.25
	Residence	9/4/2015	22	<b>3.0</b>
	Residence	11/9/2015	2.4	<0.41
	Residence	4/6/2016	<0.39	<b>0.52 J</b>
	Residence	10/5/2016	0.64 J	<0.41
	Residence	6/20/2017	<0.40	<b>0.44 J</b>
	Residence	11/16/2017	<0.43	<b>0.81 J</b>
	Residence	5/18/2018	<0.43	<0.40
	Residence	11/2/2018	1.6	<0.45
	Residence	6/7/2019	<0.45	<0.37
	Residence	9/23/2019	<0.49	<0.39
	Residence	5/14/2020	0.52 J	<0.32
	Residence	10/22/2020	<0.49	<0.25
	Residence	4/22/2021	<0.41	<0.28
Structure Razed				
AA405	Outdoor	9/19/2014	<1.2	<0.92
	Outdoor	2/27/2015	21	<0.38
	Outdoor	9/4/2015	2.3	<0.40
	Outdoor	10/5/2016	2.6	<0.41
	Outdoor	6/16/2017	<0.41	<0.41
	Outdoor	11/16/2017	0.99 J	<b>8.9*</b>
	Outdoor	5/18/2018	<0.44	<0.42
	Outdoor	11/2/2018	6.9	<b>2.4</b>
	Outdoor	6/7/2019	<0.44	<0.36
	Outdoor	9/23/2019	1.1	<0.38
	Outdoor	5/7/2020	<0.43	<0.36
	Outdoor	4/22/2021	<0.44	<0.29
	Outdoor	9/29/2021	<0.48	<0.32
	Outdoor	10/21/2022	<0.37	<0.36
	Outdoor	4/17/2023	<1.84	<1.2
Outdoor	10/6/2023	<b>49.4</b>	<1.2	
Outdoor	4/24/2024	<b>&lt;1.84</b>	<1.2	

**Table 1a**  
**Vapor Chemistry Results - Ambient Air**  
**Dun-Rite Cleaners**  
**1008 Union Street**  
**Stevens Point, Wisconsin**

Ambient Air Samples ( $\mu\text{g}/\text{m}^3$ )				
Sample ID	Location	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)
<b>Indoor Air Vapor Action Levels<sup>1</sup></b>				
	Small Commercial		<b>180</b>	<b>8.8</b>
AA406	United Way	9/19/2014	2.1	1.3
	United Way	2/27/2015	74	3.0
	United Way	9/4/2015	4.7	2.0
	United Way	2/16/2016	7.6	5.0
	United Way	10/5/2016	44	5.8
	United Way	6/16/2017	4.0	1.5
	United Way	11/16/2017	8.2	6.2
	United Way	5/18/2018	5.1	2.1
	United Way	11/2/2018	4.8	<0.47
	United Way	6/7/2019	4.0	1.8
	United Way	9/23/2019	4.0	1.5
	United Way	5/7/2020	3.6	1.7
	Lobby	10/22/2020	11.8	5.1
	Lobby	4/22/2021	7.5	2.6
	Lobby	9/29/2021	6.1	4.8
	Lobby	5/12/2022	3.3	1.9
	Lobby	10/21/2022	4.2	2.0
	Lobby	4/17/2023	2.8	<1.2
	Lobby	10/6/2023	3.1	1.3
	Lobby	4/24/2024	3.2	1.5
AA407	NW Office	9/19/2014	4.0	<1.2
	NW Office	2/27/2015	83	1.5
	NW Office	9/4/2015	10	1.1
	NW Office	2/16/2016	11	4.4
	NW Office	10/5/2016	12	3.0
	NW Office	6/16/2017	3.0	0.45 J
	NW Office	11/16/2017	7.6	5.0
	NW Office	5/18/2018	6.8	1.3
	NW Office	11/12/2108	3.5	<0.47
	NW Office	6/7/2019	2.5	<0.36
	NW Office	9/23/2019	10.9	1.3
	NW Office	5/7/2020	6.3	0.94
	NW Office	10/22/2020	14.5	0.80 J
	NW Office	4/22/2021	12.2	1.9
	NW Office	9/29/2021	3.7	0.56 J
	NW Office	5/12/2022	3.0	0.77 J
	NW Office	10/21/2022	6.7	1.7
	NW Office	4/17/2023	4.4	<1.2
	NW Office	10/6/2023	8.9	1.8
	NW Office	4/24/2024	2.9	<1.2

**Table 1a**  
**Vapor Chemistry Results - Ambient Air**  
**Dun-Rite Cleaners**  
**1008 Union Street**  
**Stevens Point, Wisconsin**

**Ambient Air Samples ( $\mu\text{g}/\text{m}^3$ )**

Sample ID	Location	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)
<b>Indoor Air Vapor Action Levels<sup>1</sup></b>				
	Small Commercial		<b>180</b>	<b>8.8</b>
AA408	SW Office	9/19/2014	9.9	1.5
	SW Office	2/23/2015	22	2.1
	SW Office	9/4/2015	7.0	0.8
	SW Office	2/16/2016	3.3	3.5
	SW Office	10/5/2016	12	2.9
	SW Office	6/16/2017	2.9	<0.38
	SW Office	11/16/2017	22.4	<b>118*</b>
	SW Office	5/18/2018	12.2	3.4
	SW Office	11/2/2018	<b>327<sup>R</sup></b>	1.2
	SW Office	12/5/2018	5.6	<0.39
	SW Office	6/7/2019	21.3	0.54 J
	SW Office	9/23/2019	8.5	2.2
	SW Office	5/7/2020	6.0	0.95
	SW Office	10/22/2020	23.9	0.53 J
	SW Office	4/22/2021	13.3	1.8
	SW Office	9/29/2021	3.8	0.42 J
	SW Office	5/12/2022	8.4	1.1
	SW Office	10/21/2022	9.1	1.7
	SW Office	4/17/2023	<1.8	<1.2
	SW Office	10/6/2023	5.3	1.6
	SW Office	4/24/2024	2.4	<1.2

**Table 1b**  
**Vapor Chemistry Results - Sub-Slab Vapor**  
**Dun-Rite Cleaners**  
**1008 Union Street**  
**Stevens Point, Wisconsin**

Sub-Slab Vapor Samples ( $\mu\text{g}/\text{m}^3$ )				
Sample ID	Location	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)
<u>Sub-Slab Vapor Screening Levels<sup>1</sup></u>				
	Small Commercial		<b>5,800</b>	<b>290</b>
SSV101	Dun-Rite SW	4/8/2014	<b>2,550,000</b>	<b>527</b>
	Dun-Rite SW	9/4/2015	<b>141,000</b>	<b>1780</b>
	Dun-Rite SW	2/16/2016	5,030	28
	Dun-Rite SW	10/5/2016	5,480	33
	Dun-Rite SW	6/16/2017	1,030	9.0
	Dun-Rite SW	11/16/2017	452	3.2
	Dun-Rite SW	5/18/2018	2,460	13.6
	Dun-Rite SW	11/2/2018	266	1.2
	Dun-Rite SW	6/7/2019	3,570	13.6
	Dun-Rite SW	9/23/2019	1,430	<10.9
	Dun-Rite SW	5/7/2020	253	0.51 J
	Dun-Rite SW	10/22/2020	382	0.99
	Dun-Rite SW	4/22/2021	326	0.68 J
	Dun-Rite SW	9/29/2021	3,790	7.0
	Dun-Rite SW	5/12/2022	314	0.66 J
	Dun-Rite SW	10/21/2022	1,150	0.65 J
	Dun-Rite SW	4/17/2023	674	4.4
	Dun-Rite SW	10/6/2023	1,090	12.9
		Dun-Rite SW	4/24/2024	74
SSV202	Dun-Rite NW	5/29/2014	1,700	113
	Dun-Rite NW	9/4/2015	2,280	145
	Dun-Rite NW	2/16/2016	275	7.1
SSV203	Dun-Rite NE	5/29/2014	<b>27,600</b>	<20
	Dun-Rite NE	11/4/2015	288	12
	Dun-Rite NE	10/5/2016	5,710	4.2
	Dun-Rite NE	6/16/2017	4,190	20
	Dun-Rite NE	11/16/2017	<b>6,650</b>	30.9
	Dun-Rite NE	5/18/2018	2,390	1.3
	Dun-Rite NE	11/9/2018	5.0	<0.37
	Dun-Rite NE	6/7/2019	2,180	2.0
	Dun-Rite NE	9/23/2019	2,930	<11.3
	Dun-Rite NE	5/7/2020	8.6	<0.31
	Dun-Rite NE	10/22/2020	106	<0.29
	Dun-Rite NE	4/22/2021	27.4	<0.28
	Dun-Rite NE	9/29/2021	14.0	<0.34
	Dun-Rite NE	5/12/2022	16.5	<0.27
	Dun-Rite NE	10/21/2022	294	<0.43
	Dun-Rite NE	4/17/2023	6.4	<1.2
	Dun-Rite NE	10/6/2023	403	2.9
	Dun-Rite NE	4/24/2024	7.8	<1.2

**Table 1b**  
**Vapor Chemistry Results - Sub-Slab Vapor**  
**Dun-Rite Cleaners**  
**1008 Union Street**  
**Stevens Point, Wisconsin**

Sub-Slab Vapor Samples ( $\mu\text{g}/\text{m}^3$ )				
Sample ID	Location	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)
<u>Sub-Slab Vapor Screening Levels<sup>1</sup></u>				
	Small Commercial		<b>5,800</b>	<b>290</b>
SSV304	Residence	7/18/2014	13	<1.2
	Residence	3/2/2015	11	<0.31
	Residence	9/4/2015	137	21
	Residence	11/9/2015	319	14
	Residence	2/16/2016	105	5.7
	Residence	10/5/2016	52	2.2
	Residence	6/20/2017	133	0.92 J
	Residence	11/16/2017	15.6	0.57 J
	Residence	5/18/2018	1,380	6.2
	Residence	11/2/2018	14.6	<0.37
	Residence	6/7/2019	20.1	<0.37
	Residence	9/23/2019	3,570	18.5
	Residence	5/18/2020	86.6	<0.31
	Residence	10/22/2020	40.0	<0.30
	Residence	4/22/2021	15.2	<0.27
			9/29/2021	Structure Razed
SSV405	SW Office	9/19/2014	<b>7,470</b>	139
	SW Office	2/24/2015	<b>17,800</b>	183
	SW Office	10/5/2016	<b>22,300</b>	175
	SW Office	6/16/2017	<b>17,400</b>	111
	SW Office	11/16/2017	<b>17,100</b>	130
	SW Office	5/18/2018	<b>29,800</b>	168
	SW Office	11/9/2018	<b>11,200</b>	149
	SW Office	6/7/2019	<b>6,710</b>	64.4
	SW Office	9/23/2019	<b>28,800</b>	152
	SW Office	5/7/2020	<b>15,700</b>	134
	SW Office	10/22/2020	<b>26,500</b>	118
	SW Office	4/22/2021	<b>38,600</b>	<b>356 J</b>
	SW Office	9/29/2021	<b>6,790</b>	91.2
	SW Office	5/12/2022	<b>11,200</b>	172
	SW Office	10/21/2022	<b>40,300</b>	<399
	SW Office	4/17/2023	5,200	82
SW Office	10/6/2023	5,760	131	
	SW Office	4/24/2024	Flow controller failed; no sample.	

**Table 1b**  
**Vapor Chemistry Results - Sub-Slab Vapor**  
**Dun-Rite Cleaners**  
**1008 Union Street**  
**Stevens Point, Wisconsin**

**Sub-Slab Vapor Samples ( $\mu\text{g}/\text{m}^3$ )**

Sample ID	Location	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)
<b>Sub-Slab Vapor Screening Levels<sup>1</sup></b>				
	Small Commercial		<b>5,800</b>	<b>290</b>
SSV406	NW Office	9/19/2014	<b>11,300</b>	<28
	NW Office	2/27/2015	<b>7,180</b>	<24
	NW Office	9/4/2015	<b>68,200</b>	16
	NW Office	2/16/2016	<b>9,940</b>	11
	NW Office	10/5/2016	<b>37,400</b>	15
	NW Office	6/16/2017	<b>15,500</b>	9.1
	NW Office	11/16/2017	<b>11,500</b>	9.6
	NW Office	5/18/2018	<b>12,500</b>	11.2
	NW Office	11/12/2018	<b>13,600</b>	12.8
	NW Office	6/7/2019	<b>3,810</b>	<11
	NW Office	9/23/2019	<b>19,300</b>	<6.8
	NW Office	5/7/2020	4,630	4.7
	NW Office	10/22/2020	<b>10,900</b>	7.6
	NW Office	4/22/2021	<b>12,700</b>	10
	NW Office	9/29/2021	<b>11,900</b>	19.7
	NW Office	5/12/2022	3,200	3.8
	NW Office	10/21/2022	<b>12,100</b>	<50
	NW Office	4/17/2023	661	1.3
	NW Office	10/6/2023	1,890	4.8
	NW Office	4/24/2024	1,420	4.8

**Table 1c**  
**Vapor Chemistry Results - SVE System Discharge**  
**Dun-Rite Cleaners**  
**1008 Union Street**  
**Stevens Point, Wisconsin**

**Soil Vapor Extraction System ( $\mu\text{g}/\text{m}^3$ )**

Sample ID	Location	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)
<b>Blwr A</b>	SVE	3/13/2015	224,000	<1,700
<b>Blwr B</b>	SVE	3/14/2015	134,000	<410
<b>Blwr C</b>	SVE	3/17/2015	43,800	77
<b>Can 2-A</b>	SVE	3/13/2015	11,800	17
<b>Can 1-D</b>	SVE	3/18/2015	1,600	0.76 J
<b>Blwr Dschrg 1</b>	SVE	9/3/2015	2,580	113
<b>Blwr Dschrg 2</b>	SVE	9/8/2015	12,900	265
<b>Blwr Dschrg</b>	SVE	2/16/2016	641	7.9
<b>Blwr Dschrg</b>	SVE	10/5/2016	1,570	5.6
<b>Blwr Dschrg</b>	SVE	6/16/2017	59	26
<b>Blower Exhaust</b>	SVE	11/16/2017	2,690	10.9
<b>Blower</b>	SVE	5/18/2018	1,490	1.7
<b>Blower</b>	SVE	11/2/2018	<0.54	<0.44
<b>Blower Exhaust</b>	SVE	6/7/2019	328	0.90
<b>Blower Exhaust</b>	SVE	9/23/2019	651	0.55J
<b>Blower Exhaust</b>	SVE	5/7/2020	232	<0.32
<b>Blower Sta.</b>	SVE	10/22/2020	3,060	3.6
<b>Blower Sta.</b>	SVE	4/22/2021	214	<0.25
<b>Blower Exhaust</b>	SVE	9/29/2021	326	0.63 J
<b>Blower Exhaust</b>	SVE	5/12/2022	361	<0.30
<b>Blower Exhaust</b>	SVE	10/21/2022	24,500	<51.6
<b>Blower Exhaust</b>	SVE	4/17/2023	104	<1.2
<b>Blower Exhaust</b>	SVE	10/6/2023	6.0	<1.2
<b>Blower Exhaust</b>	SVE	4/24/2024	71.3	<1.2

**Notes**

- $\mu\text{g}/\text{m}^3$  micrograms per cubic meter
- <0.076 Substance not detected above indicated detection limit
- 6,000** **Bold** indicates concentration exceeds Vapor Action Level or Vapor Screening Level for Non-Residential Conditions
- \* Sample marked by laboratory qualifier C8: "Result may be biased high due to carryover from previously analyzed sample"
- J Analyte was detected but is below the reporting limit; the concentration is estimated
- R Result uncharacteristically high, thus location resampled
- Highlighting indicates most recent results

<sup>1</sup> Vapor Action and Screening Levels listed on the **Wisconsin Vapor Quick Look-Up Table, Indoor Air Vapor Action Levels, and Vapor Risk Screening Levels** dated August 2023, based on May 2023 US EPA Regional Screening Levels, Publication RR-0136

**Table 2**  
**Groundwater Chemistry Results**  
**Dun-Rite Cleaners**  
**1008 Union Street**  
**Stevens Point, Wisconsin**

Sample Location	Sample Date	Tetrachloroethene (µg/l)	Trichloroethene (µg/l)	Depth to Water (feet)	Water Elevation* (feet MSL)
<i>PAL</i>		0.5	0.5		
<b>ES</b>		<b>5.0</b>	<b>5.0</b>		
GP-10	12/13/2013	<b>331</b>	1.9	--	--
	11/4/2015	<b>77</b>	2.7	6.63	1,079.26
	5/6/2016	<b>211</b>	<0.33	6.24	1,079.65
	10/5/2016	<b>344</b>	3.2 J	6.57	1,079.32
	6/14/2017	--	--	--	
	11/16/2017	--	--	--	
	5/18/2018	--	--	--	
	11/2/2018	--	--	--	
	6/7/2019	--	--	--	
	9/23/2019	--	--	--	
	5/7/2020	--	--	6.20	1,079.69
	10/23/2020	--	--	--	
	4/17/2021	--	--	7.35	1,078.54
	10/4/2021	--	--	--	
	5/18/2022	--	--	6.95	1,078.94
	10/21/2022	--	--	9.13	1,076.76
	4/17/2023	--	--	7.54	1,078.35
	10/12/2023	--	--	8.72	1,077.17
	4/18/2024	--	--	8.09	1,077.80
GP-11	12/13/2013	<b>2,570</b>	<b>&lt;18.2</b>	--	
	11/4/2015	<b>173</b>	<1.3	6.59	1,079.22
	5/6/2016	<b>61.5</b>	<0.33	6.22	1,079.59
	10/5/2016	<b>54.6</b>	0.54 J	6.55	1,079.26
	6/14/2017	<b>614</b>	<1.7	4.75	1,081.06
	11/16/2017	<b>14.3</b>	0.41 J	6.99	1,078.82
	5/18/2018	<b>727</b>	<1.7	8.92	1,076.89
	11/2/2018	<b>17.8</b>	<0.26	6.30	1,079.51
	6/7/2019	<b>614</b>	<1.3	5.91	1,079.90
	9/23/2019	<b>112</b>	0.84 J	6.22	1,079.59
	5/7/2020	<b>243</b>	<1.3 J	6.22	1,079.59
	10/23/2020	<b>18.4</b>	<0.26	7.19	1,078.62
	4/17/2021	<b>8.1</b>	<0.32	7.32	1,078.49
	10/4/2021	3.4	<0.32	6.86	1,078.95
	5/18/2022	3.3	<0.32	6.93	1,078.88



**Table 2**  
**Groundwater Chemistry Results**  
**Dun-Rite Cleaners**  
**1008 Union Street**  
**Stevens Point, Wisconsin**

Sample Location	Sample Date	Tetrachloroethene (µg/l)	Trichloroethene (µg/l)	Depth to Water (feet)	Water Elevation* (feet MSL)
PAL		0.5	0.5		
ES		5.0	5.0		
	10/21/2022	407	3.9 J	9.15	1,076.66
	4/17/2023	26.7	<0.32	7.36	1,078.37
	10/12/2023	839	8.6	8.59	1,077.14
	4/18/2024	188	4.1	7.95	1,077.78
GP-12	12/13/2013	254	<1.8	--	--
	9/23/2014	487	2.2 J	--	--
	11/4/2015	364	1.8 J	6.5	1,079.20
	5/6/2016	147	0.95 J	6.14	1,079.56
	10/5/2016	780	2.7 J	6.47	1,079.23
	6/14/2017	433	1.7 J	4.61	1,081.09
	11/16/2017	647	3.7 J	6.88	1,078.82
	5/18/2018	176	1.8	8.79	1,076.91
	11/2/2018	462	2.2	6.19	1,079.51
	6/7/2019	142	2.3	5.8	1,079.90
	9/23/2019	829	2.8	6.05	1,079.65
	5/7/2020	105	1.6	6.08	1,079.62
	10/23/2020	239	3.5	7.1	1,078.60
	4/17/2021	119	0.39 J	7.21	1,078.49
	10/4/2021	1,860	5.1	6.76	1,078.94
	5/18/2022	890	3.4	6.84	1,078.86
	10/21/2022	447	4.3 J	8.99	1,076.71
	4/17/2023	2.7	<0.32	7.39	1,078.24
	10/12/2023	104	1.9	8.46	1,077.17
	4/18/2024	27	0.61 J	7.94	1,077.69
MWG-1	11/4/2015	141	6.9	6.49	1,079.23
	5/6/2016	15.3	1.1	6.15	1,079.57
	10/5/2016	138	5.6	6.45	1,079.27
	6/14/2017	8.2	1.1	4.80	1,080.92
	11/16/2017	127	7.6	6.88	1,078.84
	5/18/2018	12.8	1.0	8.78	1,076.94
	11/2/2018	74.0	6.1	6.19	1,079.53
	6/7/2019	8.2	0.74 J	5.78	1,079.94
	9/23/2019	81.0	13.0	6.04	1,079.68
	5/9/2020	5.4	0.26 J	--	--

**Table 2**  
**Groundwater Chemistry Results**  
**Dun-Rite Cleaners**  
**1008 Union Street**  
**Stevens Point, Wisconsin**

<b>Sample Location</b>	<b>Sample Date</b>	<b>Tetrachloroethene (µg/l)</b>	<b>Trichloroethene (µg/l)</b>	<b>Depth to Water (feet)</b>	<b>Water Elevation* (feet MSL)</b>
<i>PAL</i>		0.5	0.5		
<b>ES</b>		<b>5.0</b>	<b>5.0</b>		
	10/23/2020	<b>85.6</b>	<b>14.0</b>	7.08	1,078.64
	4/17/2021	<b>603</b>	<0.32	7.19	1,078.53
	10/4/2021	<b>2,920</b>	<b>5.5</b>	6.75	1,078.97
	5/18/2022	<b>3,490</b>	4.0	6.88	1,078.84
	10/21/2022	<b>674</b>	1.9 <i>J</i>	8.96	1,076.76
	4/17/2023	1.2	<0.32	7.37	1,078.34
	10/12/2023	<b>34.9</b>	<0.32	8.57	1,077.14
	4/18/2024	3.6	<0.32	7.97	1,077.74

**Notes**

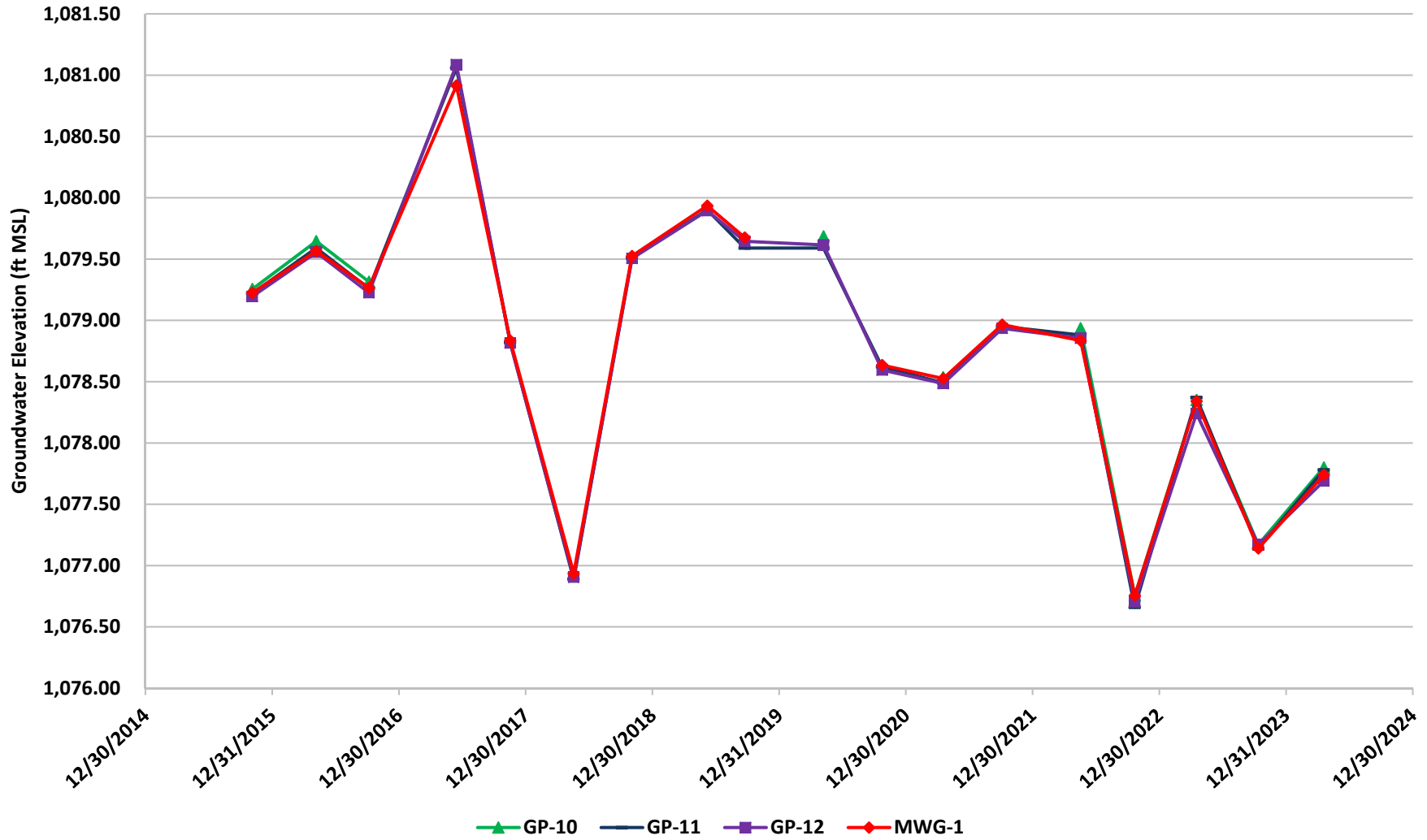
- µg/l Micrograms per liter. Equivalent to parts per billion
- feet MSL Feet above mean sea level
- PAL Preventive Action Limit listed in Chapter NR 140, Table 1, Wisconsin Administrative Code
- ES Enforcement Standard listed in Chapter NR 140, Wisconsin Administrative Code
- \* Well top elevations resurvey 10/06/2023 to account for PVC cut off during well repair on 11/29/2022
- 1.2 *Italics* indicate exceedance of NR 140 Preventive Action Limit
- 5.4 **Bold** indicates exceedance of NR 140 Enforcement Standard
- <0.45 Substance not detected above indicated detection limit
- Data unavailable/not collected
- J Analyte was detected but is below the reporting limit; the concentration is estimated Data before 2014 generated during investigations conducted by AECOM
- Highlighting indicates most recent results

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## Charts

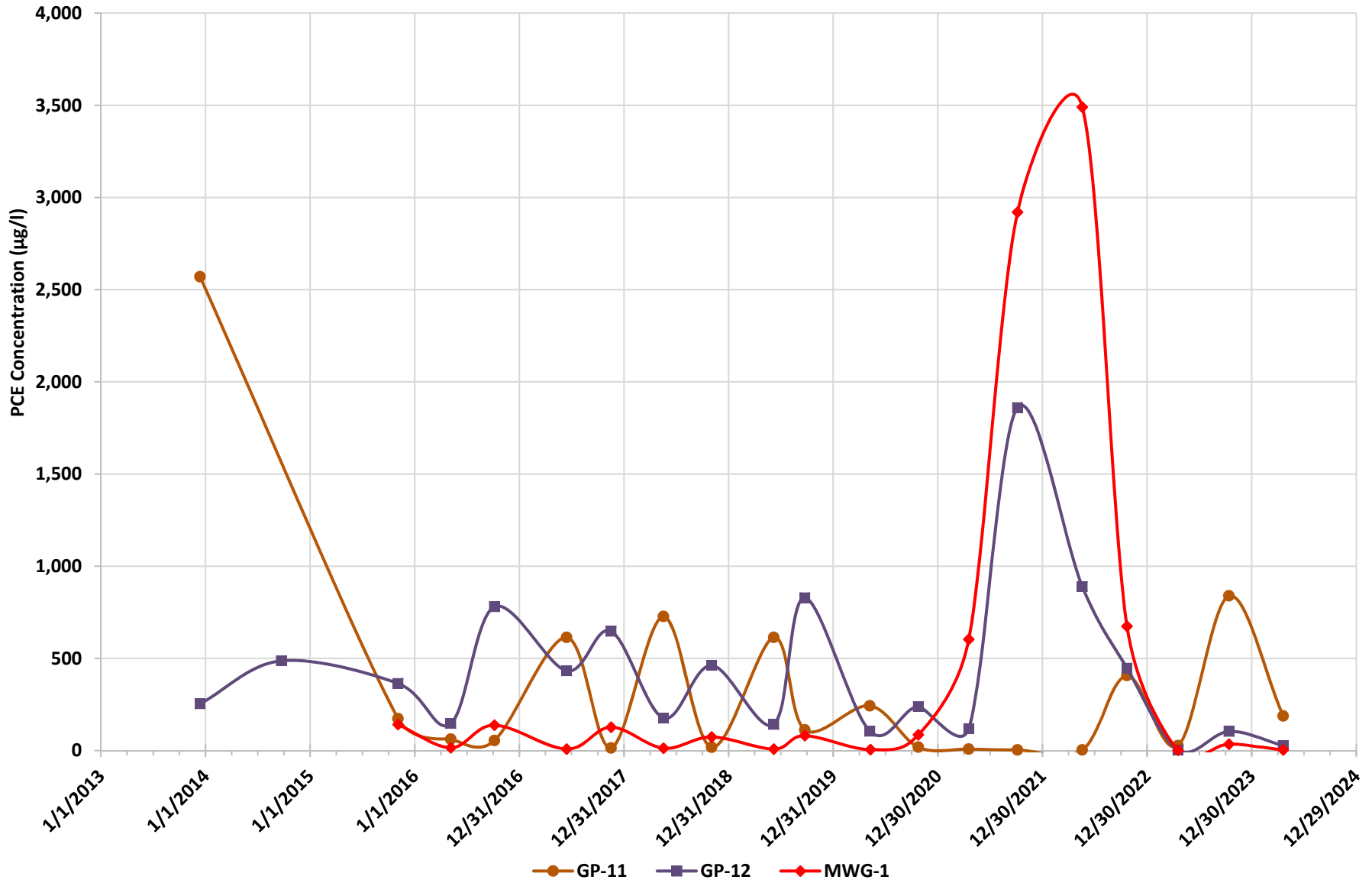
- Chart 1**      **Groundwater Table Elevations Over Time**
- Chart 2**      **Dissolved PCE Concentrations Over Time**

**Chart 1**  
**Groundwater Table Elevations Over Time**  
**Dun-Rite Cleaners**  
**1008 Union Street**  
**Stevens Point, Wisconsin**



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Chart 2  
 Dissolved PCE Concentrations Over Time  
 Dun-Rite Cleaners  
 1008 Union Street  
 Stevens Point, Wisconsin



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## **Laboratory Reports**



April 29, 2024

Pete Arntsen  
SAND COUNTY ENVIRONMENTAL, INC.  
151 Mill Street  
Amherst, WI 54406

RE: Project: DUN-RITE  
Pace Project No.: 40277229

Dear Pete Arntsen:

Enclosed are the analytical results for sample(s) received by the laboratory on April 23, 2024. 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,

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

Enclosures



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: DUN-RITE

Pace Project No.: 40277229

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### **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

South Carolina Certification #: 83006001

Texas Certification #: T104704529-21-8

Virginia VELAP Certification ID: 11873

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-21-00008

Federal Fish & Wildlife Permit #: 51774A

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## REPORT OF LABORATORY ANALYSIS

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### SAMPLE SUMMARY

Project: DUN-RITE  
Pace Project No.: 40277229

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40277229001	GP-11	Water	04/18/24 08:55	04/23/24 07:50
40277229002	GP-12	Water	04/18/24 08:30	04/23/24 07:50
40277229003	MWG-1	Water	04/18/24 08:10	04/23/24 07:50
40277229004	QA-1	Water	04/18/24 08:30	04/23/24 07:50
40277229005	TRIP BLANK	Water	04/18/24 00:00	04/23/24 07:50

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### SAMPLE ANALYTE COUNT

Project: DUN-RITE

Pace Project No.: 40277229

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Lab ID	Sample ID	Method	Analysts	Analytes Reported
40277229001	GP-11	EPA 8260	CXJ	63
40277229002	GP-12	EPA 8260	CXJ	63
40277229003	MWG-1	EPA 8260	CXJ	63
40277229004	QA-1	EPA 8260	CXJ	63
40277229005	TRIP BLANK	EPA 8260	CXJ	63

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PASI-G = Pace Analytical Services - Green Bay

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: DUN-RITE

Pace Project No.: 40277229

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40277229001</b>	<b>GP-11</b>					
EPA 8260	Tetrachloroethene	188	ug/L	4.0	04/29/24 12:00	
EPA 8260	Trichloroethene	4.1	ug/L	4.0	04/29/24 12:00	
<b>40277229002</b>	<b>GP-12</b>					
EPA 8260	Tetrachloroethene	27.2	ug/L	1.0	04/26/24 21:54	
EPA 8260	Trichloroethene	0.61J	ug/L	1.0	04/26/24 21:54	
<b>40277229003</b>	<b>MWG-1</b>					
EPA 8260	Tetrachloroethene	3.6	ug/L	1.0	04/26/24 22:12	
<b>40277229004</b>	<b>QA-1</b>					
EPA 8260	Tetrachloroethene	29.1	ug/L	1.0	04/26/24 20:24	
EPA 8260	Trichloroethene	0.48J	ug/L	1.0	04/26/24 20:24	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: DUN-RITE

Pace Project No.: 40277229

Sample: GP-11 Lab ID: 40277229001 Collected: 04/18/24 08:55 Received: 04/23/24 07:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<1.4	ug/L	4.0	1.4	4		04/29/24 12:00	630-20-6	
1,1,1-Trichloroethane	<1.2	ug/L	4.0	1.2	4		04/29/24 12:00	71-55-6	
1,1,2,2-Tetrachloroethane	<0.98	ug/L	4.0	0.98	4		04/29/24 12:00	79-34-5	
1,1,2-Trichloroethane	<1.4	ug/L	4.0	1.4	4		04/29/24 12:00	79-00-5	
1,1-Dichloroethane	<1.2	ug/L	4.0	1.2	4		04/29/24 12:00	75-34-3	
1,1-Dichloroethene	<2.3	ug/L	4.0	2.3	4		04/29/24 12:00	75-35-4	
1,1-Dichloropropene	<1.6	ug/L	4.0	1.6	4		04/29/24 12:00	563-58-6	
1,2,3-Trichlorobenzene	<4.1	ug/L	20.0	4.1	4		04/29/24 12:00	87-61-6	
1,2,3-Trichloropropane	<2.2	ug/L	4.0	2.2	4		04/29/24 12:00	96-18-4	
1,2,4-Trichlorobenzene	<3.8	ug/L	20.0	3.8	4		04/29/24 12:00	120-82-1	
1,2,4-Trimethylbenzene	<1.8	ug/L	4.0	1.8	4		04/29/24 12:00	95-63-6	
1,2-Dibromo-3-chloropropane	<1.5	ug/L	20.0	1.5	4		04/29/24 12:00	96-12-8	
1,2-Dibromoethane (EDB)	<1.2	ug/L	4.0	1.2	4		04/29/24 12:00	106-93-4	
1,2-Dichlorobenzene	<1.3	ug/L	4.0	1.3	4		04/29/24 12:00	95-50-1	
1,2-Dichloroethane	<1.2	ug/L	4.0	1.2	4		04/29/24 12:00	107-06-2	
1,2-Dichloropropane	<1.8	ug/L	4.0	1.8	4		04/29/24 12:00	78-87-5	
1,3,5-Trimethylbenzene	<1.4	ug/L	4.0	1.4	4		04/29/24 12:00	108-67-8	
1,3-Dichlorobenzene	<1.4	ug/L	4.0	1.4	4		04/29/24 12:00	541-73-1	
1,3-Dichloropropane	<1.2	ug/L	4.0	1.2	4		04/29/24 12:00	142-28-9	
1,4-Dichlorobenzene	<3.6	ug/L	4.0	3.6	4		04/29/24 12:00	106-46-7	
2,2-Dichloropropane	<1.7	ug/L	4.0	1.7	4		04/29/24 12:00	594-20-7	
2-Chlorotoluene	<3.6	ug/L	20.0	3.6	4		04/29/24 12:00	95-49-8	
4-Chlorotoluene	<3.6	ug/L	20.0	3.6	4		04/29/24 12:00	106-43-4	
Benzene	<1.2	ug/L	4.0	1.2	4		04/29/24 12:00	71-43-2	
Bromobenzene	<1.4	ug/L	4.0	1.4	4		04/29/24 12:00	108-86-1	
Bromochloromethane	<1.4	ug/L	4.0	1.4	4		04/29/24 12:00	74-97-5	
Bromodichloromethane	<0.83	ug/L	4.0	0.83	4		04/29/24 12:00	75-27-4	
Bromoform	<1.7	ug/L	4.0	1.7	4		04/29/24 12:00	75-25-2	
Bromomethane	<4.8	ug/L	20.0	4.8	4		04/29/24 12:00	74-83-9	
Carbon tetrachloride	<1.5	ug/L	4.0	1.5	4		04/29/24 12:00	56-23-5	
Chlorobenzene	<3.4	ug/L	4.0	3.4	4		04/29/24 12:00	108-90-7	
Chloroethane	<5.5	ug/L	20.0	5.5	4		04/29/24 12:00	75-00-3	
Chloroform	<2.0	ug/L	20.0	2.0	4		04/29/24 12:00	67-66-3	
Chloromethane	<6.5	ug/L	20.0	6.5	4		04/29/24 12:00	74-87-3	
Dibromochloromethane	<10.6	ug/L	20.0	10.6	4		04/29/24 12:00	124-48-1	
Dibromomethane	<4.0	ug/L	20.0	4.0	4		04/29/24 12:00	74-95-3	
Dichlorodifluoromethane	<1.8	ug/L	20.0	1.8	4		04/29/24 12:00	75-71-8	
Diisopropyl ether	<4.4	ug/L	20.0	4.4	4		04/29/24 12:00	108-20-3	
Ethylbenzene	<1.3	ug/L	4.0	1.3	4		04/29/24 12:00	100-41-4	
Hexachloro-1,3-butadiene	<10.9	ug/L	20.0	10.9	4		04/29/24 12:00	87-68-3	
Isopropylbenzene (Cumene)	<4.0	ug/L	20.0	4.0	4		04/29/24 12:00	98-82-8	
Methyl-tert-butyl ether	<4.5	ug/L	20.0	4.5	4		04/29/24 12:00	1634-04-4	
Methylene Chloride	<1.3	ug/L	20.0	1.3	4		04/29/24 12:00	75-09-2	
Naphthalene	<7.7	ug/L	20.0	7.7	4		04/29/24 12:00	91-20-3	
Styrene	<1.4	ug/L	4.0	1.4	4		04/29/24 12:00	100-42-5	

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## ANALYTICAL RESULTS

Project: DUN-RITE

Pace Project No.: 40277229

Sample: GP-11 Lab ID: 40277229001 Collected: 04/18/24 08:55 Received: 04/23/24 07:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Tetrachloroethene	188	ug/L	4.0	1.6	4		04/29/24 12:00	127-18-4	
Toluene	<1.2	ug/L	4.0	1.2	4		04/29/24 12:00	108-88-3	
Trichloroethene	4.1	ug/L	4.0	1.3	4		04/29/24 12:00	79-01-6	
Trichlorofluoromethane	<1.7	ug/L	4.0	1.7	4		04/29/24 12:00	75-69-4	
Vinyl chloride	<0.70	ug/L	4.0	0.70	4		04/29/24 12:00	75-01-4	
Xylene (Total)	<4.2	ug/L	12.0	4.2	4		04/29/24 12:00	1330-20-7	
cis-1,2-Dichloroethene	<1.9	ug/L	4.0	1.9	4		04/29/24 12:00	156-59-2	
cis-1,3-Dichloropropene	<0.95	ug/L	4.0	0.95	4		04/29/24 12:00	10061-01-5	
n-Butylbenzene	<3.4	ug/L	4.0	3.4	4		04/29/24 12:00	104-51-8	
n-Propylbenzene	<1.4	ug/L	4.0	1.4	4		04/29/24 12:00	103-65-1	
p-Isopropyltoluene	<4.2	ug/L	20.0	4.2	4		04/29/24 12:00	99-87-6	
sec-Butylbenzene	<1.7	ug/L	4.0	1.7	4		04/29/24 12:00	135-98-8	
tert-Butylbenzene	<2.3	ug/L	4.0	2.3	4		04/29/24 12:00	98-06-6	
trans-1,2-Dichloroethene	<2.1	ug/L	4.0	2.1	4		04/29/24 12:00	156-60-5	
trans-1,3-Dichloropropene	<1.1	ug/L	4.0	1.1	4		04/29/24 12:00	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	107	%	70-130		4		04/29/24 12:00	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		4		04/29/24 12:00	2199-69-1	
Toluene-d8 (S)	103	%	70-130		4		04/29/24 12:00	2037-26-5	

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## ANALYTICAL RESULTS

Project: DUN-RITE

Pace Project No.: 40277229

Sample: GP-12 Lab ID: 40277229002 Collected: 04/18/24 08:30 Received: 04/23/24 07:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/26/24 21:54	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/26/24 21:54	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		04/26/24 21:54	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		04/26/24 21:54	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/26/24 21:54	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/26/24 21:54	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/26/24 21:54	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/26/24 21:54	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		04/26/24 21:54	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/26/24 21:54	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/26/24 21:54	95-63-6	
1,2-Dibromo-3-chloropropane	<0.36	ug/L	5.0	0.36	1		04/26/24 21:54	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/26/24 21:54	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/26/24 21:54	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/26/24 21:54	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/26/24 21:54	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/26/24 21:54	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/26/24 21:54	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/26/24 21:54	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/26/24 21:54	106-46-7	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		04/26/24 21:54	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/26/24 21:54	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/26/24 21:54	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		04/26/24 21:54	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/26/24 21:54	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		04/26/24 21:54	74-97-5	
Bromodichloromethane	<0.21	ug/L	1.0	0.21	1		04/26/24 21:54	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		04/26/24 21:54	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/26/24 21:54	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/26/24 21:54	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/26/24 21:54	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/26/24 21:54	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		04/26/24 21:54	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/26/24 21:54	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/26/24 21:54	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/26/24 21:54	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/26/24 21:54	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/26/24 21:54	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/26/24 21:54	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/26/24 21:54	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/26/24 21:54	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/26/24 21:54	1634-04-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/26/24 21:54	75-09-2	
Naphthalene	<1.9	ug/L	5.0	1.9	1		04/26/24 21:54	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/26/24 21:54	100-42-5	

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### ANALYTICAL RESULTS

Project: DUN-RITE

Pace Project No.: 40277229

Sample: GP-12 Lab ID: 40277229002 Collected: 04/18/24 08:30 Received: 04/23/24 07:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Tetrachloroethene	27.2	ug/L	1.0	0.41	1		04/26/24 21:54	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/26/24 21:54	108-88-3	
Trichloroethene	0.61J	ug/L	1.0	0.32	1		04/26/24 21:54	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/26/24 21:54	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/26/24 21:54	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/26/24 21:54	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/26/24 21:54	156-59-2	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		04/26/24 21:54	10061-01-5	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/26/24 21:54	104-51-8	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/26/24 21:54	103-65-1	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/26/24 21:54	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/26/24 21:54	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/26/24 21:54	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/26/24 21:54	156-60-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		04/26/24 21:54	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	112	%	70-130		1		04/26/24 21:54	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		04/26/24 21:54	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		04/26/24 21:54	2037-26-5	

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**ANALYTICAL RESULTS**

Project: DUN-RITE

Pace Project No.: 40277229

**Sample: MWG-1**      **Lab ID: 40277229003**      Collected: 04/18/24 08:10      Received: 04/23/24 07:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/26/24 22:12	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/26/24 22:12	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		04/26/24 22:12	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		04/26/24 22:12	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/26/24 22:12	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/26/24 22:12	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/26/24 22:12	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/26/24 22:12	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		04/26/24 22:12	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/26/24 22:12	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/26/24 22:12	95-63-6	
1,2-Dibromo-3-chloropropane	<0.36	ug/L	5.0	0.36	1		04/26/24 22:12	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/26/24 22:12	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/26/24 22:12	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/26/24 22:12	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/26/24 22:12	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/26/24 22:12	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/26/24 22:12	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/26/24 22:12	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/26/24 22:12	106-46-7	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		04/26/24 22:12	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/26/24 22:12	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/26/24 22:12	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		04/26/24 22:12	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/26/24 22:12	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		04/26/24 22:12	74-97-5	
Bromodichloromethane	<0.21	ug/L	1.0	0.21	1		04/26/24 22:12	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		04/26/24 22:12	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/26/24 22:12	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/26/24 22:12	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/26/24 22:12	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/26/24 22:12	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		04/26/24 22:12	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/26/24 22:12	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/26/24 22:12	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/26/24 22:12	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/26/24 22:12	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/26/24 22:12	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/26/24 22:12	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/26/24 22:12	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/26/24 22:12	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/26/24 22:12	1634-04-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/26/24 22:12	75-09-2	
Naphthalene	<1.9	ug/L	5.0	1.9	1		04/26/24 22:12	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/26/24 22:12	100-42-5	

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### ANALYTICAL RESULTS

Project: DUN-RITE

Pace Project No.: 40277229

Sample: MWG-1 Lab ID: 40277229003 Collected: 04/18/24 08:10 Received: 04/23/24 07:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Tetrachloroethene	3.6	ug/L	1.0	0.41	1		04/26/24 22:12	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/26/24 22:12	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/26/24 22:12	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/26/24 22:12	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/26/24 22:12	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/26/24 22:12	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/26/24 22:12	156-59-2	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		04/26/24 22:12	10061-01-5	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/26/24 22:12	104-51-8	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/26/24 22:12	103-65-1	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/26/24 22:12	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/26/24 22:12	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/26/24 22:12	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/26/24 22:12	156-60-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		04/26/24 22:12	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	112	%	70-130		1		04/26/24 22:12	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		04/26/24 22:12	2199-69-1	
Toluene-d8 (S)	105	%	70-130		1		04/26/24 22:12	2037-26-5	

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## ANALYTICAL RESULTS

Project: DUN-RITE

Pace Project No.: 40277229

Sample: QA-1 Lab ID: 40277229004 Collected: 04/18/24 08:30 Received: 04/23/24 07:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/26/24 20:24	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/26/24 20:24	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		04/26/24 20:24	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		04/26/24 20:24	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/26/24 20:24	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/26/24 20:24	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/26/24 20:24	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/26/24 20:24	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		04/26/24 20:24	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/26/24 20:24	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/26/24 20:24	95-63-6	
1,2-Dibromo-3-chloropropane	<0.36	ug/L	5.0	0.36	1		04/26/24 20:24	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/26/24 20:24	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/26/24 20:24	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/26/24 20:24	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/26/24 20:24	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/26/24 20:24	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/26/24 20:24	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/26/24 20:24	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/26/24 20:24	106-46-7	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		04/26/24 20:24	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/26/24 20:24	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/26/24 20:24	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		04/26/24 20:24	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/26/24 20:24	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		04/26/24 20:24	74-97-5	
Bromodichloromethane	<0.21	ug/L	1.0	0.21	1		04/26/24 20:24	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		04/26/24 20:24	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/26/24 20:24	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/26/24 20:24	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/26/24 20:24	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/26/24 20:24	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		04/26/24 20:24	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/26/24 20:24	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/26/24 20:24	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/26/24 20:24	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/26/24 20:24	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/26/24 20:24	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/26/24 20:24	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/26/24 20:24	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/26/24 20:24	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/26/24 20:24	1634-04-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/26/24 20:24	75-09-2	
Naphthalene	<1.9	ug/L	5.0	1.9	1		04/26/24 20:24	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/26/24 20:24	100-42-5	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: DUN-RITE

Pace Project No.: 40277229

Sample: QA-1 Lab ID: 40277229004 Collected: 04/18/24 08:30 Received: 04/23/24 07:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Tetrachloroethene	29.1	ug/L	1.0	0.41	1		04/26/24 20:24	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/26/24 20:24	108-88-3	
Trichloroethene	0.48J	ug/L	1.0	0.32	1		04/26/24 20:24	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/26/24 20:24	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/26/24 20:24	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/26/24 20:24	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/26/24 20:24	156-59-2	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		04/26/24 20:24	10061-01-5	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/26/24 20:24	104-51-8	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/26/24 20:24	103-65-1	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/26/24 20:24	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/26/24 20:24	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/26/24 20:24	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/26/24 20:24	156-60-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		04/26/24 20:24	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	108	%	70-130		1		04/26/24 20:24	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		04/26/24 20:24	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		04/26/24 20:24	2037-26-5	

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## ANALYTICAL RESULTS

Project: DUN-RITE

Pace Project No.: 40277229

Sample: TRIP BLANK Lab ID: 40277229005 Collected: 04/18/24 00:00 Received: 04/23/24 07:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/26/24 18:54	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/26/24 18:54	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		04/26/24 18:54	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		04/26/24 18:54	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/26/24 18:54	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/26/24 18:54	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/26/24 18:54	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/26/24 18:54	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		04/26/24 18:54	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/26/24 18:54	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/26/24 18:54	95-63-6	
1,2-Dibromo-3-chloropropane	<0.36	ug/L	5.0	0.36	1		04/26/24 18:54	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/26/24 18:54	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/26/24 18:54	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/26/24 18:54	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/26/24 18:54	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/26/24 18:54	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/26/24 18:54	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/26/24 18:54	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/26/24 18:54	106-46-7	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		04/26/24 18:54	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/26/24 18:54	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/26/24 18:54	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		04/26/24 18:54	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/26/24 18:54	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		04/26/24 18:54	74-97-5	
Bromodichloromethane	<0.21	ug/L	1.0	0.21	1		04/26/24 18:54	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		04/26/24 18:54	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/26/24 18:54	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/26/24 18:54	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/26/24 18:54	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/26/24 18:54	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		04/26/24 18:54	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/26/24 18:54	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/26/24 18:54	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/26/24 18:54	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/26/24 18:54	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/26/24 18:54	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/26/24 18:54	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/26/24 18:54	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/26/24 18:54	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/26/24 18:54	1634-04-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/26/24 18:54	75-09-2	
Naphthalene	<1.9	ug/L	5.0	1.9	1		04/26/24 18:54	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/26/24 18:54	100-42-5	

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### ANALYTICAL RESULTS

Project: DUN-RITE

Pace Project No.: 40277229

Sample: TRIP BLANK Lab ID: 40277229005 Collected: 04/18/24 00:00 Received: 04/23/24 07:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/26/24 18:54	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/26/24 18:54	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/26/24 18:54	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/26/24 18:54	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/26/24 18:54	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/26/24 18:54	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/26/24 18:54	156-59-2	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		04/26/24 18:54	10061-01-5	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/26/24 18:54	104-51-8	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/26/24 18:54	103-65-1	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/26/24 18:54	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/26/24 18:54	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/26/24 18:54	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/26/24 18:54	156-60-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		04/26/24 18:54	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	111	%	70-130		1		04/26/24 18:54	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		04/26/24 18:54	2199-69-1	
Toluene-d8 (S)	105	%	70-130		1		04/26/24 18:54	2037-26-5	

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## QUALITY CONTROL DATA

Project: DUN-RITE

Pace Project No.: 40277229

QC Batch: 472755

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40277229001, 40277229002, 40277229003, 40277229004, 40277229005

METHOD BLANK: 2707588

Matrix: Water

Associated Lab Samples: 40277229001, 40277229002, 40277229003, 40277229004, 40277229005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	04/26/24 15:18	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	04/26/24 15:18	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	04/26/24 15:18	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	04/26/24 15:18	
1,1-Dichloroethane	ug/L	<0.30	1.0	04/26/24 15:18	
1,1-Dichloroethene	ug/L	<0.58	1.0	04/26/24 15:18	
1,1-Dichloropropene	ug/L	<0.41	1.0	04/26/24 15:18	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	04/26/24 15:18	
1,2,3-Trichloropropane	ug/L	<0.56	1.0	04/26/24 15:18	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	04/26/24 15:18	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	04/26/24 15:18	
1,2-Dibromo-3-chloropropane	ug/L	<0.36	5.0	04/26/24 15:18	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	04/26/24 15:18	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	04/26/24 15:18	
1,2-Dichloroethane	ug/L	<0.29	1.0	04/26/24 15:18	
1,2-Dichloropropane	ug/L	<0.45	1.0	04/26/24 15:18	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	04/26/24 15:18	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	04/26/24 15:18	
1,3-Dichloropropane	ug/L	<0.30	1.0	04/26/24 15:18	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	04/26/24 15:18	
2,2-Dichloropropane	ug/L	<0.42	1.0	04/26/24 15:18	
2-Chlorotoluene	ug/L	<0.89	5.0	04/26/24 15:18	
4-Chlorotoluene	ug/L	<0.89	5.0	04/26/24 15:18	
Benzene	ug/L	<0.30	1.0	04/26/24 15:18	
Bromobenzene	ug/L	<0.36	1.0	04/26/24 15:18	
Bromochloromethane	ug/L	<0.36	1.0	04/26/24 15:18	
Bromodichloromethane	ug/L	<0.21	1.0	04/26/24 15:18	
Bromoform	ug/L	<0.43	1.0	04/26/24 15:18	
Bromomethane	ug/L	<1.2	5.0	04/26/24 15:18	
Carbon tetrachloride	ug/L	<0.37	1.0	04/26/24 15:18	
Chlorobenzene	ug/L	<0.86	1.0	04/26/24 15:18	
Chloroethane	ug/L	<1.4	5.0	04/26/24 15:18	
Chloroform	ug/L	<0.50	5.0	04/26/24 15:18	
Chloromethane	ug/L	<1.6	5.0	04/26/24 15:18	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	04/26/24 15:18	
cis-1,3-Dichloropropene	ug/L	<0.24	1.0	04/26/24 15:18	
Dibromochloromethane	ug/L	<2.6	5.0	04/26/24 15:18	
Dibromomethane	ug/L	<0.99	5.0	04/26/24 15:18	
Dichlorodifluoromethane	ug/L	<0.46	5.0	04/26/24 15:18	
Diisopropyl ether	ug/L	<1.1	5.0	04/26/24 15:18	

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: DUN-RITE

Pace Project No.: 40277229

METHOD BLANK: 2707588

Matrix: Water

Associated Lab Samples: 40277229001, 40277229002, 40277229003, 40277229004, 40277229005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.33	1.0	04/26/24 15:18	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	04/26/24 15:18	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	04/26/24 15:18	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	04/26/24 15:18	
Methylene Chloride	ug/L	<0.32	5.0	04/26/24 15:18	
n-Butylbenzene	ug/L	<0.86	1.0	04/26/24 15:18	
n-Propylbenzene	ug/L	<0.35	1.0	04/26/24 15:18	
Naphthalene	ug/L	<1.9	5.0	04/26/24 15:18	
p-Isopropyltoluene	ug/L	<1.0	5.0	04/26/24 15:18	
sec-Butylbenzene	ug/L	<0.42	1.0	04/26/24 15:18	
Styrene	ug/L	<0.36	1.0	04/26/24 15:18	
tert-Butylbenzene	ug/L	<0.59	1.0	04/26/24 15:18	
Tetrachloroethene	ug/L	<0.41	1.0	04/26/24 15:18	
Toluene	ug/L	<0.29	1.0	04/26/24 15:18	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	04/26/24 15:18	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	04/26/24 15:18	
Trichloroethene	ug/L	<0.32	1.0	04/26/24 15:18	
Trichlorofluoromethane	ug/L	<0.42	1.0	04/26/24 15:18	
Vinyl chloride	ug/L	<0.17	1.0	04/26/24 15:18	
Xylene (Total)	ug/L	<1.0	3.0	04/26/24 15:18	
1,2-Dichlorobenzene-d4 (S)	%	101	70-130	04/26/24 15:18	
4-Bromofluorobenzene (S)	%	113	70-130	04/26/24 15:18	
Toluene-d8 (S)	%	106	70-130	04/26/24 15:18	

LABORATORY CONTROL SAMPLE: 2707589

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	48.4	97	70-132	
1,1,2,2-Tetrachloroethane	ug/L	50	51.7	103	70-130	
1,1,2-Trichloroethane	ug/L	50	50.9	102	70-130	
1,1-Dichloroethane	ug/L	50	52.6	105	70-130	
1,1-Dichloroethene	ug/L	50	49.5	99	73-140	
1,2,4-Trichlorobenzene	ug/L	50	41.8	84	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	45.0	90	58-130	
1,2-Dibromoethane (EDB)	ug/L	50	47.8	96	70-130	
1,2-Dichlorobenzene	ug/L	50	47.5	95	70-130	
1,2-Dichloroethane	ug/L	50	51.6	103	70-130	
1,2-Dichloropropane	ug/L	50	54.9	110	77-127	
1,3-Dichlorobenzene	ug/L	50	47.2	94	70-130	
1,4-Dichlorobenzene	ug/L	50	48.3	97	70-130	
Benzene	ug/L	50	50.8	102	70-130	
Bromodichloromethane	ug/L	50	52.7	105	70-130	
Bromoform	ug/L	50	41.2	82	70-130	
Bromomethane	ug/L	50	56.0	112	22-141	

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: DUN-RITE

Pace Project No.: 40277229

LABORATORY CONTROL SAMPLE: 2707589

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	50	51.7	103	70-135	
Chlorobenzene	ug/L	50	50.0	100	70-130	
Chloroethane	ug/L	50	69.6	139	59-141	
Chloroform	ug/L	50	51.8	104	80-124	
Chloromethane	ug/L	50	58.1	116	29-150	
cis-1,2-Dichloroethene	ug/L	50	45.4	91	70-130	
cis-1,3-Dichloropropene	ug/L	50	50.2	100	70-130	
Dibromochloromethane	ug/L	50	44.1	88	70-130	
Dichlorodifluoromethane	ug/L	50	57.3	115	10-147	
Ethylbenzene	ug/L	50	52.8	106	80-125	
Isopropylbenzene (Cumene)	ug/L	50	53.8	108	70-130	
Methyl-tert-butyl ether	ug/L	50	49.9	100	64-131	
Methylene Chloride	ug/L	50	54.3	109	70-137	
Styrene	ug/L	50	52.6	105	70-130	
Tetrachloroethene	ug/L	50	47.4	95	70-130	
Toluene	ug/L	50	49.7	99	80-120	
trans-1,2-Dichloroethene	ug/L	50	52.5	105	70-131	
trans-1,3-Dichloropropene	ug/L	50	52.0	104	70-130	
Trichloroethene	ug/L	50	49.2	98	70-130	
Trichlorofluoromethane	ug/L	50	55.3	111	69-141	
Vinyl chloride	ug/L	50	55.1	110	51-145	
Xylene (Total)	ug/L	150	152	101	70-130	
1,2-Dichlorobenzene-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			107	70-130	
Toluene-d8 (S)	%			105	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2708398 2708399

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		40277253001 Result	Spike Conc.	Spike Conc.	MSD Result							
1,1,1-Trichloroethane	ug/L	<0.30	50	50	51.5	51.7	103	103	70-132	0	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	50	50	53.9	58.6	108	117	70-131	8	20	
1,1,2-Trichloroethane	ug/L	<0.34	50	50	54.1	54.3	108	109	70-130	0	20	
1,1-Dichloroethane	ug/L	<0.30	50	50	54.4	55.3	109	111	70-131	2	20	
1,1-Dichloroethene	ug/L	<0.58	50	50	49.1	50.6	98	101	69-146	3	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	44.8	46.2	90	92	70-130	3	20	
1,2-Dibromo-3-chloropropane	ug/L	<0.36	50	50	45.8	49.8	92	100	56-130	8	20	
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	48.7	52.5	97	105	70-130	7	20	
1,2-Dichlorobenzene	ug/L	<0.33	50	50	48.5	51.1	97	102	70-130	5	20	
1,2-Dichloroethane	ug/L	<0.29	50	50	52.4	55.3	105	111	70-130	5	20	
1,2-Dichloropropane	ug/L	<0.45	50	50	54.4	55.5	109	111	77-129	2	20	
1,3-Dichlorobenzene	ug/L	<0.35	50	50	49.2	51.0	98	102	70-130	4	20	
1,4-Dichlorobenzene	ug/L	<0.89	50	50	50.1	50.2	100	100	70-130	0	20	
Benzene	ug/L	<0.30	50	50	51.4	51.4	103	103	70-130	0	20	

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**REPORT OF LABORATORY ANALYSIS**

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**QUALITY CONTROL DATA**

Project: DUN-RITE

Pace Project No.: 40277229

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2708398 2708399														
Parameter	Units	40277253001		MS	MSD	2708399		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	MS Result	MSD Result							
Bromodichloromethane	ug/L	<0.21	50	50	52.9	54.8	106	110	70-130	4	20			
Bromoform	ug/L	<0.43	50	50	41.6	45.3	83	91	70-130	8	20			
Bromomethane	ug/L	<1.2	50	50	62.8	65.3	126	131	12-159	4	26			
Carbon tetrachloride	ug/L	<0.37	50	50	54.7	56.6	109	113	70-135	3	20			
Chlorobenzene	ug/L	<0.86	50	50	51.3	51.6	103	103	70-130	1	20			
Chloroethane	ug/L	<1.4	50	50	66.5	72.0	133	144	56-143	8	20	M1		
Chloroform	ug/L	<0.50	50	50	52.8	54.0	106	108	80-126	2	20			
Chloromethane	ug/L	<1.6	50	50	59.5	62.0	119	124	22-156	4	20			
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	46.9	46.9	94	94	70-130	0	20			
cis-1,3-Dichloropropene	ug/L	<0.24	50	50	50.7	53.3	101	107	70-130	5	20			
Dibromochloromethane	ug/L	<2.6	50	50	45.9	46.9	92	94	70-130	2	20			
Dichlorodifluoromethane	ug/L	<0.46	50	50	56.5	57.1	113	114	10-147	1	20			
Ethylbenzene	ug/L	<0.33	50	50	55.3	55.1	111	110	80-126	0	20			
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	55.7	55.2	111	110	70-130	1	20			
Methyl-tert-butyl ether	ug/L	<1.1	50	50	54.2	55.0	108	110	64-136	1	20			
Methylene Chloride	ug/L	<0.32	50	50	55.7	55.5	111	111	70-137	0	20			
Styrene	ug/L	<0.36	50	50	53.2	54.4	106	109	70-133	2	20			
Tetrachloroethene	ug/L	1.3	50	50	51.7	49.6	101	97	70-131	4	20			
Toluene	ug/L	<0.29	50	50	52.9	52.0	106	104	80-121	2	20			
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	52.4	53.6	105	107	70-135	2	20			
trans-1,3-Dichloropropene	ug/L	<0.27	50	50	54.9	55.8	110	112	70-130	2	20			
Trichloroethene	ug/L	<0.32	50	50	50.0	50.7	100	101	70-130	1	20			
Trichlorofluoromethane	ug/L	<0.42	50	50	56.2	57.2	112	114	67-142	2	20			
Vinyl chloride	ug/L	<0.17	50	50	57.0	56.7	114	113	45-147	0	20			
Xylene (Total)	ug/L	<1.0	150	150	155	158	103	106	70-130	2	20			
1,2-Dichlorobenzene-d4 (S)	%						98	99	70-130					
4-Bromofluorobenzene (S)	%						106	111	70-130					
Toluene-d8 (S)	%						105	102	70-130					

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**REPORT OF LABORATORY ANALYSIS**

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## QUALIFIERS

Project: DUN-RITE

Pace Project No.: 40277229

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### 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 - The reported result is an estimated value.

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.

DL - Adjusted Method Detection Limit.

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 - Analyte was not detected and is reported as less than the LOD or as defined by the customer.

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

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: DUN-RITE

Pace Project No.: 40277229

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Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40277229001	GP-11	EPA 8260	472755		
40277229002	GP-12	EPA 8260	472755		
40277229003	MWG-1	EPA 8260	472755		
40277229004	QA-1	EPA 8260	472755		
40277229005	TRIP BLANK	EPA 8260	472755		

### REPORT OF LABORATORY ANALYSIS

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Pace® Location Requested (City/State):

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

### CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here



40277229

Scan QR Code for instructions

**Company Name:** SAND COUNTY ENVIRONMENTAL, INC.  
**Street Address:** 151 Mill Street, Amherst, WI 54406

**Customer Project #**  
**Project Name:** DUN-RITE

**Site Collection Info/Facility ID (as applicable):**

**Contact/Report To:** Pete Arntsen  
**Phone #:** 715-824-5169  
**E-Mail:** pete.arntsen@sandcountyenw.com  
**Cc E-Mail:**

**Invoice To:** Pete Arntsen  
**Invoice E-Mail:** pete.arntsen@sandcountyenw.com

**Purchase Order # (if applicable):**  
**Quote #:**

**Time Zone Collected:** [ ] AK [ ] PT [ ] MT [X] CT [ ] ET **County / State origin of sample(s):** Wisconsin

**Data Deliverables:** Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

[ ] Level II [ ] Level III [ ] Level IV  
 [ ] EQUIS  
 [ ] Other

**Rush (Pre-approval required):** DW PWSID # or WW Permit # as applicable.  
 [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other \_\_\_\_\_

**Date Results Requested:** Field Filtered (if applicable): [ ] Yes [ ] No  
 Analysis:

\* Matrix Codes (insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Res. Chlorine		VOC
			Date	Time	Date	Time		Results	Units	
GP-11	GW	Grab			4/18/24	8:55	3			X
GP-12	GW				4/18/24	8:30	3			X
mwG-1	GW				4/18/24	8:10	3			X
QA-1	GW	✓			4/18/24	8:30	3			X
trip blank										

**Specify Container Size \*\***

**Identify Container Preservative Type\*\*\***

**Analysis Requested**

\*\*Container Size (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

\*\*\*Preservative Types. (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

**Proj. Mgr:** Dan Milewsky  
**AcctNum / Client ID:**  
**Table #:**  
**Profile / Template:** 4005  
**Prelog / Bottle Ord. ID:** EZ 3098657  
**Sample Comment**

Preservation non-conformance identified for sample

**Additional Instructions from Pace®:**

**Collected By:** (Printed Name) Lars Smith  
**Signature:** *Lars Smith*

**Customer Remarks / Special Conditions / Possible Hazards:**

# Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp (°C) Corrected Temp. (°C) On Ice

**Relinquished by/Company (Signature):** *Lars Smith*  
**Relinquished by/Company (Signature):** *Waitco*

**Date/Time:** 4/22/24 9:00  
 4/23/24 0750

**Received by/Company (Signature):** *[Signature]*  
**Received by/Company (Signature):** *[Signature]*

**Date/Time:** 4/23/24 0750

**Tracking Number:**  
**Delivered by:** [ ] In-Person [ ] Courier  
 [ ] FedEx [ ] UPS [ ] Other  
**Page:** 1 of 1

Effective Date: 8/16/2022

Client Name: Sand County

Sample Preservation Receipt Form

Project # 40277229

All containers needing preservation have been checked and noted below:

Yes  No  N/A

Lab Lot# of pH paper:

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

Initial when completed.

Date/Time:

Pace Lab #	Glass						Plastic						Vials				Jars				General		VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)						
	AG1U	BG1U	AG1H	AG4S	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	JG9U	JG9U	WGFU								WPFU	SP5T	ZPLC	GN 1	GN 2	
001																3																			2.5 / 5
002																3																			2.5 / 5
003																3																			2.5 / 5
004																3																			2.5 / 5
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019																																			2.5 / 5
020																																			2.5 / 5

4/23/24 N/A

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

<b>AG1U</b>	1 liter amber glass	<b>BP1U</b>	1 liter plastic unpres	<b>VG9C</b>	40 mL clear ascorbic w/ HCl	<b>JG9U</b>	4 oz amber jar unpres
<b>BG1U</b>	1 liter clear glass	<b>BP3U</b>	250 mL plastic unpres	<b>DG9T</b>	40 mL amber Na Thio	<b>JG9U</b>	9 oz amber jar unpres
<b>AG1H</b>	1 liter amber glass HCL	<b>BP3B</b>	250 mL plastic NaOH	<b>VG9U</b>	40 mL clear vial unpres	<b>WGFU</b>	4 oz clear jar unpres
<b>AG4S</b>	125 mL amber glass H2SO4	<b>BP3N</b>	250 mL plastic HNO3	<b>VG9H</b>	40 mL clear vial HCL	<b>WPFU</b>	4 oz plastic jar unpres
<b>AG5U</b>	100 mL amber glass unpres	<b>BP3S</b>	250 mL plastic H2SO4	<b>VG9M</b>	40 mL clear vial MeOH	<b>SP5T</b>	120 mL plastic Na Thiosulfate
<b>AG2S</b>	500 mL amber glass H2SO4	<b>BP2Z</b>	500 mL plastic NaOH + Zn	<b>VG9D</b>	40 mL clear vial DI	<b>ZPLC</b>	ziploc bag
<b>BG3U</b>	250 mL clear glass unpres					<b>GN 1</b>	
						<b>GN 2</b>	

Sample Condition Upon Receipt Form (SCUR)

Project #:

Client Name: Sand County

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

Tracking #: 3876120-1

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-134 Type of Ice:  Wet  Blue Dry  None  Meltwater Only

Cooler Temperature Uncorr. 3.0 / Corr. 3.0

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.

WO#: **40277229**



40277229

Person examining contents:  
 Date: 4/23/24 / Initials: NK  
 Labeled By Initials: JB

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>Proj. #, 4/23/24 NK</u>
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.
- DI 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.
Correct Type: <u>Pace Green Bay</u> , Pace IR, Non-Pace		
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>517</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  
 Page 2 of 2

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

**Sand County Environmental**

Sample Delivery Group: L1730914  
Samples Received: 04/30/2024  
Project Number:  
Description: Dun-Rite

Report To: Pete Arntsen  
PO Box 218  
Amherst, WI 54406

Entire Report Reviewed By:



Matthew Iniguez  
Project Manager

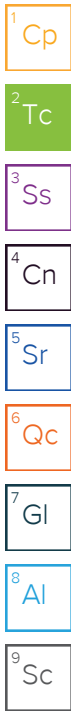
Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

**Pace Analytical National**

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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AA406-LOBBY L1730914-02	<b>7</b>
AA407-NW OFFICE L1730914-03	<b>9</b>
AA408-SW OFFICE L1730914-04	<b>11</b>
SSV203-DUN RITE OFFICE L1730914-05	<b>13</b>
SSV101-DUN RITE SOUTH L1730914-06	<b>15</b>
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# SAMPLE SUMMARY

## AA405-OUTSIDE L1730914-01 Air

Collected by: Pete Arnsten  
 Collected date/time: 04/24/24 15:33  
 Received date/time: 04/30/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2277425	1	04/30/24 17:12	04/30/24 17:12	SDS	Mt. Juliet, TN

## AA406-LOBBY L1730914-02 Air

Collected by: Pete Arnsten  
 Collected date/time: 04/24/24 15:39  
 Received date/time: 04/30/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2277425	1	04/30/24 17:41	04/30/24 17:41	SDS	Mt. Juliet, TN

## AA407-NW OFFICE L1730914-03 Air

Collected by: Pete Arnsten  
 Collected date/time: 04/24/24 15:53  
 Received date/time: 04/30/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2277425	1	04/30/24 18:09	04/30/24 18:09	SDS	Mt. Juliet, TN

## AA408-SW OFFICE L1730914-04 Air

Collected by: Pete Arnsten  
 Collected date/time: 04/24/24 16:00  
 Received date/time: 04/30/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2277425	1	04/30/24 18:38	04/30/24 18:38	SDS	Mt. Juliet, TN

## SSV203-DUN RITE OFFICE L1730914-05 Air

Collected by: Pete Arnsten  
 Collected date/time: 04/24/24 10:49  
 Received date/time: 04/30/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2277425	1	04/30/24 19:07	04/30/24 19:07	SDS	Mt. Juliet, TN

## SSV101-DUN RITE SOUTH L1730914-06 Air

Collected by: Pete Arnsten  
 Collected date/time: 04/24/24 11:04  
 Received date/time: 04/30/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2277425	1	04/30/24 19:35	04/30/24 19:35	SDS	Mt. Juliet, TN

## SSV406-NW OFFICE L1730914-07 Air

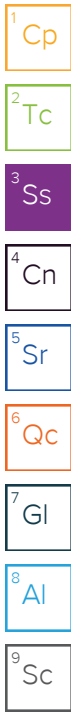
Collected by: Pete Arnsten  
 Collected date/time: 04/24/24 11:51  
 Received date/time: 04/30/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2277425	1	04/30/24 20:04	04/30/24 20:04	SDS	Mt. Juliet, TN
Volatile Organic Compounds (MS) by Method TO-15	WG2278877	10	05/02/24 15:40	05/02/24 15:40	SDS	Mt. Juliet, TN

## BLOWER EXHAUST L1730914-08 Air

Collected by: Pete Arnsten  
 Collected date/time: 04/24/24 11:22  
 Received date/time: 04/30/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2277425	1	04/30/24 20:32	04/30/24 20:32	SDS	Mt. Juliet, TN



# CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Matthew Iniguez  
Project Manager

<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Sr

<sup>6</sup> Qc

<sup>7</sup> Gl

<sup>8</sup> Al

<sup>9</sup> Sc

## Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.95	4.63	3.46	8.22		1	WG2277425
Allyl chloride	107-05-1	76.53	0.380	1.19	ND	ND		1	WG2277425
Benzene	71-43-2	78.10	0.238	0.760	ND	ND		1	WG2277425
Benzyl Chloride	100-44-7	127	0.199	1.03	ND	ND		1	WG2277425
Bromodichloromethane	75-27-4	164	0.234	1.57	ND	ND		1	WG2277425
Bromoform	75-25-2	253	0.244	2.52	ND	ND		1	WG2277425
Bromomethane	74-83-9	94.90	0.327	1.27	ND	ND		1	WG2277425
1,3-Butadiene	106-99-0	54.10	0.347	0.768	ND	ND		1	WG2277425
Carbon disulfide	75-15-0	76.10	0.340	1.06	ND	ND		1	WG2277425
Carbon tetrachloride	56-23-5	154	0.244	1.54	ND	ND		1	WG2277425
Chlorobenzene	108-90-7	113	0.277	1.28	ND	ND		1	WG2277425
Chloroethane	75-00-3	64.50	0.332	0.876	ND	ND		1	WG2277425
Chloroform	67-66-3	119	0.239	1.16	ND	ND		1	WG2277425
Chloromethane	74-87-3	50.50	0.343	0.708	0.586	1.21		1	WG2277425
2-Chlorotoluene	95-49-8	126	0.276	1.42	ND	ND		1	WG2277425
Cyclohexane	110-82-7	84.20	0.251	0.864	ND	ND		1	WG2277425
Dibromochloromethane	124-48-1	208	0.242	2.06	ND	ND		1	WG2277425
1,2-Dibromoethane	106-93-4	188	0.240	1.85	ND	ND		1	WG2277425
1,2-Dichlorobenzene	95-50-1	147	0.427	2.57	ND	ND		1	WG2277425
1,3-Dichlorobenzene	541-73-1	147	0.607	3.65	ND	ND		1	WG2277425
1,4-Dichlorobenzene	106-46-7	147	0.186	1.12	ND	ND		1	WG2277425
1,2-Dichloroethane	107-06-2	99	0.233	0.943	ND	ND		1	WG2277425
1,1-Dichloroethane	75-34-3	98	0.241	0.966	ND	ND		1	WG2277425
1,1-Dichloroethene	75-35-4	96.90	0.254	1.01	ND	ND		1	WG2277425
cis-1,2-Dichloroethene	156-59-2	96.90	0.261	1.03	ND	ND		1	WG2277425
trans-1,2-Dichloroethene	156-60-5	96.90	0.224	0.888	ND	ND		1	WG2277425
1,2-Dichloropropane	78-87-5	113	0.253	1.17	ND	ND		1	WG2277425
cis-1,3-Dichloropropene	10061-01-5	111	0.230	1.04	ND	ND		1	WG2277425
trans-1,3-Dichloropropene	10061-02-6	111	0.243	1.10	ND	ND		1	WG2277425
1,4-Dioxane	123-91-1	88.10	0.278	1.00	ND	ND		1	WG2277425
Ethanol	64-17-5	46.10	0.883	1.66	1.36	2.56		1	WG2277425
Ethylbenzene	100-41-4	106	0.278	1.21	ND	ND		1	WG2277425
4-Ethyltoluene	622-96-8	120	0.261	1.28	ND	ND		1	WG2277425
Trichlorofluoromethane	75-69-4	137.40	0.273	1.53	ND	ND		1	WG2277425
Dichlorodifluoromethane	75-71-8	120.92	0.457	2.26	0.479	2.37		1	WG2277425
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.264	2.02	ND	ND		1	WG2277425
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.297	2.08	ND	ND		1	WG2277425
Heptane	142-82-5	100	0.347	1.42	ND	ND		1	WG2277425
Hexachloro-1,3-butadiene	87-68-3	261	0.350	3.74	ND	ND		1	WG2277425
n-Hexane	110-54-3	86.20	0.687	2.42	ND	ND		1	WG2277425
Isopropylbenzene	98-82-8	120.20	0.259	1.27	ND	ND		1	WG2277425
Methylene Chloride	75-09-2	84.90	0.326	1.13	ND	ND		1	WG2277425
Methyl Butyl Ketone	591-78-6	100	0.443	1.81	ND	ND		1	WG2277425
2-Butanone (MEK)	78-93-3	72.10	0.271	0.799	ND	ND		1	WG2277425
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	0.255	1.04	ND	ND		1	WG2277425
Methyl methacrylate	80-62-6	100.12	0.292	1.20	ND	ND		1	WG2277425
MTBE	1634-04-4	88.10	0.216	0.778	ND	ND		1	WG2277425
Naphthalene	91-20-3	128	1.17	6.13	ND	ND		1	WG2277425
2-Propanol	67-63-0	60.10	0.880	2.16	ND	ND		1	WG2277425
Propene	115-07-1	42.10	0.311	0.536	ND	ND		1	WG2277425
Styrene	100-42-5	104	0.263	1.12	ND	ND		1	WG2277425
1,1,2,2-Tetrachloroethane	79-34-5	168	0.248	1.70	ND	ND		1	WG2277425
<b>Tetrachloroethylene</b>	<b>127-18-4</b>	<b>166</b>	<b>0.271</b>	<b>1.84</b>	<b>ND</b>	<b>ND</b>		<b>1</b>	<b>WG2277425</b>
Tetrahydrofuran	109-99-9	72.10	0.245	0.722	ND	ND		1	WG2277425
Toluene	108-88-3	92.10	0.290	1.09	ND	ND		1	WG2277425
1,2,4-Trichlorobenzene	120-82-1	181	0.493	3.65	ND	ND		1	WG2277425

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

## Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.245	1.33	ND	ND		1	<a href="#">WG2277425</a>
1,1,2-Trichloroethane	79-00-5	133	0.258	1.40	ND	ND		1	<a href="#">WG2277425</a>
Trichloroethylene	79-01-6	131	0.227	1.22	ND	ND		1	<a href="#">WG2277425</a>
1,2,4-Trimethylbenzene	95-63-6	120	0.255	1.25	ND	ND		1	<a href="#">WG2277425</a>
1,3,5-Trimethylbenzene	108-67-8	120	0.260	1.28	ND	ND		1	<a href="#">WG2277425</a>
2,2,4-Trimethylpentane	540-84-1	114.22	0.443	2.07	ND	ND		1	<a href="#">WG2277425</a>
Vinyl chloride	75-01-4	62.50	0.316	0.808	ND	ND		1	<a href="#">WG2277425</a>
Vinyl Bromide	593-60-2	106.95	0.284	1.24	ND	ND		1	<a href="#">WG2277425</a>
Vinyl acetate	108-05-4	86.10	0.387	1.36	ND	ND		1	<a href="#">WG2277425</a>
Xylenes, Total	1330-20-7	106.16	0.450	1.95	ND	ND		1	<a href="#">WG2277425</a>
m&p-Xylene	179601-23-1	106	0.450	1.95	ND	ND		1	<a href="#">WG2277425</a>
o-Xylene	95-47-6	106	0.276	1.20	ND	ND		1	<a href="#">WG2277425</a>
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		95.2				<a href="#">WG2277425</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

## Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.95	4.63	5.66	13.4		1	WG2277425
Allyl chloride	107-05-1	76.53	0.380	1.19	ND	ND		1	WG2277425
Benzene	71-43-2	78.10	0.238	0.760	ND	ND		1	WG2277425
Benzyl Chloride	100-44-7	127	0.199	1.03	ND	ND		1	WG2277425
Bromodichloromethane	75-27-4	164	0.234	1.57	ND	ND		1	WG2277425
Bromoform	75-25-2	253	0.244	2.52	ND	ND		1	WG2277425
Bromomethane	74-83-9	94.90	0.327	1.27	ND	ND		1	WG2277425
1,3-Butadiene	106-99-0	54.10	0.347	0.768	ND	ND		1	WG2277425
Carbon disulfide	75-15-0	76.10	0.340	1.06	ND	ND		1	WG2277425
Carbon tetrachloride	56-23-5	154	0.244	1.54	ND	ND		1	WG2277425
Chlorobenzene	108-90-7	113	0.277	1.28	ND	ND		1	WG2277425
Chloroethane	75-00-3	64.50	0.332	0.876	ND	ND		1	WG2277425
Chloroform	67-66-3	119	0.239	1.16	ND	ND		1	WG2277425
Chloromethane	74-87-3	50.50	0.343	0.708	0.827	1.71		1	WG2277425
2-Chlorotoluene	95-49-8	126	0.276	1.42	ND	ND		1	WG2277425
Cyclohexane	110-82-7	84.20	0.251	0.864	ND	ND		1	WG2277425
Dibromochloromethane	124-48-1	208	0.242	2.06	ND	ND		1	WG2277425
1,2-Dibromoethane	106-93-4	188	0.240	1.85	ND	ND		1	WG2277425
1,2-Dichlorobenzene	95-50-1	147	0.427	2.57	ND	ND		1	WG2277425
1,3-Dichlorobenzene	541-73-1	147	0.607	3.65	ND	ND		1	WG2277425
1,4-Dichlorobenzene	106-46-7	147	0.186	1.12	0.385	2.31		1	WG2277425
1,2-Dichloroethane	107-06-2	99	0.233	0.943	ND	ND		1	WG2277425
1,1-Dichloroethane	75-34-3	98	0.241	0.966	ND	ND		1	WG2277425
1,1-Dichloroethene	75-35-4	96.90	0.254	1.01	ND	ND		1	WG2277425
cis-1,2-Dichloroethene	156-59-2	96.90	0.261	1.03	ND	ND		1	WG2277425
trans-1,2-Dichloroethene	156-60-5	96.90	0.224	0.888	ND	ND		1	WG2277425
1,2-Dichloropropane	78-87-5	113	0.253	1.17	ND	ND		1	WG2277425
cis-1,3-Dichloropropene	10061-01-5	111	0.230	1.04	ND	ND		1	WG2277425
trans-1,3-Dichloropropene	10061-02-6	111	0.243	1.10	ND	ND		1	WG2277425
1,4-Dioxane	123-91-1	88.10	0.278	1.00	ND	ND		1	WG2277425
Ethanol	64-17-5	46.10	0.883	1.66	65.9	124		1	WG2277425
Ethylbenzene	100-41-4	106	0.278	1.21	ND	ND		1	WG2277425
4-Ethyltoluene	622-96-8	120	0.261	1.28	ND	ND		1	WG2277425
Trichlorofluoromethane	75-69-4	137.40	0.273	1.53	ND	ND		1	WG2277425
Dichlorodifluoromethane	75-71-8	120.92	0.457	2.26	2.04	10.1		1	WG2277425
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.264	2.02	ND	ND		1	WG2277425
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.297	2.08	ND	ND		1	WG2277425
Heptane	142-82-5	100	0.347	1.42	ND	ND		1	WG2277425
Hexachloro-1,3-butadiene	87-68-3	261	0.350	3.74	ND	ND		1	WG2277425
n-Hexane	110-54-3	86.20	0.687	2.42	ND	ND		1	WG2277425
Isopropylbenzene	98-82-8	120.20	0.259	1.27	ND	ND		1	WG2277425
Methylene Chloride	75-09-2	84.90	0.326	1.13	ND	ND		1	WG2277425
Methyl Butyl Ketone	591-78-6	100	0.443	1.81	ND	ND		1	WG2277425
2-Butanone (MEK)	78-93-3	72.10	0.271	0.799	0.391	1.15		1	WG2277425
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	0.255	1.04	ND	ND		1	WG2277425
Methyl methacrylate	80-62-6	100.12	0.292	1.20	ND	ND		1	WG2277425
MTBE	1634-04-4	88.10	0.216	0.778	ND	ND		1	WG2277425
Naphthalene	91-20-3	128	1.17	6.13	ND	ND		1	WG2277425
2-Propanol	67-63-0	60.10	0.880	2.16	ND	ND		1	WG2277425
Propene	115-07-1	42.10	0.311	0.536	ND	ND		1	WG2277425
Styrene	100-42-5	104	0.263	1.12	ND	ND		1	WG2277425
1,1,2,2-Tetrachloroethane	79-34-5	168	0.248	1.70	ND	ND		1	WG2277425
<b>Tetrachloroethylene</b>	<b>127-18-4</b>	<b>166</b>	<b>0.271</b>	<b>1.84</b>	<b>0.475</b>	<b>3.22</b>		1	WG2277425
Tetrahydrofuran	109-99-9	72.10	0.245	0.722	ND	ND		1	WG2277425
Toluene	108-88-3	92.10	0.290	1.09	ND	ND		1	WG2277425
1,2,4-Trichlorobenzene	120-82-1	181	0.493	3.65	ND	ND		1	WG2277425

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

## Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.245	1.33	ND	ND		1	<a href="#">WG2277425</a>
1,1,2-Trichloroethane	79-00-5	133	0.258	1.40	ND	ND		1	<a href="#">WG2277425</a>
Trichloroethylene	79-01-6	131	0.227	1.22	0.277	1.48		1	<a href="#">WG2277425</a>
1,2,4-Trimethylbenzene	95-63-6	120	0.255	1.25	ND	ND		1	<a href="#">WG2277425</a>
1,3,5-Trimethylbenzene	108-67-8	120	0.260	1.28	ND	ND		1	<a href="#">WG2277425</a>
2,2,4-Trimethylpentane	540-84-1	114.22	0.443	2.07	ND	ND		1	<a href="#">WG2277425</a>
Vinyl chloride	75-01-4	62.50	0.316	0.808	ND	ND		1	<a href="#">WG2277425</a>
Vinyl Bromide	593-60-2	106.95	0.284	1.24	ND	ND		1	<a href="#">WG2277425</a>
Vinyl acetate	108-05-4	86.10	0.387	1.36	ND	ND		1	<a href="#">WG2277425</a>
Xylenes, Total	1330-20-7	106.16	0.450	1.95	ND	ND		1	<a href="#">WG2277425</a>
m&p-Xylene	179601-23-1	106	0.450	1.95	ND	ND		1	<a href="#">WG2277425</a>
o-Xylene	95-47-6	106	0.276	1.20	ND	ND		1	<a href="#">WG2277425</a>
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		95.6				<a href="#">WG2277425</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

## Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.95	4.63	5.73	13.6		1	WG2277425
Allyl chloride	107-05-1	76.53	0.380	1.19	ND	ND		1	WG2277425
Benzene	71-43-2	78.10	0.238	0.760	ND	ND		1	WG2277425
Benzyl Chloride	100-44-7	127	0.199	1.03	ND	ND		1	WG2277425
Bromodichloromethane	75-27-4	164	0.234	1.57	ND	ND		1	WG2277425
Bromoform	75-25-2	253	0.244	2.52	ND	ND		1	WG2277425
Bromomethane	74-83-9	94.90	0.327	1.27	ND	ND		1	WG2277425
1,3-Butadiene	106-99-0	54.10	0.347	0.768	ND	ND		1	WG2277425
Carbon disulfide	75-15-0	76.10	0.340	1.06	ND	ND		1	WG2277425
Carbon tetrachloride	56-23-5	154	0.244	1.54	ND	ND		1	WG2277425
Chlorobenzene	108-90-7	113	0.277	1.28	ND	ND		1	WG2277425
Chloroethane	75-00-3	64.50	0.332	0.876	ND	ND		1	WG2277425
Chloroform	67-66-3	119	0.239	1.16	ND	ND		1	WG2277425
Chloromethane	74-87-3	50.50	0.343	0.708	0.707	1.46		1	WG2277425
2-Chlorotoluene	95-49-8	126	0.276	1.42	ND	ND		1	WG2277425
Cyclohexane	110-82-7	84.20	0.251	0.864	ND	ND		1	WG2277425
Dibromochloromethane	124-48-1	208	0.242	2.06	ND	ND		1	WG2277425
1,2-Dibromoethane	106-93-4	188	0.240	1.85	ND	ND		1	WG2277425
1,2-Dichlorobenzene	95-50-1	147	0.427	2.57	ND	ND		1	WG2277425
1,3-Dichlorobenzene	541-73-1	147	0.607	3.65	ND	ND		1	WG2277425
1,4-Dichlorobenzene	106-46-7	147	0.186	1.12	0.189	1.14		1	WG2277425
1,2-Dichloroethane	107-06-2	99	0.233	0.943	ND	ND		1	WG2277425
1,1-Dichloroethane	75-34-3	98	0.241	0.966	ND	ND		1	WG2277425
1,1-Dichloroethene	75-35-4	96.90	0.254	1.01	ND	ND		1	WG2277425
cis-1,2-Dichloroethene	156-59-2	96.90	0.261	1.03	ND	ND		1	WG2277425
trans-1,2-Dichloroethene	156-60-5	96.90	0.224	0.888	ND	ND		1	WG2277425
1,2-Dichloropropane	78-87-5	113	0.253	1.17	ND	ND		1	WG2277425
cis-1,3-Dichloropropene	10061-01-5	111	0.230	1.04	ND	ND		1	WG2277425
trans-1,3-Dichloropropene	10061-02-6	111	0.243	1.10	ND	ND		1	WG2277425
1,4-Dioxane	123-91-1	88.10	0.278	1.00	ND	ND		1	WG2277425
Ethanol	64-17-5	46.10	0.883	1.66	25.0	47.1		1	WG2277425
Ethylbenzene	100-41-4	106	0.278	1.21	ND	ND		1	WG2277425
4-Ethyltoluene	622-96-8	120	0.261	1.28	ND	ND		1	WG2277425
Trichlorofluoromethane	75-69-4	137.40	0.273	1.53	ND	ND		1	WG2277425
Dichlorodifluoromethane	75-71-8	120.92	0.457	2.26	1.82	9.00		1	WG2277425
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.264	2.02	ND	ND		1	WG2277425
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.297	2.08	ND	ND		1	WG2277425
Heptane	142-82-5	100	0.347	1.42	ND	ND		1	WG2277425
Hexachloro-1,3-butadiene	87-68-3	261	0.350	3.74	ND	ND		1	WG2277425
n-Hexane	110-54-3	86.20	0.687	2.42	ND	ND		1	WG2277425
Isopropylbenzene	98-82-8	120.20	0.259	1.27	ND	ND		1	WG2277425
Methylene Chloride	75-09-2	84.90	0.326	1.13	ND	ND		1	WG2277425
Methyl Butyl Ketone	591-78-6	100	0.443	1.81	ND	ND		1	WG2277425
2-Butanone (MEK)	78-93-3	72.10	0.271	0.799	0.371	1.09		1	WG2277425
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	0.255	1.04	ND	ND		1	WG2277425
Methyl methacrylate	80-62-6	100.12	0.292	1.20	ND	ND		1	WG2277425
MTBE	1634-04-4	88.10	0.216	0.778	ND	ND		1	WG2277425
Naphthalene	91-20-3	128	1.17	6.13	ND	ND		1	WG2277425
2-Propanol	67-63-0	60.10	0.880	2.16	ND	ND		1	WG2277425
Propene	115-07-1	42.10	0.311	0.536	ND	ND		1	WG2277425
Styrene	100-42-5	104	0.263	1.12	ND	ND		1	WG2277425
1,1,2,2-Tetrachloroethane	79-34-5	168	0.248	1.70	ND	ND		1	WG2277425
<b>Tetrachloroethylene</b>	<b>127-18-4</b>	<b>166</b>	<b>0.271</b>	<b>1.84</b>	<b>0.422</b>	<b>2.87</b>		1	WG2277425
Tetrahydrofuran	109-99-9	72.10	0.245	0.722	ND	ND		1	WG2277425
Toluene	108-88-3	92.10	0.290	1.09	ND	ND		1	WG2277425
1,2,4-Trichlorobenzene	120-82-1	181	0.493	3.65	ND	ND		1	WG2277425

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

## Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.245	1.33	ND	ND		1	<a href="#">WG2277425</a>
1,1,2-Trichloroethane	79-00-5	133	0.258	1.40	ND	ND		1	<a href="#">WG2277425</a>
Trichloroethylene	79-01-6	131	0.227	1.22	ND	ND		1	<a href="#">WG2277425</a>
1,2,4-Trimethylbenzene	95-63-6	120	0.255	1.25	ND	ND		1	<a href="#">WG2277425</a>
1,3,5-Trimethylbenzene	108-67-8	120	0.260	1.28	ND	ND		1	<a href="#">WG2277425</a>
2,2,4-Trimethylpentane	540-84-1	114.22	0.443	2.07	ND	ND		1	<a href="#">WG2277425</a>
Vinyl chloride	75-01-4	62.50	0.316	0.808	ND	ND		1	<a href="#">WG2277425</a>
Vinyl Bromide	593-60-2	106.95	0.284	1.24	ND	ND		1	<a href="#">WG2277425</a>
Vinyl acetate	108-05-4	86.10	0.387	1.36	ND	ND		1	<a href="#">WG2277425</a>
Xylenes, Total	1330-20-7	106.16	0.450	1.95	ND	ND		1	<a href="#">WG2277425</a>
m&p-Xylene	179601-23-1	106	0.450	1.95	ND	ND		1	<a href="#">WG2277425</a>
o-Xylene	95-47-6	106	0.276	1.20	ND	ND		1	<a href="#">WG2277425</a>
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		97.3				<a href="#">WG2277425</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



## Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.95	4.63	5.57	13.2		1	WG2277425
Allyl chloride	107-05-1	76.53	0.380	1.19	ND	ND		1	WG2277425
Benzene	71-43-2	78.10	0.238	0.760	ND	ND		1	WG2277425
Benzyl Chloride	100-44-7	127	0.199	1.03	ND	ND		1	WG2277425
Bromodichloromethane	75-27-4	164	0.234	1.57	ND	ND		1	WG2277425
Bromoform	75-25-2	253	0.244	2.52	ND	ND		1	WG2277425
Bromomethane	74-83-9	94.90	0.327	1.27	ND	ND		1	WG2277425
1,3-Butadiene	106-99-0	54.10	0.347	0.768	ND	ND		1	WG2277425
Carbon disulfide	75-15-0	76.10	0.340	1.06	ND	ND		1	WG2277425
Carbon tetrachloride	56-23-5	154	0.244	1.54	ND	ND		1	WG2277425
Chlorobenzene	108-90-7	113	0.277	1.28	ND	ND		1	WG2277425
Chloroethane	75-00-3	64.50	0.332	0.876	ND	ND		1	WG2277425
Chloroform	67-66-3	119	0.239	1.16	ND	ND		1	WG2277425
Chloromethane	74-87-3	50.50	0.343	0.708	0.700	1.45		1	WG2277425
2-Chlorotoluene	95-49-8	126	0.276	1.42	ND	ND		1	WG2277425
Cyclohexane	110-82-7	84.20	0.251	0.864	ND	ND		1	WG2277425
Dibromochloromethane	124-48-1	208	0.242	2.06	ND	ND		1	WG2277425
1,2-Dibromoethane	106-93-4	188	0.240	1.85	ND	ND		1	WG2277425
1,2-Dichlorobenzene	95-50-1	147	0.427	2.57	ND	ND		1	WG2277425
1,3-Dichlorobenzene	541-73-1	147	0.607	3.65	ND	ND		1	WG2277425
1,4-Dichlorobenzene	106-46-7	147	0.186	1.12	ND	ND		1	WG2277425
1,2-Dichloroethane	107-06-2	99	0.233	0.943	ND	ND		1	WG2277425
1,1-Dichloroethane	75-34-3	98	0.241	0.966	ND	ND		1	WG2277425
1,1-Dichloroethene	75-35-4	96.90	0.254	1.01	ND	ND		1	WG2277425
cis-1,2-Dichloroethene	156-59-2	96.90	0.261	1.03	ND	ND		1	WG2277425
trans-1,2-Dichloroethene	156-60-5	96.90	0.224	0.888	ND	ND		1	WG2277425
1,2-Dichloropropane	78-87-5	113	0.253	1.17	ND	ND		1	WG2277425
cis-1,3-Dichloropropene	10061-01-5	111	0.230	1.04	ND	ND		1	WG2277425
trans-1,3-Dichloropropene	10061-02-6	111	0.243	1.10	ND	ND		1	WG2277425
1,4-Dioxane	123-91-1	88.10	0.278	1.00	ND	ND		1	WG2277425
Ethanol	64-17-5	46.10	0.883	1.66	29.2	55.1		1	WG2277425
Ethylbenzene	100-41-4	106	0.278	1.21	ND	ND		1	WG2277425
4-Ethyltoluene	622-96-8	120	0.261	1.28	ND	ND		1	WG2277425
Trichlorofluoromethane	75-69-4	137.40	0.273	1.53	ND	ND		1	WG2277425
Dichlorodifluoromethane	75-71-8	120.92	0.457	2.26	1.99	9.84		1	WG2277425
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.264	2.02	ND	ND		1	WG2277425
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.297	2.08	ND	ND		1	WG2277425
Heptane	142-82-5	100	0.347	1.42	ND	ND		1	WG2277425
Hexachloro-1,3-butadiene	87-68-3	261	0.350	3.74	ND	ND		1	WG2277425
n-Hexane	110-54-3	86.20	0.687	2.42	ND	ND		1	WG2277425
Isopropylbenzene	98-82-8	120.20	0.259	1.27	ND	ND		1	WG2277425
Methylene Chloride	75-09-2	84.90	0.326	1.13	ND	ND		1	WG2277425
Methyl Butyl Ketone	591-78-6	100	0.443	1.81	ND	ND		1	WG2277425
2-Butanone (MEK)	78-93-3	72.10	0.271	0.799	0.323	0.952		1	WG2277425
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	0.255	1.04	ND	ND		1	WG2277425
Methyl methacrylate	80-62-6	100.12	0.292	1.20	ND	ND		1	WG2277425
MTBE	1634-04-4	88.10	0.216	0.778	ND	ND		1	WG2277425
Naphthalene	91-20-3	128	1.17	6.13	ND	ND		1	WG2277425
2-Propanol	67-63-0	60.10	0.880	2.16	ND	ND		1	WG2277425
Propene	115-07-1	42.10	0.311	0.536	ND	ND		1	WG2277425
Styrene	100-42-5	104	0.263	1.12	ND	ND		1	WG2277425
1,1,2,2-Tetrachloroethane	79-34-5	168	0.248	1.70	ND	ND		1	WG2277425
<b>Tetrachloroethylene</b>	<b>127-18-4</b>	<b>166</b>	<b>0.271</b>	<b>1.84</b>	<b>0.347</b>	<b>2.36</b>		1	WG2277425
Tetrahydrofuran	109-99-9	72.10	0.245	0.722	ND	ND		1	WG2277425
Toluene	108-88-3	92.10	0.290	1.09	ND	ND		1	WG2277425
1,2,4-Trichlorobenzene	120-82-1	181	0.493	3.65	ND	ND		1	WG2277425

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

## Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.245	1.33	ND	ND		1	<a href="#">WG2277425</a>
1,1,2-Trichloroethane	79-00-5	133	0.258	1.40	ND	ND		1	<a href="#">WG2277425</a>
Trichloroethylene	79-01-6	131	0.227	1.22	ND	ND		1	<a href="#">WG2277425</a>
1,2,4-Trimethylbenzene	95-63-6	120	0.255	1.25	ND	ND		1	<a href="#">WG2277425</a>
1,3,5-Trimethylbenzene	108-67-8	120	0.260	1.28	ND	ND		1	<a href="#">WG2277425</a>
2,2,4-Trimethylpentane	540-84-1	114.22	0.443	2.07	ND	ND		1	<a href="#">WG2277425</a>
Vinyl chloride	75-01-4	62.50	0.316	0.808	ND	ND		1	<a href="#">WG2277425</a>
Vinyl Bromide	593-60-2	106.95	0.284	1.24	ND	ND		1	<a href="#">WG2277425</a>
Vinyl acetate	108-05-4	86.10	0.387	1.36	ND	ND		1	<a href="#">WG2277425</a>
Xylenes, Total	1330-20-7	106.16	0.450	1.95	ND	ND		1	<a href="#">WG2277425</a>
m&p-Xylene	179601-23-1	106	0.450	1.95	ND	ND		1	<a href="#">WG2277425</a>
o-Xylene	95-47-6	106	0.276	1.20	ND	ND		1	<a href="#">WG2277425</a>
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		96.8				<a href="#">WG2277425</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.95	4.63	3.70	8.79		1	WG2277425
Allyl chloride	107-05-1	76.53	0.380	1.19	ND	ND		1	WG2277425
Benzene	71-43-2	78.10	0.238	0.760	0.301	0.961		1	WG2277425
Benzyl Chloride	100-44-7	127	0.199	1.03	ND	ND		1	WG2277425
Bromodichloromethane	75-27-4	164	0.234	1.57	ND	ND		1	WG2277425
Bromoform	75-25-2	253	0.244	2.52	ND	ND		1	WG2277425
Bromomethane	74-83-9	94.90	0.327	1.27	ND	ND		1	WG2277425
1,3-Butadiene	106-99-0	54.10	0.347	0.768	ND	ND		1	WG2277425
Carbon disulfide	75-15-0	76.10	0.340	1.06	ND	ND		1	WG2277425
Carbon tetrachloride	56-23-5	154	0.244	1.54	ND	ND		1	WG2277425
Chlorobenzene	108-90-7	113	0.277	1.28	ND	ND		1	WG2277425
Chloroethane	75-00-3	64.50	0.332	0.876	ND	ND		1	WG2277425
Chloroform	67-66-3	119	0.239	1.16	ND	ND		1	WG2277425
Chloromethane	74-87-3	50.50	0.343	0.708	ND	ND		1	WG2277425
2-Chlorotoluene	95-49-8	126	0.276	1.42	ND	ND		1	WG2277425
Cyclohexane	110-82-7	84.20	0.251	0.864	ND	ND		1	WG2277425
Dibromochloromethane	124-48-1	208	0.242	2.06	ND	ND		1	WG2277425
1,2-Dibromoethane	106-93-4	188	0.240	1.85	ND	ND		1	WG2277425
1,2-Dichlorobenzene	95-50-1	147	0.427	2.57	ND	ND		1	WG2277425
1,3-Dichlorobenzene	541-73-1	147	0.607	3.65	ND	ND		1	WG2277425
1,4-Dichlorobenzene	106-46-7	147	0.186	1.12	ND	ND		1	WG2277425
1,2-Dichloroethane	107-06-2	99	0.233	0.943	ND	ND		1	WG2277425
1,1-Dichloroethane	75-34-3	98	0.241	0.966	ND	ND		1	WG2277425
1,1-Dichloroethene	75-35-4	96.90	0.254	1.01	ND	ND		1	WG2277425
cis-1,2-Dichloroethene	156-59-2	96.90	0.261	1.03	ND	ND		1	WG2277425
trans-1,2-Dichloroethene	156-60-5	96.90	0.224	0.888	ND	ND		1	WG2277425
1,2-Dichloropropane	78-87-5	113	0.253	1.17	ND	ND		1	WG2277425
cis-1,3-Dichloropropene	10061-01-5	111	0.230	1.04	ND	ND		1	WG2277425
trans-1,3-Dichloropropene	10061-02-6	111	0.243	1.10	ND	ND		1	WG2277425
1,4-Dioxane	123-91-1	88.10	0.278	1.00	ND	ND		1	WG2277425
Ethanol	64-17-5	46.10	0.883	1.66	14.5	27.3		1	WG2277425
Ethylbenzene	100-41-4	106	0.278	1.21	ND	ND		1	WG2277425
4-Ethyltoluene	622-96-8	120	0.261	1.28	ND	ND		1	WG2277425
Trichlorofluoromethane	75-69-4	137.40	0.273	1.53	ND	ND		1	WG2277425
Dichlorodifluoromethane	75-71-8	120.92	0.457	2.26	3.43	17.0		1	WG2277425
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.264	2.02	ND	ND		1	WG2277425
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.297	2.08	ND	ND		1	WG2277425
Heptane	142-82-5	100	0.347	1.42	ND	ND		1	WG2277425
Hexachloro-1,3-butadiene	87-68-3	261	0.350	3.74	ND	ND		1	WG2277425
n-Hexane	110-54-3	86.20	0.687	2.42	ND	ND		1	WG2277425
Isopropylbenzene	98-82-8	120.20	0.259	1.27	ND	ND		1	WG2277425
Methylene Chloride	75-09-2	84.90	0.326	1.13	0.959	3.33		1	WG2277425
Methyl Butyl Ketone	591-78-6	100	0.443	1.81	ND	ND		1	WG2277425
2-Butanone (MEK)	78-93-3	72.10	0.271	0.799	2.02	5.96		1	WG2277425
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	0.255	1.04	ND	ND		1	WG2277425
Methyl methacrylate	80-62-6	100.12	0.292	1.20	ND	ND		1	WG2277425
MTBE	1634-04-4	88.10	0.216	0.778	ND	ND		1	WG2277425
Naphthalene	91-20-3	128	1.17	6.13	ND	ND		1	WG2277425
2-Propanol	67-63-0	60.10	0.880	2.16	2.35	5.78		1	WG2277425
Propene	115-07-1	42.10	0.311	0.536	ND	ND		1	WG2277425
Styrene	100-42-5	104	0.263	1.12	0.529	2.25		1	WG2277425
1,1,2,2-Tetrachloroethane	79-34-5	168	0.248	1.70	ND	ND		1	WG2277425
<b>Tetrachloroethylene</b>	<b>127-18-4</b>	<b>166</b>	<b>0.271</b>	<b>1.84</b>	<b>1.15</b>	<b>7.81</b>		1	WG2277425
Tetrahydrofuran	109-99-9	72.10	0.245	0.722	0.672	1.98		1	WG2277425
Toluene	108-88-3	92.10	0.290	1.09	8.39	31.6		1	WG2277425
1,2,4-Trichlorobenzene	120-82-1	181	0.493	3.65	ND	ND		1	WG2277425

1 Cp  
2 Tc  
3 Ss  
4 Cn  
5 Sr  
6 Qc  
7 Gl  
8 Al  
9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.245	1.33	ND	ND		1	<a href="#">WG2277425</a>
1,1,2-Trichloroethane	79-00-5	133	0.258	1.40	ND	ND		1	<a href="#">WG2277425</a>
Trichloroethylene	79-01-6	131	0.227	1.22	ND	ND		1	<a href="#">WG2277425</a>
1,2,4-Trimethylbenzene	95-63-6	120	0.255	1.25	0.345	1.69		1	<a href="#">WG2277425</a>
1,3,5-Trimethylbenzene	108-67-8	120	0.260	1.28	ND	ND		1	<a href="#">WG2277425</a>
2,2,4-Trimethylpentane	540-84-1	114.22	0.443	2.07	ND	ND		1	<a href="#">WG2277425</a>
Vinyl chloride	75-01-4	62.50	0.316	0.808	ND	ND		1	<a href="#">WG2277425</a>
Vinyl Bromide	593-60-2	106.95	0.284	1.24	ND	ND		1	<a href="#">WG2277425</a>
Vinyl acetate	108-05-4	86.10	0.387	1.36	ND	ND		1	<a href="#">WG2277425</a>
Xylenes, Total	1330-20-7	106.16	0.450	1.95	1.14	4.95		1	<a href="#">WG2277425</a>
m&p-Xylene	179601-23-1	106	0.450	1.95	0.769	3.33		1	<a href="#">WG2277425</a>
o-Xylene	95-47-6	106	0.276	1.20	0.367	1.59		1	<a href="#">WG2277425</a>
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		94.6				<a href="#">WG2277425</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.95	4.63	3.85	9.15		1	WG2277425
Allyl chloride	107-05-1	76.53	0.380	1.19	ND	ND		1	WG2277425
Benzene	71-43-2	78.10	0.238	0.760	ND	ND		1	WG2277425
Benzyl Chloride	100-44-7	127	0.199	1.03	ND	ND		1	WG2277425
Bromodichloromethane	75-27-4	164	0.234	1.57	ND	ND		1	WG2277425
Bromoform	75-25-2	253	0.244	2.52	ND	ND		1	WG2277425
Bromomethane	74-83-9	94.90	0.327	1.27	ND	ND		1	WG2277425
1,3-Butadiene	106-99-0	54.10	0.347	0.768	ND	ND		1	WG2277425
Carbon disulfide	75-15-0	76.10	0.340	1.06	0.422	1.31		1	WG2277425
Carbon tetrachloride	56-23-5	154	0.244	1.54	ND	ND		1	WG2277425
Chlorobenzene	108-90-7	113	0.277	1.28	ND	ND		1	WG2277425
Chloroethane	75-00-3	64.50	0.332	0.876	ND	ND		1	WG2277425
Chloroform	67-66-3	119	0.239	1.16	ND	ND		1	WG2277425
Chloromethane	74-87-3	50.50	0.343	0.708	ND	ND		1	WG2277425
2-Chlorotoluene	95-49-8	126	0.276	1.42	ND	ND		1	WG2277425
Cyclohexane	110-82-7	84.20	0.251	0.864	ND	ND		1	WG2277425
Dibromochloromethane	124-48-1	208	0.242	2.06	ND	ND		1	WG2277425
1,2-Dibromoethane	106-93-4	188	0.240	1.85	ND	ND		1	WG2277425
1,2-Dichlorobenzene	95-50-1	147	0.427	2.57	ND	ND		1	WG2277425
1,3-Dichlorobenzene	541-73-1	147	0.607	3.65	ND	ND		1	WG2277425
1,4-Dichlorobenzene	106-46-7	147	0.186	1.12	ND	ND		1	WG2277425
1,2-Dichloroethane	107-06-2	99	0.233	0.943	ND	ND		1	WG2277425
1,1-Dichloroethane	75-34-3	98	0.241	0.966	ND	ND		1	WG2277425
1,1-Dichloroethene	75-35-4	96.90	0.254	1.01	ND	ND		1	WG2277425
cis-1,2-Dichloroethene	156-59-2	96.90	0.261	1.03	ND	ND		1	WG2277425
trans-1,2-Dichloroethene	156-60-5	96.90	0.224	0.888	ND	ND		1	WG2277425
1,2-Dichloropropane	78-87-5	113	0.253	1.17	ND	ND		1	WG2277425
cis-1,3-Dichloropropene	10061-01-5	111	0.230	1.04	ND	ND		1	WG2277425
trans-1,3-Dichloropropene	10061-02-6	111	0.243	1.10	ND	ND		1	WG2277425
1,4-Dioxane	123-91-1	88.10	0.278	1.00	ND	ND		1	WG2277425
Ethanol	64-17-5	46.10	0.883	1.66	8.75	16.5		1	WG2277425
Ethylbenzene	100-41-4	106	0.278	1.21	ND	ND		1	WG2277425
4-Ethyltoluene	622-96-8	120	0.261	1.28	ND	ND		1	WG2277425
Trichlorofluoromethane	75-69-4	137.40	0.273	1.53	0.311	1.75		1	WG2277425
Dichlorodifluoromethane	75-71-8	120.92	0.457	2.26	4.22	20.9		1	WG2277425
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.264	2.02	ND	ND		1	WG2277425
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.297	2.08	ND	ND		1	WG2277425
Heptane	142-82-5	100	0.347	1.42	ND	ND		1	WG2277425
Hexachloro-1,3-butadiene	87-68-3	261	0.350	3.74	ND	ND		1	WG2277425
n-Hexane	110-54-3	86.20	0.687	2.42	ND	ND		1	WG2277425
Isopropylbenzene	98-82-8	120.20	0.259	1.27	ND	ND		1	WG2277425
Methylene Chloride	75-09-2	84.90	0.326	1.13	3.48	12.1		1	WG2277425
Methyl Butyl Ketone	591-78-6	100	0.443	1.81	ND	ND		1	WG2277425
2-Butanone (MEK)	78-93-3	72.10	0.271	0.799	1.70	5.01		1	WG2277425
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	0.255	1.04	ND	ND		1	WG2277425
Methyl methacrylate	80-62-6	100.12	0.292	1.20	ND	ND		1	WG2277425
MTBE	1634-04-4	88.10	0.216	0.778	ND	ND		1	WG2277425
Naphthalene	91-20-3	128	1.17	6.13	ND	ND		1	WG2277425
2-Propanol	67-63-0	60.10	0.880	2.16	1.31	3.22		1	WG2277425
Propene	115-07-1	42.10	0.311	0.536	ND	ND		1	WG2277425
Styrene	100-42-5	104	0.263	1.12	0.684	2.91		1	WG2277425
1,1,2,2-Tetrachloroethane	79-34-5	168	0.248	1.70	ND	ND		1	WG2277425
<b>Tetrachloroethylene</b>	<b>127-18-4</b>	<b>166</b>	<b>0.271</b>	<b>1.84</b>	<b>10.9</b>	<b>74.0</b>		1	WG2277425
Tetrahydrofuran	109-99-9	72.10	0.245	0.722	0.385	1.14		1	WG2277425
Toluene	108-88-3	92.10	0.290	1.09	6.76	25.5		1	WG2277425
1,2,4-Trichlorobenzene	120-82-1	181	0.493	3.65	ND	ND		1	WG2277425

1 Cp  
2 Tc  
3 Ss  
4 Cn  
5 Sr  
6 Qc  
7 Gl  
8 Al  
9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.245	1.33	ND	ND		1	<a href="#">WG2277425</a>
1,1,2-Trichloroethane	79-00-5	133	0.258	1.40	ND	ND		1	<a href="#">WG2277425</a>
Trichloroethylene	79-01-6	131	0.227	1.22	ND	ND		1	<a href="#">WG2277425</a>
1,2,4-Trimethylbenzene	95-63-6	120	0.255	1.25	ND	ND		1	<a href="#">WG2277425</a>
1,3,5-Trimethylbenzene	108-67-8	120	0.260	1.28	ND	ND		1	<a href="#">WG2277425</a>
2,2,4-Trimethylpentane	540-84-1	114.22	0.443	2.07	ND	ND		1	<a href="#">WG2277425</a>
Vinyl chloride	75-01-4	62.50	0.316	0.808	ND	ND		1	<a href="#">WG2277425</a>
Vinyl Bromide	593-60-2	106.95	0.284	1.24	ND	ND		1	<a href="#">WG2277425</a>
Vinyl acetate	108-05-4	86.10	0.387	1.36	ND	ND		1	<a href="#">WG2277425</a>
Xylenes, Total	1330-20-7	106.16	0.450	1.95	1.13	4.91		1	<a href="#">WG2277425</a>
m&p-Xylene	179601-23-1	106	0.450	1.95	0.752	3.26		1	<a href="#">WG2277425</a>
o-Xylene	95-47-6	106	0.276	1.20	0.377	1.63		1	<a href="#">WG2277425</a>
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		96.8				<a href="#">WG2277425</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.95	4.63	4.92	11.7		1	WG2277425
Allyl chloride	107-05-1	76.53	0.380	1.19	ND	ND		1	WG2277425
Benzene	71-43-2	78.10	0.238	0.760	ND	ND		1	WG2277425
Benzyl Chloride	100-44-7	127	0.199	1.03	ND	ND		1	WG2277425
Bromodichloromethane	75-27-4	164	0.234	1.57	ND	ND		1	WG2277425
Bromoform	75-25-2	253	0.244	2.52	ND	ND		1	WG2277425
Bromomethane	74-83-9	94.90	0.327	1.27	ND	ND		1	WG2277425
1,3-Butadiene	106-99-0	54.10	0.347	0.768	ND	ND		1	WG2277425
Carbon disulfide	75-15-0	76.10	0.340	1.06	1.70	5.29		1	WG2277425
Carbon tetrachloride	56-23-5	154	0.244	1.54	ND	ND		1	WG2277425
Chlorobenzene	108-90-7	113	0.277	1.28	ND	ND		1	WG2277425
Chloroethane	75-00-3	64.50	0.332	0.876	ND	ND		1	WG2277425
Chloroform	67-66-3	119	0.239	1.16	ND	ND		1	WG2277425
Chloromethane	74-87-3	50.50	0.343	0.708	ND	ND		1	WG2277425
2-Chlorotoluene	95-49-8	126	0.276	1.42	ND	ND		1	WG2277425
Cyclohexane	110-82-7	84.20	0.251	0.864	ND	ND		1	WG2277425
Dibromochloromethane	124-48-1	208	0.242	2.06	ND	ND		1	WG2277425
1,2-Dibromoethane	106-93-4	188	0.240	1.85	ND	ND		1	WG2277425
1,2-Dichlorobenzene	95-50-1	147	0.427	2.57	ND	ND		1	WG2277425
1,3-Dichlorobenzene	541-73-1	147	0.607	3.65	ND	ND		1	WG2277425
1,4-Dichlorobenzene	106-46-7	147	0.186	1.12	ND	ND		1	WG2277425
1,2-Dichloroethane	107-06-2	99	0.233	0.943	ND	ND		1	WG2277425
1,1-Dichloroethane	75-34-3	98	0.241	0.966	ND	ND		1	WG2277425
1,1-Dichloroethene	75-35-4	96.90	0.254	1.01	ND	ND		1	WG2277425
cis-1,2-Dichloroethene	156-59-2	96.90	0.261	1.03	ND	ND		1	WG2277425
trans-1,2-Dichloroethene	156-60-5	96.90	0.224	0.888	ND	ND		1	WG2277425
1,2-Dichloropropane	78-87-5	113	0.253	1.17	ND	ND		1	WG2277425
cis-1,3-Dichloropropene	10061-01-5	111	0.230	1.04	ND	ND		1	WG2277425
trans-1,3-Dichloropropene	10061-02-6	111	0.243	1.10	ND	ND		1	WG2277425
1,4-Dioxane	123-91-1	88.10	0.278	1.00	ND	ND		1	WG2277425
Ethanol	64-17-5	46.10	0.883	1.66	8.35	15.7		1	WG2277425
Ethylbenzene	100-41-4	106	0.278	1.21	ND	ND		1	WG2277425
4-Ethyltoluene	622-96-8	120	0.261	1.28	ND	ND		1	WG2277425
Trichlorofluoromethane	75-69-4	137.40	0.273	1.53	ND	ND		1	WG2277425
Dichlorodifluoromethane	75-71-8	120.92	0.457	2.26	2.02	9.99		1	WG2277425
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.264	2.02	ND	ND		1	WG2277425
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.297	2.08	ND	ND		1	WG2277425
Heptane	142-82-5	100	0.347	1.42	ND	ND		1	WG2277425
Hexachloro-1,3-butadiene	87-68-3	261	0.350	3.74	ND	ND		1	WG2277425
n-Hexane	110-54-3	86.20	0.687	2.42	ND	ND		1	WG2277425
Isopropylbenzene	98-82-8	120.20	0.259	1.27	ND	ND		1	WG2277425
Methylene Chloride	75-09-2	84.90	0.326	1.13	0.550	1.91		1	WG2277425
Methyl Butyl Ketone	591-78-6	100	0.443	1.81	0.477	1.95		1	WG2277425
2-Butanone (MEK)	78-93-3	72.10	0.271	0.799	2.41	7.11		1	WG2277425
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	0.255	1.04	0.526	2.15		1	WG2277425
Methyl methacrylate	80-62-6	100.12	0.292	1.20	ND	ND		1	WG2277425
MTBE	1634-04-4	88.10	0.216	0.778	ND	ND		1	WG2277425
Naphthalene	91-20-3	128	1.17	6.13	ND	ND		1	WG2277425
2-Propanol	67-63-0	60.10	0.880	2.16	1.98	4.87		1	WG2277425
Propene	115-07-1	42.10	0.311	0.536	ND	ND		1	WG2277425
Styrene	100-42-5	104	0.263	1.12	0.871	3.70		1	WG2277425
1,1,2,2-Tetrachloroethane	79-34-5	168	0.248	1.70	ND	ND		1	WG2277425
<b>Tetrachloroethylene</b>	<b>127-18-4</b>	<b>166</b>	<b>2.71</b>	<b>18.4</b>	<b>209</b>	<b>1420</b>		10	WG2278877
Tetrahydrofuran	109-99-9	72.10	0.245	0.722	0.399	1.18		1	WG2277425
Toluene	108-88-3	92.10	0.290	1.09	6.61	24.9		1	WG2277425
1,2,4-Trichlorobenzene	120-82-1	181	0.493	3.65	ND	ND		1	WG2277425

1 Cp  
2 Tc  
3 Ss  
4 Cn  
5 Sr  
6 Qc  
7 Gl  
8 Al  
9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.245	1.33	ND	ND		1	<a href="#">WG2277425</a>
1,1,2-Trichloroethane	79-00-5	133	0.258	1.40	ND	ND		1	<a href="#">WG2277425</a>
<b>Trichloroethylene</b>	<b>79-01-6</b>	<b>131</b>	<b>0.227</b>	<b>1.22</b>	<b>0.902</b>	<b>4.83</b>		1	<a href="#">WG2277425</a>
1,2,4-Trimethylbenzene	95-63-6	120	0.255	1.25	0.265	1.30		1	<a href="#">WG2277425</a>
1,3,5-Trimethylbenzene	108-67-8	120	0.260	1.28	ND	ND		1	<a href="#">WG2277425</a>
2,2,4-Trimethylpentane	540-84-1	114.22	0.443	2.07	ND	ND		1	<a href="#">WG2277425</a>
Vinyl chloride	75-01-4	62.50	0.316	0.808	ND	ND		1	<a href="#">WG2277425</a>
Vinyl Bromide	593-60-2	106.95	0.284	1.24	ND	ND		1	<a href="#">WG2277425</a>
Vinyl acetate	108-05-4	86.10	0.387	1.36	ND	ND		1	<a href="#">WG2277425</a>
Xylenes, Total	1330-20-7	106.16	0.450	1.95	1.29	5.60		1	<a href="#">WG2277425</a>
m&p-Xylene	179601-23-1	106	0.450	1.95	0.828	3.59		1	<a href="#">WG2277425</a>
o-Xylene	95-47-6	106	0.276	1.20	0.458	1.99		1	<a href="#">WG2277425</a>
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		94.2				<a href="#">WG2277425</a>
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		93.6				<a href="#">WG2278877</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



# BLOWER EXHAUST

Collected date/time: 04/24/24 11:22

# SAMPLE RESULTS - 08

L1730914

## Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.95	4.63	5.12	12.2		1	WG2277425
Allyl chloride	107-05-1	76.53	0.380	1.19	ND	ND		1	WG2277425
Benzene	71-43-2	78.10	0.238	0.760	ND	ND		1	WG2277425
Benzyl Chloride	100-44-7	127	0.199	1.03	ND	ND		1	WG2277425
Bromodichloromethane	75-27-4	164	0.234	1.57	ND	ND		1	WG2277425
Bromoform	75-25-2	253	0.244	2.52	ND	ND		1	WG2277425
Bromomethane	74-83-9	94.90	0.327	1.27	ND	ND		1	WG2277425
1,3-Butadiene	106-99-0	54.10	0.347	0.768	ND	ND		1	WG2277425
Carbon disulfide	75-15-0	76.10	0.340	1.06	ND	ND		1	WG2277425
Carbon tetrachloride	56-23-5	154	0.244	1.54	ND	ND		1	WG2277425
Chlorobenzene	108-90-7	113	0.277	1.28	ND	ND		1	WG2277425
Chloroethane	75-00-3	64.50	0.332	0.876	ND	ND		1	WG2277425
Chloroform	67-66-3	119	0.239	1.16	ND	ND		1	WG2277425
Chloromethane	74-87-3	50.50	0.343	0.708	ND	ND		1	WG2277425
2-Chlorotoluene	95-49-8	126	0.276	1.42	ND	ND		1	WG2277425
Cyclohexane	110-82-7	84.20	0.251	0.864	ND	ND		1	WG2277425
Dibromochloromethane	124-48-1	208	0.242	2.06	ND	ND		1	WG2277425
1,2-Dibromoethane	106-93-4	188	0.240	1.85	ND	ND		1	WG2277425
1,2-Dichlorobenzene	95-50-1	147	0.427	2.57	ND	ND		1	WG2277425
1,3-Dichlorobenzene	541-73-1	147	0.607	3.65	ND	ND		1	WG2277425
1,4-Dichlorobenzene	106-46-7	147	0.186	1.12	ND	ND		1	WG2277425
1,2-Dichloroethane	107-06-2	99	0.233	0.943	ND	ND		1	WG2277425
1,1-Dichloroethane	75-34-3	98	0.241	0.966	ND	ND		1	WG2277425
1,1-Dichloroethene	75-35-4	96.90	0.254	1.01	ND	ND		1	WG2277425
cis-1,2-Dichloroethene	156-59-2	96.90	0.261	1.03	ND	ND		1	WG2277425
trans-1,2-Dichloroethene	156-60-5	96.90	0.224	0.888	ND	ND		1	WG2277425
1,2-Dichloropropane	78-87-5	113	0.253	1.17	ND	ND		1	WG2277425
cis-1,3-Dichloropropene	10061-01-5	111	0.230	1.04	ND	ND		1	WG2277425
trans-1,3-Dichloropropene	10061-02-6	111	0.243	1.10	ND	ND		1	WG2277425
1,4-Dioxane	123-91-1	88.10	0.278	1.00	ND	ND		1	WG2277425
Ethanol	64-17-5	46.10	0.883	1.66	11.3	21.3		1	WG2277425
Ethylbenzene	100-41-4	106	0.278	1.21	ND	ND		1	WG2277425
4-Ethyltoluene	622-96-8	120	0.261	1.28	ND	ND		1	WG2277425
Trichlorofluoromethane	75-69-4	137.40	0.273	1.53	ND	ND		1	WG2277425
Dichlorodifluoromethane	75-71-8	120.92	0.457	2.26	3.57	17.7		1	WG2277425
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.264	2.02	ND	ND		1	WG2277425
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.297	2.08	ND	ND		1	WG2277425
Heptane	142-82-5	100	0.347	1.42	ND	ND		1	WG2277425
Hexachloro-1,3-butadiene	87-68-3	261	0.350	3.74	ND	ND		1	WG2277425
n-Hexane	110-54-3	86.20	0.687	2.42	ND	ND		1	WG2277425
Isopropylbenzene	98-82-8	120.20	0.259	1.27	ND	ND		1	WG2277425
Methylene Chloride	75-09-2	84.90	0.326	1.13	2.85	9.90		1	WG2277425
Methyl Butyl Ketone	591-78-6	100	0.443	1.81	ND	ND		1	WG2277425
2-Butanone (MEK)	78-93-3	72.10	0.271	0.799	1.27	3.75		1	WG2277425
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	0.255	1.04	ND	ND		1	WG2277425
Methyl methacrylate	80-62-6	100.12	0.292	1.20	ND	ND		1	WG2277425
MTBE	1634-04-4	88.10	0.216	0.778	ND	ND		1	WG2277425
Naphthalene	91-20-3	128	1.17	6.13	ND	ND		1	WG2277425
2-Propanol	67-63-0	60.10	0.880	2.16	3.31	8.14		1	WG2277425
Propene	115-07-1	42.10	0.311	0.536	ND	ND		1	WG2277425
Styrene	100-42-5	104	0.263	1.12	ND	ND		1	WG2277425
1,1,2,2-Tetrachloroethane	79-34-5	168	0.248	1.70	ND	ND		1	WG2277425
<b>Tetrachloroethylene</b>	<b>127-18-4</b>	<b>166</b>	<b>0.271</b>	<b>1.84</b>	<b>10.5</b>	<b>71.3</b>		1	WG2277425
Tetrahydrofuran	109-99-9	72.10	0.245	0.722	ND	ND		1	WG2277425
Toluene	108-88-3	92.10	0.290	1.09	4.60	17.3		1	WG2277425
1,2,4-Trichlorobenzene	120-82-1	181	0.493	3.65	ND	ND		1	WG2277425

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

ACCOUNT:

Sand County Environmental

PROJECT:

SDG:

L1730914

DATE/TIME:

05/06/24 11:18

PAGE:

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# BLOWER EXHAUST

Collected date/time: 04/24/24 11:22

# SAMPLE RESULTS - 08

L1730914

## Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.245	1.33	ND	ND		1	<a href="#">WG2277425</a>
1,1,2-Trichloroethane	79-00-5	133	0.258	1.40	ND	ND		1	<a href="#">WG2277425</a>
<b>Trichloroethylene</b>	<b>79-01-6</b>	<b>131</b>	<b>0.227</b>	<b>1.22</b>	<b>ND</b>	<b>ND</b>		1	<a href="#">WG2277425</a>
1,2,4-Trimethylbenzene	95-63-6	120	0.255	1.25	ND	ND		1	<a href="#">WG2277425</a>
1,3,5-Trimethylbenzene	108-67-8	120	0.260	1.28	ND	ND		1	<a href="#">WG2277425</a>
2,2,4-Trimethylpentane	540-84-1	114.22	0.443	2.07	0.501	2.34		1	<a href="#">WG2277425</a>
Vinyl chloride	75-01-4	62.50	0.316	0.808	ND	ND		1	<a href="#">WG2277425</a>
Vinyl Bromide	593-60-2	106.95	0.284	1.24	ND	ND		1	<a href="#">WG2277425</a>
Vinyl acetate	108-05-4	86.10	0.387	1.36	ND	ND		1	<a href="#">WG2277425</a>
Xylenes, Total	1330-20-7	106.16	0.450	1.95	ND	ND		1	<a href="#">WG2277425</a>
m&p-Xylene	179601-23-1	106	0.450	1.95	ND	ND		1	<a href="#">WG2277425</a>
o-Xylene	95-47-6	106	0.276	1.20	ND	ND		1	<a href="#">WG2277425</a>
<i>(S)</i> 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		92.9				<a href="#">WG2277425</a>

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Method Blank (MB)

(MB) R4064567-3 04/30/24 09:42

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ppbv		ppbv	ppbv
Acetone	U		0.584	1.95
Allyl chloride	U		0.114	0.380
Benzene	U		0.0715	0.238
Benzyl Chloride	U		0.0598	0.199
Bromodichloromethane	U		0.0702	0.234
Bromoform	U		0.0732	0.244
Bromomethane	U		0.0982	0.327
1,3-Butadiene	U		0.104	0.347
Carbon disulfide	U		0.102	0.340
Carbon tetrachloride	U		0.0732	0.244
Chlorobenzene	U		0.0832	0.277
Chloroethane	U		0.0996	0.332
Chloroform	U		0.0717	0.239
Chloromethane	U		0.103	0.343
2-Chlorotoluene	U		0.0828	0.276
Cyclohexane	U		0.0753	0.251
Dibromochloromethane	U		0.0727	0.242
1,2-Dibromoethane	U		0.0721	0.240
1,2-Dichlorobenzene	U		0.128	0.427
1,3-Dichlorobenzene	U		0.182	0.607
1,4-Dichlorobenzene	U		0.0557	0.186
1,2-Dichloroethane	U		0.0700	0.233
1,1-Dichloroethane	U		0.0723	0.241
1,1-Dichloroethene	U		0.0762	0.254
cis-1,2-Dichloroethene	U		0.0784	0.261
trans-1,2-Dichloroethene	U		0.0673	0.224
1,2-Dichloropropane	U		0.0760	0.253
cis-1,3-Dichloropropene	U		0.0689	0.230
trans-1,3-Dichloropropene	U		0.0728	0.243
1,4-Dioxane	U		0.0833	0.278
Ethanol	U		0.265	0.883
Ethylbenzene	U		0.0835	0.278
4-Ethyltoluene	U		0.0783	0.261
Trichlorofluoromethane	U		0.0819	0.273
Dichlorodifluoromethane	U		0.137	0.457
1,1,2-Trichlorotrifluoroethane	U		0.0793	0.264
1,2-Dichlorotetrafluoroethane	U		0.0890	0.297
Heptane	U		0.104	0.347
Hexachloro-1,3-butadiene	U		0.105	0.350
n-Hexane	U		0.206	0.687

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Method Blank (MB)

(MB) R4064567-3 04/30/24 09:42

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ppbv		ppbv	ppbv
Isopropylbenzene	U		0.0777	0.259
Methylene Chloride	U		0.0979	0.326
Methyl Butyl Ketone	U		0.133	0.443
2-Butanone (MEK)	U		0.0814	0.271
4-Methyl-2-pentanone (MIBK)	U		0.0765	0.255
Methyl methacrylate	U		0.0876	0.292
MTBE	U		0.0647	0.216
Naphthalene	U		0.350	1.17
2-Propanol	U		0.264	0.880
Propene	U		0.0932	0.311
Styrene	U		0.0788	0.263
1,1,2,2-Tetrachloroethane	U		0.0743	0.248
Tetrachloroethylene	U		0.0814	0.271
Tetrahydrofuran	U		0.0734	0.245
Toluene	U		0.0870	0.290
1,2,4-Trichlorobenzene	U		0.148	0.493
1,1,1-Trichloroethane	U		0.0736	0.245
1,1,2-Trichloroethane	U		0.0775	0.258
Trichloroethylene	U		0.0680	0.227
1,2,4-Trimethylbenzene	U		0.0764	0.255
1,3,5-Trimethylbenzene	U		0.0779	0.260
2,2,4-Trimethylpentane	U		0.133	0.443
Vinyl chloride	U		0.0949	0.316
Vinyl Bromide	U		0.0852	0.284
Vinyl acetate	U		0.116	0.387
Xylenes, Total	U		0.135	0.450
m&p-Xylene	U		0.135	0.450
o-Xylene	U		0.0828	0.276
(S) 1,4-Bromofluorobenzene	99.8			60.0-140

1 Cp  
2 Tc  
3 Ss  
4 Cn  
5 Sr  
6 Qc  
7 Gl  
8 Al  
9 Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4064567-1 04/30/24 08:44 • (LCSD) R4064567-2 04/30/24 09:14

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ppbv	ppbv	ppbv	%	%	%			%	%
Acetone	3.75	3.84	4.03	102	107	70.0-130			4.83	25
Allyl chloride	3.75	4.01	4.26	107	114	70.0-130			6.05	25
Benzene	3.75	3.95	4.21	105	112	70.0-130			6.37	25
Benzyl Chloride	3.75	3.86	4.01	103	107	70.0-152			3.81	25

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4064567-1 04/30/24 08:44 • (LCSD) R4064567-2 04/30/24 09:14

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Bromodichloromethane	3.75	3.93	4.11	105	110	70.0-130			4.48	25
Bromoform	3.75	3.84	4.01	102	107	70.0-130			4.33	25
Bromomethane	3.75	4.02	4.21	107	112	70.0-130			4.62	25
1,3-Butadiene	3.75	4.05	4.18	108	111	70.0-130			3.16	25
Carbon disulfide	3.75	3.98	4.17	106	111	70.0-130			4.66	25
Carbon tetrachloride	3.75	3.97	4.15	106	111	70.0-130			4.43	25
Chlorobenzene	3.75	3.88	4.11	103	110	70.0-130			5.76	25
Chloroethane	3.75	3.99	4.14	106	110	70.0-130			3.69	25
Chloroform	3.75	3.99	4.21	106	112	70.0-130			5.37	25
Chloromethane	3.75	3.97	4.15	106	111	70.0-130			4.43	25
2-Chlorotoluene	3.75	4.05	4.34	108	116	70.0-130			6.91	25
Cyclohexane	3.75	4.09	4.42	109	118	70.0-130			7.76	25
Dibromochloromethane	3.75	3.96	4.13	106	110	70.0-130			4.20	25
1,2-Dibromoethane	3.75	4.01	4.30	107	115	70.0-130			6.98	25
1,2-Dichlorobenzene	3.75	3.99	4.18	106	111	70.0-130			4.65	25
1,3-Dichlorobenzene	3.75	4.02	4.21	107	112	70.0-130			4.62	25
1,4-Dichlorobenzene	3.75	4.04	4.24	108	113	70.0-130			4.83	25
1,2-Dichloroethane	3.75	3.98	4.18	106	111	70.0-130			4.90	25
1,1-Dichloroethane	3.75	3.99	4.19	106	112	70.0-130			4.89	25
1,1-Dichloroethene	3.75	3.98	4.19	106	112	70.0-130			5.14	25
cis-1,2-Dichloroethene	3.75	4.04	4.24	108	113	70.0-130			4.83	25
trans-1,2-Dichloroethene	3.75	4.03	4.24	107	113	70.0-130			5.08	25
1,2-Dichloropropane	3.75	3.94	4.16	105	111	70.0-130			5.43	25
cis-1,3-Dichloropropene	3.75	4.03	4.25	107	113	70.0-130			5.31	25
trans-1,3-Dichloropropene	3.75	4.10	4.28	109	114	70.0-130			4.30	25
1,4-Dioxane	3.75	4.11	4.07	110	109	70.0-140			0.978	25
Ethanol	3.75	3.50	3.54	93.3	94.4	55.0-148			1.14	25
Ethylbenzene	3.75	4.15	4.40	111	117	70.0-130			5.85	25
4-Ethyltoluene	3.75	4.31	4.51	115	120	70.0-130			4.54	25
Trichlorofluoromethane	3.75	3.99	4.19	106	112	70.0-130			4.89	25
Dichlorodifluoromethane	3.75	3.98	4.21	106	112	64.0-139			5.62	25
1,1,2-Trichlorotrifluoroethane	3.75	3.93	4.18	105	111	70.0-130			6.17	25
1,2-Dichlorotetrafluoroethane	3.75	3.96	4.15	106	111	70.0-130			4.69	25
Heptane	3.75	4.20	4.45	112	119	70.0-130			5.78	25
Hexachloro-1,3-butadiene	3.75	3.61	3.80	96.3	101	70.0-151			5.13	25
n-Hexane	3.75	4.11	4.35	110	116	70.0-130			5.67	25
Isopropylbenzene	3.75	4.10	4.32	109	115	70.0-130			5.23	25
Methylene Chloride	3.75	3.92	4.21	105	112	70.0-130			7.13	25
Methyl Butyl Ketone	3.75	3.87	4.13	103	110	70.0-149			6.50	25
2-Butanone (MEK)	3.75	4.08	4.31	109	115	70.0-130			5.48	25

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4064567-1 04/30/24 08:44 • (LCSD) R4064567-2 04/30/24 09:14

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
4-Methyl-2-pentanone (MIBK)	3.75	4.31	4.52	115	121	70.0-139			4.76	25
Methyl methacrylate	3.75	4.13	4.41	110	118	70.0-130			6.56	25
MTBE	3.75	4.03	4.26	107	114	70.0-130			5.55	25
Naphthalene	3.75	3.94	4.16	105	111	70.0-159			5.43	25
2-Propanol	3.75	3.85	3.81	103	102	70.0-139			1.04	25
Propene	3.75	3.94	4.16	105	111	64.0-144			5.43	25
Styrene	3.75	4.19	4.47	112	119	70.0-130			6.47	25
1,1,2,2-Tetrachloroethane	3.75	3.95	4.16	105	111	70.0-130			5.18	25
Tetrachloroethylene	3.75	3.94	4.16	105	111	70.0-130			5.43	25
Tetrahydrofuran	3.75	4.00	4.28	107	114	70.0-137			6.76	25
Toluene	3.75	4.13	4.33	110	115	70.0-130			4.73	25
1,2,4-Trichlorobenzene	3.75	3.74	3.94	99.7	105	70.0-160			5.21	25
1,1,1-Trichloroethane	3.75	3.96	4.17	106	111	70.0-130			5.17	25
1,1,2-Trichloroethane	3.75	3.92	4.19	105	112	70.0-130			6.66	25
Trichloroethylene	3.75	3.94	4.14	105	110	70.0-130			4.95	25
1,2,4-Trimethylbenzene	3.75	4.27	4.55	114	121	70.0-130			6.35	25
1,3,5-Trimethylbenzene	3.75	4.22	4.48	113	119	70.0-130			5.98	25
2,2,4-Trimethylpentane	3.75	4.26	4.47	114	119	70.0-130			4.81	25
Vinyl chloride	3.75	4.01	4.23	107	113	70.0-130			5.34	25
Vinyl Bromide	3.75	3.92	4.16	105	111	70.0-130			5.94	25
Vinyl acetate	3.75	4.31	4.69	115	125	70.0-130			8.44	25
Xylenes, Total	11.3	12.7	13.4	112	119	70.0-130			5.36	25
m&p-Xylene	7.50	8.41	8.90	112	119	70.0-130			5.66	25
o-Xylene	3.75	4.28	4.53	114	121	70.0-130			5.68	25
(S) 1,4-Bromofluorobenzene				100	102	60.0-140				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4064989-3 05/02/24 09:40

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ppbv		ppbv	ppbv
Tetrachloroethylene	U		0.0814	0.271
(S) 1,4-Bromofluorobenzene	100			60.0-140

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4064989-1 05/02/24 08:39 • (LCSD) R4064989-2 05/02/24 09:10

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ppbv	ppbv	ppbv	%	%	%			%	%
Tetrachloroethylene	3.75	3.69	3.69	98.4	98.4	70.0-130			0.000	25
(S) 1,4-Bromofluorobenzene				100	102	60.0-140				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

# GLOSSARY OF TERMS

## Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

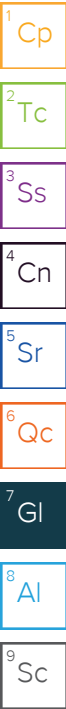
Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

### Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

### Qualifier Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.





# ACCREDITATIONS & LOCATIONS

## Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico <sup>1</sup>	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina <sup>1</sup>	DW21704
Georgia	NELAP	North Carolina <sup>3</sup>	41
Georgia <sup>1</sup>	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky <sup>1,6</sup>	KY90010	South Carolina	84004002
Kentucky <sup>2</sup>	16	South Dakota	n/a
Louisiana	AI30792	Tennessee <sup>1,4</sup>	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas <sup>5</sup>	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 <sup>5</sup>	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

<sup>1</sup> Drinking Water <sup>2</sup> Underground Storage Tanks <sup>3</sup> Aquatic Toxicity <sup>4</sup> Chemical/Microbiological <sup>5</sup> Mold <sup>6</sup> Wastewater n/a Accreditation not applicable

\* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

\* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Sr

<sup>6</sup> Qc

<sup>7</sup> Gl

<sup>8</sup> Al

<sup>9</sup> Sc

**Pace** Pace® Location Requested (City/State): **Air CHAIN-OF-CUSTODY Analytical Request Document**  
 Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY - Affix Workorder/Login Label Here

Company Name: **Sand County Environmental** Contact/Report To: **Pete Arntsen**

Street Address: **PO Box 218** Phone #: **715-824-5169**

City, State Zip: **Amherst, WI 54406** E-Mail: **pete.arntsen@sandcountynv.com; ken.ebbott@sandcountynv.com**

Customer Project #: \_\_\_\_\_ Invoice to: \_\_\_\_\_

Project Name: **Dun-Rite** Invoice E-Mail: \_\_\_\_\_

Site Collection Info/Facility ID (as applicable): **SANDCOPWI-DUNRITE** Purchase Order # (if applicable): \_\_\_\_\_

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET State origin of sample(s): \_\_\_\_\_

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other \_\_\_\_\_ Regulatory Program (CAA, RCRA, etc.) as applicable: \_\_\_\_\_

Rush (Pre-approval required): 2 Day 3 day 5 day Other \_\_\_\_\_ Permit # as applicable: \_\_\_\_\_

Date Results Requested: \_\_\_\_\_ Units for Reporting: ug/m<sup>3</sup> PPBV mg/m<sup>3</sup> PPMV

\* Matrix Codes (Insert in Matrix box below): Ambient (A), Indoor (I), Soil Vapor (SV), Other (O)

Customer Sample ID	Matrix *	Summa Canister ID	Flow Controller ID	Begin Collection		End Collection		Start Pressure / Vacuum (in Hg)	End Pressure / Vacuum (in Hg)	Duration (minutes)	Flow Rate (m <sup>3</sup> /min or L/min)	Total Volume Sampled (m <sup>3</sup> or L)	TO-15 Summa	Sample Comment
				Date	Time	Date	Time							
AA405 - Outside	A	014023	029174	4/24	8:11	4/24	3:33	-29	-1					41730914-01
AA406 - Lobby	I	014566	013481		8:09		3:34	-27	-1					02
AA407 - NW Office	I	021343	021493		8:28		3:53	-29	-2					63
AA408 - SW Office	I	015398	015271		8:25		4:00	-29	-10					64
SSV 203 - Dun-Rite Office	SV	022256	007470		10:43		10:49	-28	-1					05
SSV 101 - Dun-Rite South	SV	012666	006488		10:56		11:04	-28	-1					02
SSV 406 - NW Office	SV	022900	014916		11:45		11:51	-29	-1					5
Blower Exhaust	SV	029639	022669		11:17		11:22	-27	-1					02
<del>SSV 405 - SW Office</del>		<del>021243</del>	<del>021493</del>											

Customer Remarks / Special Conditions / Possible Hazards: **Flow controller failed: 021493**  
**Do not charge**

Collected By: **Pete Arntsen** Additional Instructions from Pace®: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Signature: \_\_\_\_\_

# Coolers: \_\_\_\_\_ Thermometer ID: \_\_\_\_\_ Correction Factor (°C): \_\_\_\_\_ Obs. Temp. (°C): \_\_\_\_\_ Corrected Temp. (°C): \_\_\_\_\_

Relinquished by/Company: (Signature) **Pete Arntsen / Sand County Env** Date/Time: **4/26 2:00** Received by/Company: (Signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_

Relinquished by/Company: (Signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_ Received by/Company: (Signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_

Relinquished by/Company: (Signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_ Received by/Company: (Signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_

Relinquished by/Company: (Signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_ Received by/Company: (Signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_

Tracking Number: \_\_\_\_\_ Delivered by: In-Person Courier FedEX UPS Other

Date/Time: **4/30/24 0900** Date/Time: \_\_\_\_\_

Page: \_\_\_\_\_ of: \_\_\_\_\_