



August 29, 2017

Mr. Aaron Kent  
Wisconsin Department of Natural Resources  
1300 W. Clairemont Avenue  
Eau Claire, WI 54701

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

**Subject: Groundwater and Vapor Results**

Dear Mr. Kent:

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 between June 14 and 20, 2017. 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 and ambient air samples were collected from the Dun-Rite building, Guzman office building and premises, and the residence at 1000 Union Street (the Residence).

Groundwater samples were collected from monitoring wells south of the Dun-Rite building including GP-11, GP-12, and MWG-1.

#### **Results**

##### Vapor

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

The ambient air sample from the Residence was below Residential Indoor Action Levels for both PCE and TCE.

The sub-slab sample from the Residence was below Residential Sub-Slab Vapor Screening Levels for both PCE and TCE.

Ambient air samples from inside Dun-Rite and the Guzman building, as well as the outdoor sample, were below Non-Residential Indoor Action Levels for both PCE and TCE.

Two sub-slab samples taken from underneath the Guzman building, SSV-405 and SSV-406, were above the Non-Residential Sub-Slab Vapor Screening Level for PCE. None of the sub-slab samples showed TCE above its Non-Residential Sub-Slab Vapor Screening Level.

## Groundwater

Groundwater sample results are summarized on **Table 2**; sample locations are shown on **Figure 3**. The **laboratory report** is enclosed.

Each of the three monitoring wells had concentrations of PCE above the Enforcement Standard (ES) of 5.0 micrograms per liter ( $\mu\text{g/l}$ ) for the substance. The highest concentration was measured in GP-11 at 614  $\mu\text{g/l}$ .

Each of the three monitoring wells had TCE concentrations actually or potentially above the Preventative Action Limit (PAL) of 0.5  $\mu\text{g/l}$  (one of the concentrations was estimated because it was below the limit of quantitation), but not exceeding the ES of 5.0  $\mu\text{g/l}$  for the substance.

## **Conclusions and Recommendations**

Both the soil vapor and groundwater PCE and TCE data show a general trend of overall decreasing concentrations. Because there are no sensitive receptors likely to be impacted, additional active remedial measures are not warranted.

To continue to document subsurface concentrations of PCE and TCE, monitoring should continue on the existing semiannual sampling schedule. Therefore, soil vapor, ambient air, and groundwater samples will be collected in September 2017. Soil vapor samples will be collected from beneath the residence and the Guzman building, and indoor ambient air samples will be collected from both structures.

If you have any questions on the work that was performed or the site in general, please contact me at 715.824.5969 or [pete.arntsen@sand-creek.com](mailto:pete.arntsen@sand-creek.com).

Sincerely,

**SAND CREEK CONSULTANTS, INC.**



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

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

Via email only

cc/enc: Mr. Ron Hanson/Dun-Rite Cleaners, via email only  
Mr. Richard Lewandowski/Whyte Hirschboeck Dudek S.C., via email only

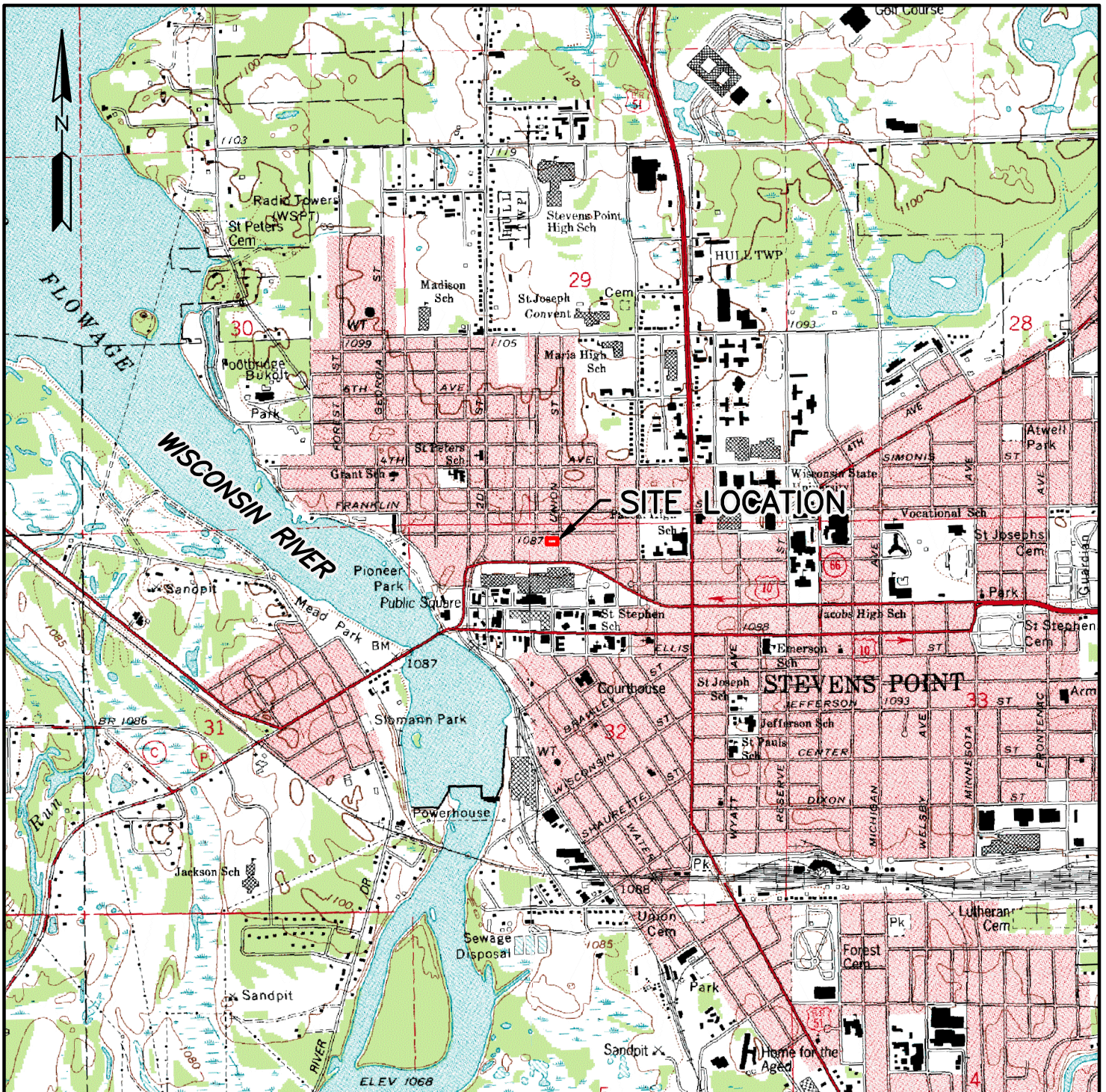
## Figures

**Figure 1 General Site Location**

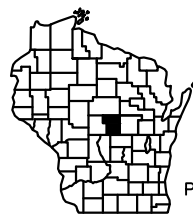
**Figure 2 Vapor Sample Locations**

**Figure 3 Groundwater Sample Locations and Results June 2017**

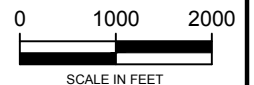
F:\SCC F\SENTRY INSURANCE DUN RITE\DRAWINGS\MASTER SCC SENTRY INSURANCE DUNRITE CLEANERS.DWG 0 - DEC 21, 2015 - 12:25:59



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



WISCONSIN  
PORTAGE COUNTY



**SAND CREEK  
CONSULTANTS, INC.**  
Amherst, WI  
Rhineland, WI  
www.sand-creek.com

GENERAL SITE LOCATION

DUN-RITE CLEANERS  
1008 UNION STREET  
STEVENS POINT, WISCONSIN

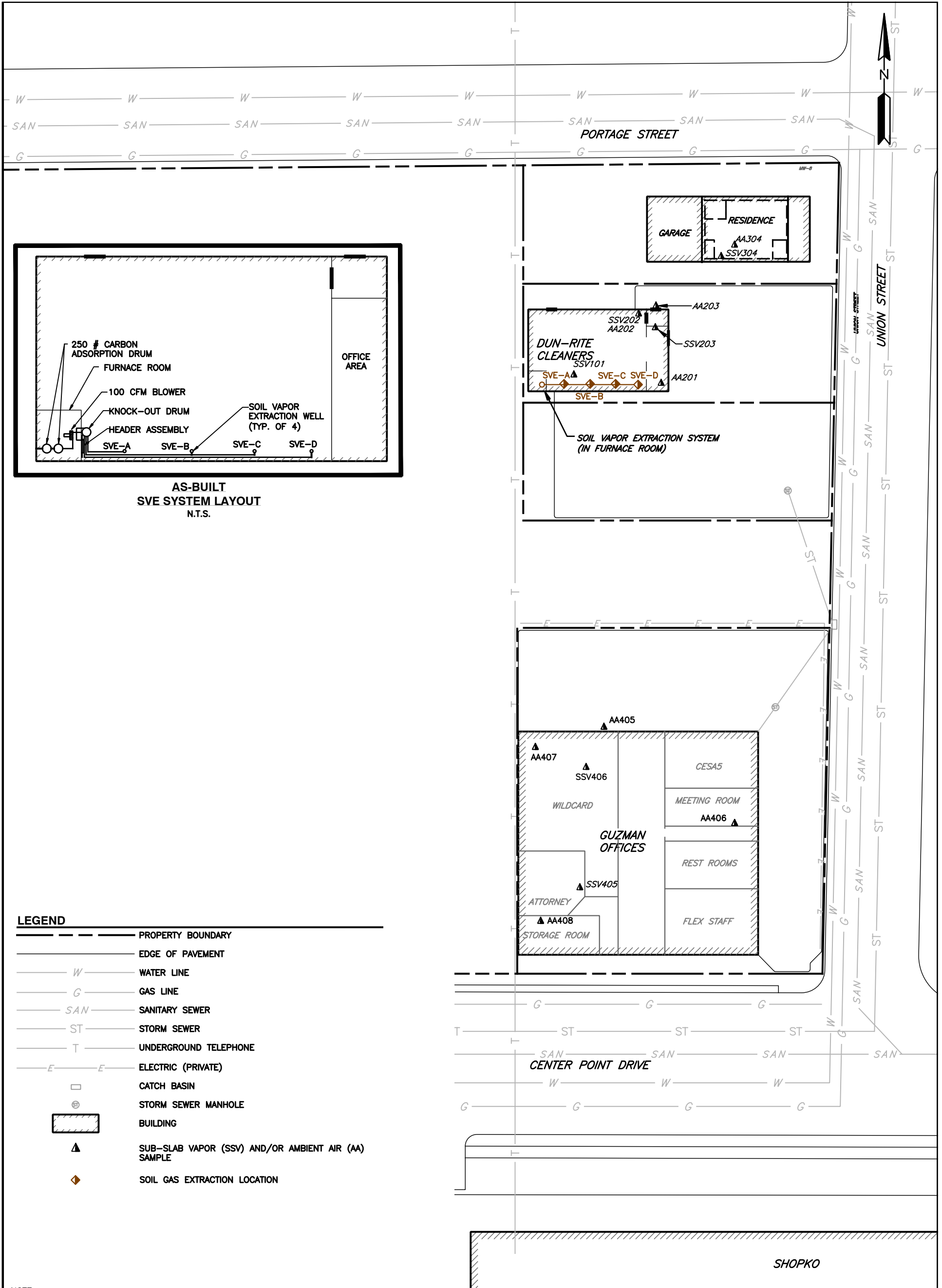
DATE: DECEMBER 2015

DRAWN BY: KAP

SCALE: 1"=2000'

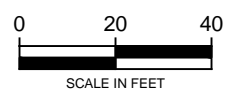
APPROVED: PDA

FIGURE 1



- 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
  - ▲ SUB-SLAB VAPOR (SSV) AND/OR AMBIENT AIR (AA) SAMPLE
  - ◆ SOIL GAS EXTRACTION LOCATION

**NOTE:**  
 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**

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

DATE: DECEMBER 2015	DRAWN BY: KAP
SCALE: 1"=40'	APPROVED BY: PDA

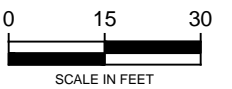
**FIGURE 2**



Environmental and Geological  
Scientists and Engineers



**PCE AND TCE  
CONCENTRATIONS  
JUNE 2017**



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

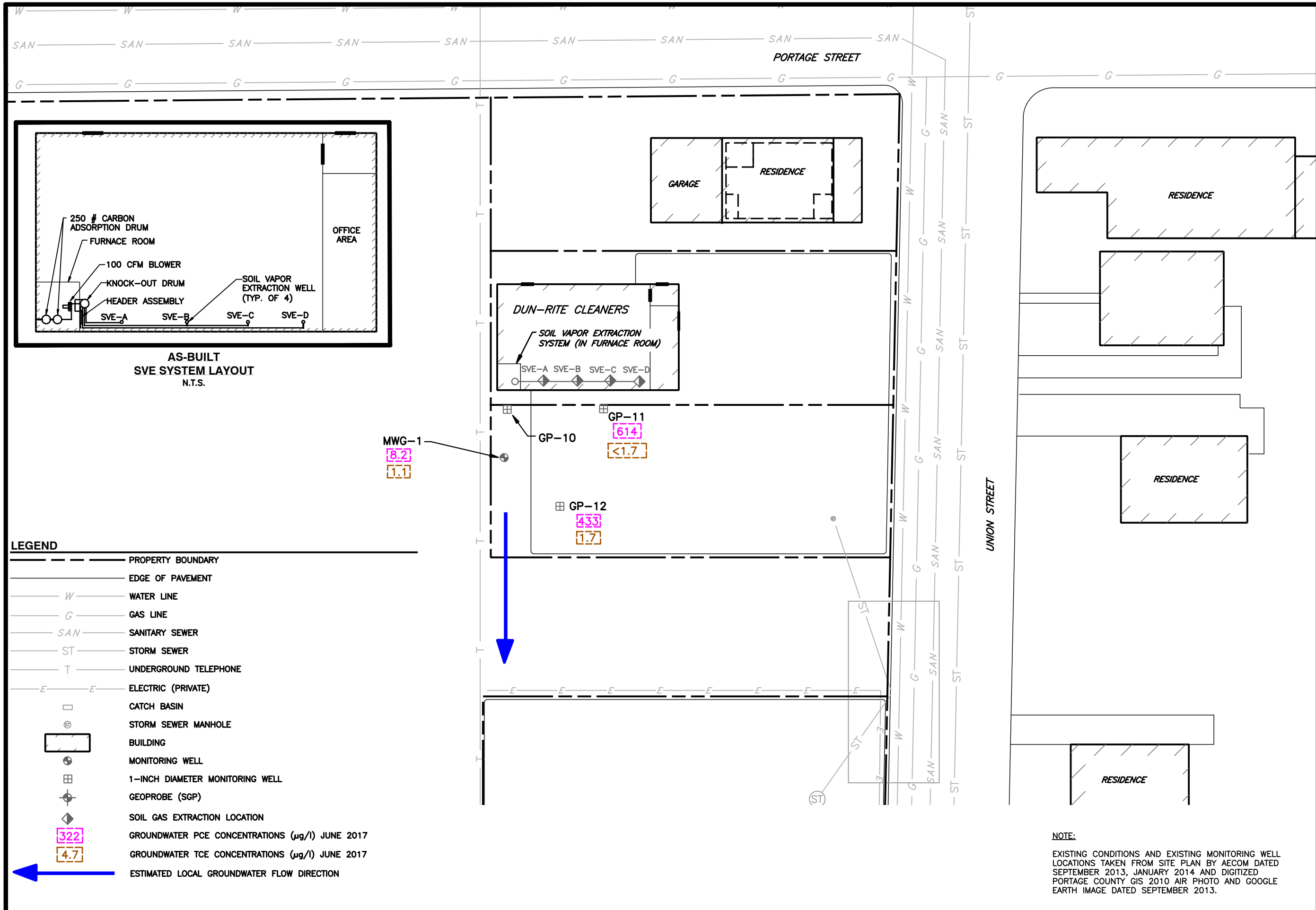
DATE: JUNE 2017

SCALE: AS NOTED

DRAWN BY: KAP

APPROVED: NRB

**FIGURE 3**



**LEGEND**

	PROPERTY BOUNDARY
	EDGE OF PAVEMENT
	WATER LINE
	GAS LINE
	SANITARY SEWER
	STORM SEWER
	UNDERGROUND TELEPHONE
	ELECTRIC (PRIVATE)
	CATCH BASIN
	STORM SEWER MANHOLE
	BUILDING
	MONITORING WELL
	1-INCH DIAMETER MONITORING WELL
	GEOPROBE (SGP)
	SOIL GAS EXTRACTION LOCATION
	GROUNDWATER PCE CONCENTRATIONS ( $\mu\text{g/l}$ ) JUNE 2017
	GROUNDWATER TCE CONCENTRATIONS ( $\mu\text{g/l}$ ) JUNE 2017
	ESTIMATED LOCAL GROUNDWATER FLOW DIRECTION

**NOTE:**  
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

- Table 1 Vapor Sample Results**
  - Table 1a Vapor Chemistry Results – Ambient Air**
  - Table 1b Vapor Chemistry Results – Sub-Slab Vapor**
  - Table 1c Vapor Chemistry Results – Blower System Discharge**
- Table 2 Groundwater Chemistry Results (Monitoring Wells)**

**Table 1a: Vapor Chemistry Results - Ambient Air  
Dun-Rite Cleaners, Stevens Point, WI**

<b>Ambient Air Samples (<math>\mu\text{g}/\text{m}^3</math>)</b>				
Sample ID	Location	Date	Tetrachloro-ethene (PCE)	Trichloro-ethene (TCE)
<b>Indoor Air Vapor Action Levels<sup>1</sup></b>				
Non-Residential			<b>180</b>	<b>8.8</b>
Residential			42	2.1
AA201	Dun-Rite	5/29/2014	<b>1,940</b>	<b>63</b>
		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
AA304	Residence	7/18/2014	2.5	<0.85
		3/2/2015	35	<0.25
		9/4/2015	22	3.0
		11/9/2015	2.4	<0.41
		4/6/2016	<0.39	0.52 J
		10/5/2016	0.64 J	<0.41
		6/20/2017	<0.40	0.44 J
AA405	Outdoor	9/19/2014	<1.2	<0.92
		2/27/2015	21	<0.38
		9/4/2015	2.3	<0.40
		10/5/2016	2.6	<0.41
		6/16/2017	<0.41	<0.41
AA406	United Way	9/19/2014	2.1	1.3
		2/27/2015	74	3.0
		9/4/2015	4.7	2.0
		2/16/2016	7.6	5.0
		10/5/2016	44	5.8
		6/16/2017	4.0	1.5
AA407	Wildcard (former)	9/19/2014	4.0	<1.2
		2/27/2015	83	1.5
		9/4/2015	10	1.1
		2/16/2016	11	4.4
		10/5/2016	12	3.0
		6/16/2017	3.0	0.45 J
AA408	Attorney (former)	9/19/2014	9.9	1.5
		2/23/2015	22	2.1
		9/4/2015	7.0	0.8
		2/16/2016	3.3	3.5
		10/5/2016	12	2.9
		6/16/2017	2.9	<0.38



**Table 1b: Vapor Chemistry Results - Sub-Slab Vapor  
Dun-Rite Cleaners, Stevens Point, WI**

Sub-Slab Vapor Samples ( $\mu\text{g}/\text{m}^3$ )				
Sample ID	Location	Date	Tetrachloro-ethene (PCE)	Trichloro-ethene (TCE)
<u>Sub-Slab Vapor Screening Levels<sup>2</sup></u>				
Non-Residential			<b>5,994</b>	<b>293</b>
Residential			<i>1,399</i>	<i>70</i>
SSV101	Dun-Rite	4/8/2014	<b>2,550,000</b>	<b>527</b>
		9/4/2015	<b>141,000</b>	<b>1780</b>
		2/16/2016	<i>5,030</i>	<i>28</i>
		10/5/2016	<i>5,480</i>	<i>33</i>
		6/16/2017	<i>1,030</i>	<i>9.0</i>
SSV202	Dun-Rite	5/29/2014	<i>1,700</i>	<i>113</i>
		9/4/2015	<b>2,280</b>	<i>145</i>
		2/16/2016	<i>275</i>	<i>7.1</i>
SSV203	Dun-Rite	5/29/2014	<b>27,600</b>	<20
		11/4/2015	<i>288</i>	<i>12</i>
		10/5/2016	<i>5,710</i>	<i>4.2</i>
		6/16/2017	<i>4,190</i>	<i>20</i>
SSV304	Residence	7/18/2014	<i>13</i>	<1.2
		3/2/2015	<i>11</i>	<0.31
		9/4/2015	<i>137</i>	<i>21</i>
		11/9/2015	<i>319</i>	<i>14</i>
		2/16/2016	<i>105</i>	<i>5.7</i>
		10/5/2016	<i>52</i>	<i>2.2</i>
		6/20/2017	<i>133</i>	<i>0.92 J</i>
SSV405	Attorney (former)	9/19/2014	<b>7,470</b>	<i>139</i>
		2/24/2015	<b>17,800</b>	<i>183</i>
		10/5/2016	<b>22,300</b>	<i>175</i>
		6/16/2017	<b>17,400</b>	<i>111</i>
SSV406	Wildcard (former)	9/19/2014	<b>11,300</b>	<28
		2/27/2015	<b>7,180</b>	<24
		9/4/2015	<b>68,200</b>	<i>16</i>
		2/16/2016	<b>9,940</b>	<i>11</i>
		10/5/2016	<b>37,400</b>	<i>15</i>
		6/16/2017	<b>15,500</b>	<i>9.1</i>

**Table 1c: Vapor Chemistry Results - Blower System Discharge  
Dun-Rite Cleaners, Stevens Point, WI**

Soil Vapor Extraction System ( $\mu\text{g}/\text{m}^3$ )				
Sample ID	Location	Date	Tetrachloro-ethene (PCE)	Trichloro-ethene (TCE)
<b>Blwr A</b>	SVE	3/13/2015	224,000	<1700
<b>Blwr B</b>	SVE	3/14/2015	134,000	<410
<b>Blwr C</b>	SVE	3/17/2015	43,800	77
<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>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

Notes:

$\mu\text{g}/\text{m}^3$ : micrograms per cubic meter.

<0.076 = Substance not detected above indicated detection limit.

**Bold** indicate concentration exceeds Vapor Action Level or Vapor Screening Level for Non-Residential Conditions.

*Italics* indicate concentration exceeds Vapor Action Level or Vapor Screening Level for Residential Conditions.

J = Analyte was detected but is below the reporting limit. The concentration is estimated.

Highlighting indicates most recent results.

<sup>1</sup> Vapor Action Levels obtained from the **Indoor Air Vapor Action Levels for Various VOCs Quick Look-up Table Based on June 2015 Regional Screening Level Summary Table.**

[<http://dnr.wi.gov/topic/Brownfields/documents/vapor/vapor-quick.pdf>].

<sup>2</sup> Screening level for Residential/Small Commercial Buildings (dilution factor of 33.3).

**Table 2: Groundwater Chemistry Results (Monitoring Wells)  
Dun-Rite Cleaners, Stevens Point, WI**

Sample Location	Sample Date	Tetrachloroethene (µg/l)	Trichloroethene (µg/l)
PAL		<i>0.5</i>	<i>0.5</i>
ES		<b>5.0</b>	<b>5.0</b>
GP-9 <sup>A</sup>	7/19/2013	<b>295</b>	<b>7.4</b>
	10/2/2013	<b>655</b>	<b>12</b>
	12/13/2013	<b>745</b>	<b>14</b>
	9/23/2014	<b>279</b>	<b>7.4</b>
	11/4/2015	<b>223</b>	<b>6.4</b>
	5/6/2016	<b>322</b>	4.7
GP-10 <sup>A</sup>	12/13/2013	<b>331</b>	1.9
	11/4/2015	<b>77</b>	2.7
	5/6/2016	<b>211</b>	<0.33
	10/5/2016	<b>344</b>	3.2 J
GP-11 <sup>A</sup>	12/13/2013	<b>2570</b>	<b>&lt;18.2</b>
	11/4/2015	<b>173</b>	<1.3
	5/6/2016	<b>62</b>	<0.33
	10/5/2016	<b>55</b>	0.54 J
	6/14/2017	<b>614</b>	<b>&lt;1.7</b>
GP-12 <sup>A</sup>	12/13/2013	<b>254</b>	<1.8
	9/23/2014	<b>487</b>	2.2 J
	11/4/2015	<b>364</b>	1.8 J
	5/6/2016	<b>147</b>	0.95 J
	10/5/2016	<b>780</b>	2.7 J
	6/14/2017	<b>433</b>	1.7 J
MWG-1	11/4/2015	<b>141</b>	<b>6.9</b>
	5/6/2016	<b>15</b>	1.1
	10/5/2016	<b>138</b>	<b>5.6</b>
	6/14/2017	<b>8.2</b>	1.1

**Notes:**

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

J = Analyte was detected but is below the reporting limit. The concentration is estimated.

ES - Enforcement Standard listed in Chapter NR 140, Wisconsin Administrative Code, January 2012.

PAL - Preventive Action Limit listed in Chapter NR 140, Table 1, Wisconsin Administrative Code, January 2012.

<sup>A</sup> = Data preceding 2014 generated during investigations conducted by AECOM.

Highlighting indicates most recent results.

## **Laboratory Reports**

July 06, 2017

Pete Arntsen  
Sand Creek Consultants  
PO Box 218  
Amherst, WI 54406

RE: Project: Dunrite  
Pace Project No.: 10393175

Dear Pete Arntsen:

Enclosed are the analytical results for sample(s) received by the laboratory on June 22, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



Carolynne Trout  
carolynne.trout@pacelabs.com  
1(612)607-6351  
Project Manager

Enclosures

cc: Nicole Besyk, Sand Creek Consultants



## REPORT OF LABORATORY ANALYSIS

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

## CERTIFICATIONS

Project: Dunrite  
Pace Project No.: 10393175

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### Minnesota Certification IDs

1700 Elm Street SE, Suite 200, Minneapolis, MN 55414

A2LA Certification #: 2926.01

Alabama Certification #: 40770

Alaska Contaminated Sites Certification #: UST-078

Alaska DW Certification #: MN00064

Arizona Certification #: AZ0014

Arkansas Certification #: 88-0680

California Certification #: MN00064

CNMI Saipan Certification #: MP0003

Colorado Certification #: MN00064

Connecticut Certification #: PH-0256

EPA Region 8 Certification #: 8TMS-L

Florida Certification #: E87605

Georgia Certification #: 959

Guam EPA Certification #: MN00064

Hawaii Certification #: MN00064

Idaho Certification #: MN00064

Illinois Certification #: 200011

Indiana Certification #: C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky DW Certification #: 90062

Kentucky WW Certification #: 90062

Louisiana DEQ Certification #: 03086

Louisiana DW Certification #: MN00064

Maine Certification #: MN00064

Maryland Certification #: 322

Michigan Certification #: 9909

Minnesota Certification #: 027-053-137

Mississippi Certification #: MN00064

Montana Certification #: CERT0092

Nebraska Certification #: NE-OS-18-06

Nevada Certification #: MN00064

New Hampshire Certification #: 2081

New Jersey Certification #: MN002

New York Certification #: 11647

North Carolina DW Certification #: 27700

North Carolina WW Certification #: 530

North Dakota Certification #: R-036

Ohio DW Certification #: 41244

Ohio VAP Certification #: CL101

Oklahoma Certification #: 9507

Oregon NwTPH Certification #: MN300001

Oregon Secondary Certification #: MN200001

Pennsylvania Certification #: 68-00563

Puerto Rico Certification #: MN00064

South Carolina Certification #: 74003001

Tennessee Certification #: TN02818

Texas Certification #: T104704192

Utah Certification #: MN00064

Virginia Certification #: 460163

Washington Certification #: C486

West Virginia DW Certification #: 9952 C

West Virginia WW Certification #: 382

Wisconsin Certification #: 999407970

Wyoming via EPA Region 8 Certification #: 8TMS-L

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## REPORT OF LABORATORY ANALYSIS

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### SAMPLE SUMMARY

Project: Dunrite  
Pace Project No.: 10393175

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10393175001	AA 304	Air	06/20/17 18:06	06/22/17 10:10
10393175002	SSV 304	Air	06/20/17 09:16	06/22/17 10:10
10393175003	AA 407	Air	06/16/17 16:06	06/22/17 10:10
10393175004	AA 406	Air	06/16/17 16:04	06/22/17 10:10
10393175005	AA 405	Air	06/16/17 16:01	06/22/17 10:10
10393175006	SSV 406	Air	06/16/17 09:30	06/22/17 10:10
10393175007	SSV 405	Air	06/16/17 10:10	06/22/17 10:10
10393175008	SSV 203	Air	06/16/17 11:09	06/22/17 10:10
10393175009	SSV 101	Air	06/16/17 11:29	06/22/17 10:10
10393175010	Blower Exhaust	Air	06/16/17 11:38	06/22/17 10:10
10393175011	AA 408	Air	06/16/17 16:08	06/22/17 10:10

### REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: Dunrite  
Pace Project No.: 10393175

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10393175001	AA 304	TO-15	CH1	61	PASI-M
10393175002	SSV 304	TO-15	CH1	61	PASI-M
10393175003	AA 407	TO-15	CH1	61	PASI-M
10393175004	AA 406	TO-15	CH1	61	PASI-M
10393175005	AA 405	TO-15	CH1	61	PASI-M
10393175006	SSV 406	TO-15	CH1	61	PASI-M
10393175007	SSV 405	TO-15	CH1	61	PASI-M
10393175008	SSV 203	TO-15	CH1	61	PASI-M
10393175009	SSV 101	TO-15	CH1	61	PASI-M
10393175010	Blower Exhaust	TO-15	CH1	61	PASI-M
10393175011	AA 408	TO-15	CH1	61	PASI-M

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Dunrite  
Pace Project No.: 10393175

Sample: AA 304 Lab ID: 10393175001 Collected: 06/20/17 18:06 Received: 06/22/17 10:10 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>		Analytical Method: TO-15							
Acetone	5.8J	ug/m3	8.7	1.2	1.44		06/29/17 17:55	67-64-1	
Benzene	1.0	ug/m3	0.47	0.18	1.44		06/29/17 17:55	71-43-2	
Benzyl chloride	<0.24	ug/m3	1.5	0.24	1.44		06/29/17 17:55	100-44-7	
Bromodichloromethane	<0.28	ug/m3	2.0	0.28	1.44		06/29/17 17:55	75-27-4	
Bromoform	<1.3	ug/m3	3.0	1.3	1.44		06/29/17 17:55	75-25-2	
Bromomethane	<0.45	ug/m3	1.1	0.45	1.44		06/29/17 17:55	74-83-9	
1,3-Butadiene	<0.25	ug/m3	0.65	0.25	1.44		06/29/17 17:55	106-99-0	
2-Butanone (MEK)	<0.33	ug/m3	4.3	0.33	1.44		06/29/17 17:55	78-93-3	
Carbon disulfide	<0.15	ug/m3	0.91	0.15	1.44		06/29/17 17:55	75-15-0	
Carbon tetrachloride	<0.28	ug/m3	0.92	0.28	1.44		06/29/17 17:55	56-23-5	
Chlorobenzene	<0.19	ug/m3	1.4	0.19	1.44		06/29/17 17:55	108-90-7	
Chloroethane	<0.28	ug/m3	0.78	0.28	1.44		06/29/17 17:55	75-00-3	
Chloroform	<0.27	ug/m3	1.4	0.27	1.44		06/29/17 17:55	67-66-3	
Chloromethane	0.64J	ug/m3	1.5	0.16	1.44		06/29/17 17:55	74-87-3	
Cyclohexane	<0.46	ug/m3	1.0	0.46	1.44		06/29/17 17:55	110-82-7	
Dibromochloromethane	<1.2	ug/m3	2.5	1.2	1.44		06/29/17 17:55	124-48-1	
1,2-Dibromoethane (EDB)	<1.1	ug/m3	2.2	1.1	1.44		06/29/17 17:55	106-93-4	
1,2-Dichlorobenzene	<0.74	ug/m3	4.4	0.74	1.44		06/29/17 17:55	95-50-1	
1,3-Dichlorobenzene	<0.76	ug/m3	4.4	0.76	1.44		06/29/17 17:55	541-73-1	
1,4-Dichlorobenzene	<0.72	ug/m3	4.4	0.72	1.44		06/29/17 17:55	106-46-7	
Dichlorodifluoromethane	1.4J	ug/m3	1.5	0.69	1.44		06/29/17 17:55	75-71-8	
1,1-Dichloroethane	<0.23	ug/m3	1.2	0.23	1.44		06/29/17 17:55	75-34-3	
1,2-Dichloroethane	<0.30	ug/m3	1.2	0.30	1.44		06/29/17 17:55	107-06-2	
1,1-Dichloroethene	<0.34	ug/m3	1.2	0.34	1.44		06/29/17 17:55	75-35-4	
cis-1,2-Dichloroethene	<0.35	ug/m3	1.2	0.35	1.44		06/29/17 17:55	156-59-2	
trans-1,2-Dichloroethene	<0.55	ug/m3	2.9	0.55	1.44		06/29/17 17:55	156-60-5	
1,2-Dichloropropane	<0.39	ug/m3	1.4	0.39	1.44		06/29/17 17:55	78-87-5	
cis-1,3-Dichloropropene	<0.53	ug/m3	1.3	0.53	1.44		06/29/17 17:55	10061-01-5	
trans-1,3-Dichloropropene	<0.37	ug/m3	3.3	0.37	1.44		06/29/17 17:55	10061-02-6	
Dichlorotetrafluoroethane	<0.45	ug/m3	2.0	0.45	1.44		06/29/17 17:55	76-14-2	
Ethanol	5.1	ug/m3	1.4	0.38	1.44		06/29/17 17:55	64-17-5	
Ethyl acetate	<0.50	ug/m3	1.1	0.50	1.44		06/29/17 17:55	141-78-6	
Ethylbenzene	0.99J	ug/m3	3.2	0.61	1.44		06/29/17 17:55	100-41-4	
4-Ethyltoluene	<0.27	ug/m3	1.4	0.27	1.44		06/29/17 17:55	622-96-8	
n-Heptane	0.70J	ug/m3	1.2	0.40	1.44		06/29/17 17:55	142-82-5	
Hexachloro-1,3-butadiene	<0.94	ug/m3	7.8	0.94	1.44		06/29/17 17:55	87-68-3	
n-Hexane	1.0J	ug/m3	2.6	0.51	1.44		06/29/17 17:55	110-54-3	
2-Hexanone	<0.59	ug/m3	6.0	0.59	1.44		06/29/17 17:55	591-78-6	
Methylene Chloride	<0.78	ug/m3	12.7	0.78	1.44		06/29/17 17:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.31	ug/m3	6.0	0.31	1.44		06/29/17 17:55	108-10-1	
Methyl-tert-butyl ether	<0.44	ug/m3	5.3	0.44	1.44		06/29/17 17:55	1634-04-4	
Naphthalene	<0.44	ug/m3	3.8	0.44	1.44		06/29/17 17:55	91-20-3	
2-Propanol	<0.35	ug/m3	3.6	0.35	1.44		06/29/17 17:55	67-63-0	
Propylene	<0.19	ug/m3	1.3	0.19	1.44		06/29/17 17:55	115-07-1	
Styrene	<0.28	ug/m3	1.3	0.28	1.44		06/29/17 17:55	100-42-5	
1,1,2,2-Tetrachloroethane	<0.47	ug/m3	2.0	0.47	1.44		06/29/17 17:55	79-34-5	

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## ANALYTICAL RESULTS

Project: Dunrite  
Pace Project No.: 10393175

**Sample: AA 304**      **Lab ID: 10393175001**      Collected: 06/20/17 18:06      Received: 06/22/17 10:10      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b> Analytical Method: TO-15									
Tetrachloroethene	<0.40	ug/m3	2.0	0.40	1.44		06/29/17 17:55	127-18-4	
Tetrahydrofuran	<0.17	ug/m3	2.2	0.17	1.44		06/29/17 17:55	109-99-9	
Toluene	4.9	ug/m3	2.8	0.22	1.44		06/29/17 17:55	108-88-3	
1,2,4-Trichlorobenzene	<1.3	ug/m3	5.4	1.3	1.44		06/29/17 17:55	120-82-1	
1,1,1-Trichloroethane	<0.36	ug/m3	1.6	0.36	1.44		06/29/17 17:55	71-55-6	
1,1,2-Trichloroethane	<0.35	ug/m3	4.0	0.35	1.44		06/29/17 17:55	79-00-5	
Trichloroethene	0.44J	ug/m3	1.6	0.40	1.44		06/29/17 17:55	79-01-6	
Trichlorofluoromethane	<0.19	ug/m3	1.6	0.19	1.44		06/29/17 17:55	75-69-4	
1,1,2-Trichlorotrifluoroethane	<0.43	ug/m3	2.3	0.43	1.44		06/29/17 17:55	76-13-1	
1,2,4-Trimethylbenzene	2.0	ug/m3	1.4	0.18	1.44		06/29/17 17:55	95-63-6	
1,3,5-Trimethylbenzene	0.90J	ug/m3	1.4	0.26	1.44		06/29/17 17:55	108-67-8	
Vinyl acetate	<0.48	ug/m3	1.0	0.48	1.44		06/29/17 17:55	108-05-4	
Vinyl chloride	<0.28	ug/m3	0.75	0.28	1.44		06/29/17 17:55	75-01-4	
m&p-Xylene	3.3	ug/m3	2.5	1.1	1.44		06/29/17 17:55	179601-23-1	
o-Xylene	1.4J	ug/m3	3.2	0.51	1.44		06/29/17 17:55	95-47-6	

**Sample: SSV 304**      **Lab ID: 10393175002**      Collected: 06/20/17 09:16      Received: 06/22/17 10:10      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b> Analytical Method: TO-15									
Acetone	20.0	ug/m3	10.6	1.5	1.75		06/29/17 20:13	67-64-1	
Benzene	1.5	ug/m3	0.57	0.21	1.75		06/29/17 20:13	71-43-2	
Benzyl chloride	<0.29	ug/m3	1.8	0.29	1.75		06/29/17 20:13	100-44-7	
Bromodichloromethane	<0.34	ug/m3	2.4	0.34	1.75		06/29/17 20:13	75-27-4	
Bromoform	<1.6	ug/m3	3.7	1.6	1.75		06/29/17 20:13	75-25-2	
Bromomethane	<0.54	ug/m3	1.4	0.54	1.75		06/29/17 20:13	74-83-9	
1,3-Butadiene	<0.31	ug/m3	0.79	0.31	1.75		06/29/17 20:13	106-99-0	
2-Butanone (MEK)	13.4	ug/m3	5.2	0.40	1.75		06/29/17 20:13	78-93-3	
Carbon disulfide	10.7	ug/m3	1.1	0.18	1.75		06/29/17 20:13	75-15-0	
Carbon tetrachloride	<0.34	ug/m3	1.1	0.34	1.75		06/29/17 20:13	56-23-5	
Chlorobenzene	<0.23	ug/m3	1.6	0.23	1.75		06/29/17 20:13	108-90-7	
Chloroethane	<0.34	ug/m3	0.94	0.34	1.75		06/29/17 20:13	75-00-3	
Chloroform	<0.33	ug/m3	1.7	0.33	1.75		06/29/17 20:13	67-66-3	
Chloromethane	<0.19	ug/m3	1.8	0.19	1.75		06/29/17 20:13	74-87-3	
Cyclohexane	<0.55	ug/m3	1.2	0.55	1.75		06/29/17 20:13	110-82-7	
Dibromochloromethane	<1.5	ug/m3	3.0	1.5	1.75		06/29/17 20:13	124-48-1	
1,2-Dibromoethane (EDB)	<1.4	ug/m3	2.7	1.4	1.75		06/29/17 20:13	106-93-4	
1,2-Dichlorobenzene	2.4J	ug/m3	5.3	0.90	1.75		06/29/17 20:13	95-50-1	
1,3-Dichlorobenzene	<0.93	ug/m3	5.3	0.93	1.75		06/29/17 20:13	541-73-1	
1,4-Dichlorobenzene	4.1J	ug/m3	5.3	0.87	1.75		06/29/17 20:13	106-46-7	
Dichlorodifluoromethane	8.5	ug/m3	1.8	0.84	1.75		06/29/17 20:13	75-71-8	
1,1-Dichloroethane	<0.27	ug/m3	1.4	0.27	1.75		06/29/17 20:13	75-34-3	
1,2-Dichloroethane	<0.36	ug/m3	1.4	0.36	1.75		06/29/17 20:13	107-06-2	

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## ANALYTICAL RESULTS

Project: Dunrite  
Pace Project No.: 10393175

Sample: SSV 304      Lab ID: 10393175002      Collected: 06/20/17 09:16      Received: 06/22/17 10:10      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>		Analytical Method: TO-15							
1,1-Dichloroethene	<0.42	ug/m3	1.4	0.42	1.75		06/29/17 20:13	75-35-4	
cis-1,2-Dichloroethene	<0.43	ug/m3	1.4	0.43	1.75		06/29/17 20:13	156-59-2	
trans-1,2-Dichloroethene	<0.67	ug/m3	3.5	0.67	1.75		06/29/17 20:13	156-60-5	
1,2-Dichloropropane	<0.47	ug/m3	1.6	0.47	1.75		06/29/17 20:13	78-87-5	
cis-1,3-Dichloropropene	<0.65	ug/m3	1.6	0.65	1.75		06/29/17 20:13	10061-01-5	
trans-1,3-Dichloropropene	<0.46	ug/m3	4.0	0.46	1.75		06/29/17 20:13	10061-02-6	
Dichlorotetrafluoroethane	<0.54	ug/m3	2.5	0.54	1.75		06/29/17 20:13	76-14-2	
Ethanol	51.3	ug/m3	1.7	0.46	1.75		06/29/17 20:13	64-17-5	
Ethyl acetate	<0.61	ug/m3	1.3	0.61	1.75		06/29/17 20:13	141-78-6	
Ethylbenzene	<0.74	ug/m3	3.9	0.74	1.75		06/29/17 20:13	100-41-4	
4-Ethyltoluene	<0.33	ug/m3	1.8	0.33	1.75		06/29/17 20:13	622-96-8	
n-Heptane	1.0J	ug/m3	1.5	0.49	1.75		06/29/17 20:13	142-82-5	
Hexachloro-1,3-butadiene	<1.1	ug/m3	9.5	1.1	1.75		06/29/17 20:13	87-68-3	
n-Hexane	<0.62	ug/m3	3.1	0.62	1.75		06/29/17 20:13	110-54-3	
2-Hexanone	<0.72	ug/m3	7.3	0.72	1.75		06/29/17 20:13	591-78-6	
Methylene Chloride	<0.95	ug/m3	15.4	0.95	1.75		06/29/17 20:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.38	ug/m3	7.3	0.38	1.75		06/29/17 20:13	108-10-1	
Methyl-tert-butyl ether	<0.53	ug/m3	6.4	0.53	1.75		06/29/17 20:13	1634-04-4	
Naphthalene	<0.53	ug/m3	4.7	0.53	1.75		06/29/17 20:13	91-20-3	
2-Propanol	<0.42	ug/m3	4.4	0.42	1.75		06/29/17 20:13	67-63-0	
Propylene	<0.24	ug/m3	1.5	0.24	1.75		06/29/17 20:13	115-07-1	
Styrene	3.8	ug/m3	1.5	0.34	1.75		06/29/17 20:13	100-42-5	
1,1,2,2-Tetrachloroethane	<0.58	ug/m3	2.4	0.58	1.75		06/29/17 20:13	79-34-5	
<b>Tetrachloroethene</b>	<b>133</b>	<b>ug/m3</b>	2.4	0.49	1.75		06/29/17 20:13	127-18-4	
Tetrahydrofuran	3.0	ug/m3	2.6	0.21	1.75		06/29/17 20:13	109-99-9	
Toluene	1.3J	ug/m3	3.4	0.27	1.75		06/29/17 20:13	108-88-3	
1,2,4-Trichlorobenzene	<1.6	ug/m3	6.6	1.6	1.75		06/29/17 20:13	120-82-1	
1,1,1-Trichloroethane	<0.43	ug/m3	1.9	0.43	1.75		06/29/17 20:13	71-55-6	
1,1,2-Trichloroethane	<0.43	ug/m3	4.9	0.43	1.75		06/29/17 20:13	79-00-5	
<b>Trichloroethene</b>	<b>0.92J</b>	<b>ug/m3</b>	1.9	0.48	1.75		06/29/17 20:13	79-01-6	
Trichlorofluoromethane	<0.23	ug/m3	2.0	0.23	1.75		06/29/17 20:13	75-69-4	
1,1,2-Trichlorotrifluoroethane	<0.53	ug/m3	2.8	0.53	1.75		06/29/17 20:13	76-13-1	
1,2,4-Trimethylbenzene	1.8	ug/m3	1.7	0.22	1.75		06/29/17 20:13	95-63-6	
1,3,5-Trimethylbenzene	0.94J	ug/m3	1.7	0.32	1.75		06/29/17 20:13	108-67-8	
Vinyl acetate	2.8	ug/m3	1.3	0.58	1.75		06/29/17 20:13	108-05-4	
Vinyl chloride	<0.34	ug/m3	0.91	0.34	1.75		06/29/17 20:13	75-01-4	
m&p-Xylene	<1.4	ug/m3	3.1	1.4	1.75		06/29/17 20:13	179601-23-1	
o-Xylene	<0.61	ug/m3	3.9	0.61	1.75		06/29/17 20:13	95-47-6	

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## ANALYTICAL RESULTS

Project: Dunrite  
Pace Project No.: 10393175

Sample: AA 407 Lab ID: 10393175003 Collected: 06/16/17 16:06 Received: 06/22/17 10:10 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>		Analytical Method: TO-15							
Acetone	73.6	ug/m3	8.7	1.2	1.44		06/29/17 18:23	67-64-1	
Benzene	0.29J	ug/m3	0.93	0.18	1.44		06/29/17 18:23	71-43-2	
Benzyl chloride	<0.24	ug/m3	3.8	0.24	1.44		06/29/17 18:23	100-44-7	
Bromodichloromethane	<0.28	ug/m3	2.0	0.28	1.44		06/29/17 18:23	75-27-4	
Bromoform	<1.3	ug/m3	3.0	1.3	1.44		06/29/17 18:23	75-25-2	
Bromomethane	<0.45	ug/m3	1.1	0.45	1.44		06/29/17 18:23	74-83-9	
1,3-Butadiene	<0.25	ug/m3	0.65	0.25	1.44		06/29/17 18:23	106-99-0	
2-Butanone (MEK)	6.9	ug/m3	4.3	0.33	1.44		06/29/17 18:23	78-93-3	
Carbon disulfide	<0.15	ug/m3	0.91	0.15	1.44		06/29/17 18:23	75-15-0	
Carbon tetrachloride	<0.28	ug/m3	0.92	0.28	1.44		06/29/17 18:23	56-23-5	
Chlorobenzene	<0.19	ug/m3	1.4	0.19	1.44		06/29/17 18:23	108-90-7	
Chloroethane	<0.28	ug/m3	0.78	0.28	1.44		06/29/17 18:23	75-00-3	
Chloroform	<0.27	ug/m3	0.71	0.27	1.44		06/29/17 18:23	67-66-3	
Chloromethane	0.73	ug/m3	0.60	0.16	1.44		06/29/17 18:23	74-87-3	
Cyclohexane	<0.46	ug/m3	1.0	0.46	1.44		06/29/17 18:23	110-82-7	
Dibromochloromethane	<1.2	ug/m3	2.5	1.2	1.44		06/29/17 18:23	124-48-1	
1,2-Dibromoethane (EDB)	<1.1	ug/m3	2.2	1.1	1.44		06/29/17 18:23	106-93-4	
1,2-Dichlorobenzene	0.89J	ug/m3	4.4	0.74	1.44		06/29/17 18:23	95-50-1	
1,3-Dichlorobenzene	<0.76	ug/m3	4.4	0.76	1.44		06/29/17 18:23	541-73-1	
1,4-Dichlorobenzene	77.1	ug/m3	4.4	0.72	1.44		06/29/17 18:23	106-46-7	
Dichlorodifluoromethane	3.0	ug/m3	1.5	0.69	1.44		06/29/17 18:23	75-71-8	
1,1-Dichloroethane	<0.23	ug/m3	1.2	0.23	1.44		06/29/17 18:23	75-34-3	
1,2-Dichloroethane	<0.30	ug/m3	1.2	0.30	1.44		06/29/17 18:23	107-06-2	
1,1-Dichloroethene	<0.34	ug/m3	1.2	0.34	1.44		06/29/17 18:23	75-35-4	
cis-1,2-Dichloroethene	<0.35	ug/m3	1.2	0.35	1.44		06/29/17 18:23	156-59-2	
trans-1,2-Dichloroethene	<0.55	ug/m3	1.2	0.55	1.44		06/29/17 18:23	156-60-5	
1,2-Dichloropropane	<0.39	ug/m3	1.4	0.39	1.44		06/29/17 18:23	78-87-5	
cis-1,3-Dichloropropene	<0.53	ug/m3	1.3	0.53	1.44		06/29/17 18:23	10061-01-5	
trans-1,3-Dichloropropene	<0.37	ug/m3	1.3	0.37	1.44		06/29/17 18:23	10061-02-6	
Dichlorotetrafluoroethane	<0.45	ug/m3	2.0	0.45	1.44		06/29/17 18:23	76-14-2	
Ethanol	81.7	ug/m3	1.4	0.38	1.44		06/29/17 18:23	64-17-5	
Ethyl acetate	2.7	ug/m3	1.1	0.50	1.44		06/29/17 18:23	141-78-6	
Ethylbenzene	<0.61	ug/m3	1.3	0.61	1.44		06/29/17 18:23	100-41-4	
4-Ethyltoluene	<0.27	ug/m3	1.4	0.27	1.44		06/29/17 18:23	622-96-8	
n-Heptane	1.8	ug/m3	1.2	0.40	1.44		06/29/17 18:23	142-82-5	
Hexachloro-1,3-butadiene	<0.94	ug/m3	3.1	0.94	1.44		06/29/17 18:23	87-68-3	
n-Hexane	<0.51	ug/m3	1.0	0.51	1.44		06/29/17 18:23	110-54-3	
2-Hexanone	<0.59	ug/m3	7.5	0.59	1.44		06/29/17 18:23	591-78-6	
Methylene Chloride	<0.78	ug/m3	12.7	0.78	1.44		06/29/17 18:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.31	ug/m3	6.0	0.31	1.44		06/29/17 18:23	108-10-1	
Methyl-tert-butyl ether	<0.44	ug/m3	5.3	0.44	1.44		06/29/17 18:23	1634-04-4	
Naphthalene	<0.44	ug/m3	3.8	0.44	1.44		06/29/17 18:23	91-20-3	
2-Propanol	99.2	ug/m3	3.6	0.35	1.44		06/29/17 18:23	67-63-0	
Propylene	<0.19	ug/m3	0.50	0.19	1.44		06/29/17 18:23	115-07-1	
Styrene	0.65J	ug/m3	1.3	0.28	1.44		06/29/17 18:23	100-42-5	
1,1,2,2-Tetrachloroethane	<0.47	ug/m3	5.0	0.47	1.44		06/29/17 18:23	79-34-5	

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### ANALYTICAL RESULTS

Project: Dunrite  
Pace Project No.: 10393175

Sample: AA 407 Lab ID: 10393175003 Collected: 06/16/17 16:06 Received: 06/22/17 10:10 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b> Analytical Method: TO-15									
Tetrachloroethene	3.0	ug/m3	1.6	0.40	1.44		06/29/17 18:23	127-18-4	
Tetrahydrofuran	<0.17	ug/m3	0.86	0.17	1.44		06/29/17 18:23	109-99-9	
Toluene	1.9	ug/m3	1.1	0.22	1.44		06/29/17 18:23	108-88-3	
1,2,4-Trichlorobenzene	<1.3	ug/m3	5.4	1.3	1.44		06/29/17 18:23	120-82-1	
1,1,1-Trichloroethane	<0.36	ug/m3	1.6	0.36	1.44		06/29/17 18:23	71-55-6	
1,1,2-Trichloroethane	<0.35	ug/m3	1.6	0.35	1.44		06/29/17 18:23	79-00-5	
Trichloroethene	0.45J	ug/m3	0.79	0.40	1.44		06/29/17 18:23	79-01-6	
Trichlorofluoromethane	<0.19	ug/m3	1.6	0.19	1.44		06/29/17 18:23	75-69-4	
1,1,2-Trichlorotrifluoroethane	<0.43	ug/m3	2.3	0.43	1.44		06/29/17 18:23	76-13-1	
1,2,4-Trimethylbenzene	0.85J	ug/m3	3.6	0.18	1.44		06/29/17 18:23	95-63-6	
1,3,5-Trimethylbenzene	<0.26	ug/m3	3.6	0.26	1.44		06/29/17 18:23	108-67-8	
Vinyl acetate	<0.48	ug/m3	1.0	0.48	1.44		06/29/17 18:23	108-05-4	
Vinyl chloride	<0.28	ug/m3	0.75	0.28	1.44		06/29/17 18:23	75-01-4	
m&p-Xylene	<1.1	ug/m3	2.5	1.1	1.44		06/29/17 18:23	179601-23-1	
o-Xylene	<0.51	ug/m3	1.3	0.51	1.44		06/29/17 18:23	95-47-6	

Sample: AA 406 Lab ID: 10393175004 Collected: 06/16/17 16:04 Received: 06/22/17 10:10 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b> Analytical Method: TO-15									
Acetone	71.4	ug/m3	8.7	1.2	1.44		06/29/17 18:50	67-64-1	
Benzene	0.34J	ug/m3	0.93	0.18	1.44		06/29/17 18:50	71-43-2	
Benzyl chloride	<0.24	ug/m3	3.8	0.24	1.44		06/29/17 18:50	100-44-7	
Bromodichloromethane	<0.28	ug/m3	2.0	0.28	1.44		06/29/17 18:50	75-27-4	
Bromoform	<1.3	ug/m3	3.0	1.3	1.44		06/29/17 18:50	75-25-2	
Bromomethane	<0.45	ug/m3	1.1	0.45	1.44		06/29/17 18:50	74-83-9	
1,3-Butadiene	<0.25	ug/m3	0.65	0.25	1.44		06/29/17 18:50	106-99-0	
2-Butanone (MEK)	5.5	ug/m3	4.3	0.33	1.44		06/29/17 18:50	78-93-3	
Carbon disulfide	<0.15	ug/m3	0.91	0.15	1.44		06/29/17 18:50	75-15-0	
Carbon tetrachloride	<0.28	ug/m3	0.92	0.28	1.44		06/29/17 18:50	56-23-5	
Chlorobenzene	<0.19	ug/m3	1.4	0.19	1.44		06/29/17 18:50	108-90-7	
Chloroethane	<0.28	ug/m3	0.78	0.28	1.44		06/29/17 18:50	75-00-3	
Chloroform	<0.27	ug/m3	0.71	0.27	1.44		06/29/17 18:50	67-66-3	
Chloromethane	1.2	ug/m3	0.60	0.16	1.44		06/29/17 18:50	74-87-3	
Cyclohexane	4.9	ug/m3	1.0	0.46	1.44		06/29/17 18:50	110-82-7	
Dibromochloromethane	<1.2	ug/m3	2.5	1.2	1.44		06/29/17 18:50	124-48-1	
1,2-Dibromoethane (EDB)	<1.1	ug/m3	2.2	1.1	1.44		06/29/17 18:50	106-93-4	
1,2-Dichlorobenzene	<0.74	ug/m3	4.4	0.74	1.44		06/29/17 18:50	95-50-1	
1,3-Dichlorobenzene	<0.76	ug/m3	4.4	0.76	1.44		06/29/17 18:50	541-73-1	
1,4-Dichlorobenzene	264	ug/m3	4.4	0.72	1.44		06/29/17 18:50	106-46-7	
Dichlorodifluoromethane	3.8	ug/m3	1.5	0.69	1.44		06/29/17 18:50	75-71-8	
1,1-Dichloroethane	<0.23	ug/m3	1.2	0.23	1.44		06/29/17 18:50	75-34-3	
1,2-Dichloroethane	<0.30	ug/m3	1.2	0.30	1.44		06/29/17 18:50	107-06-2	

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## ANALYTICAL RESULTS

Project: Dunrite  
Pace Project No.: 10393175

Sample: AA 406      Lab ID: 10393175004      Collected: 06/16/17 16:04      Received: 06/22/17 10:10      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>		Analytical Method: TO-15							
1,1-Dichloroethene	<0.34	ug/m3	1.2	0.34	1.44		06/29/17 18:50	75-35-4	
cis-1,2-Dichloroethene	<0.35	ug/m3	1.2	0.35	1.44		06/29/17 18:50	156-59-2	
trans-1,2-Dichloroethene	<0.55	ug/m3	1.2	0.55	1.44		06/29/17 18:50	156-60-5	
1,2-Dichloropropane	<0.39	ug/m3	1.4	0.39	1.44		06/29/17 18:50	78-87-5	
cis-1,3-Dichloropropene	<0.53	ug/m3	1.3	0.53	1.44		06/29/17 18:50	10061-01-5	
trans-1,3-Dichloropropene	<0.37	ug/m3	1.3	0.37	1.44		06/29/17 18:50	10061-02-6	
Dichlorotetrafluoroethane	<0.45	ug/m3	2.0	0.45	1.44		06/29/17 18:50	76-14-2	
Ethanol	210	ug/m3	1.4	0.38	1.44		06/29/17 18:50	64-17-5	
Ethyl acetate	4.7	ug/m3	1.1	0.50	1.44		06/29/17 18:50	141-78-6	
Ethylbenzene	0.97J	ug/m3	1.3	0.61	1.44		06/29/17 18:50	100-41-4	
4-Ethyltoluene	0.82J	ug/m3	1.4	0.27	1.44		06/29/17 18:50	622-96-8	
n-Heptane	2.6	ug/m3	1.2	0.40	1.44		06/29/17 18:50	142-82-5	
Hexachloro-1,3-butadiene	<0.94	ug/m3	3.1	0.94	1.44		06/29/17 18:50	87-68-3	
n-Hexane	<0.51	ug/m3	1.0	0.51	1.44		06/29/17 18:50	110-54-3	
2-Hexanone	<0.59	ug/m3	7.5	0.59	1.44		06/29/17 18:50	591-78-6	
Methylene Chloride	<0.78	ug/m3	12.7	0.78	1.44		06/29/17 18:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.31	ug/m3	6.0	0.31	1.44		06/29/17 18:50	108-10-1	
Methyl-tert-butyl ether	<0.44	ug/m3	5.3	0.44	1.44		06/29/17 18:50	1634-04-4	
Naphthalene	2.9J	ug/m3	3.8	0.44	1.44		06/29/17 18:50	91-20-3	
2-Propanol	130	ug/m3	3.6	0.35	1.44		06/29/17 18:50	67-63-0	
Propylene	<0.19	ug/m3	0.50	0.19	1.44		06/29/17 18:50	115-07-1	
Styrene	1.2J	ug/m3	1.3	0.28	1.44		06/29/17 18:50	100-42-5	
1,1,2,2-Tetrachloroethane	<0.47	ug/m3	5.0	0.47	1.44		06/29/17 18:50	79-34-5	
Tetrachloroethene	4.0	ug/m3	1.6	0.40	1.44		06/29/17 18:50	127-18-4	
Tetrahydrofuran	<0.17	ug/m3	0.86	0.17	1.44		06/29/17 18:50	109-99-9	
Toluene	2.9	ug/m3	1.1	0.22	1.44		06/29/17 18:50	108-88-3	
1,2,4-Trichlorobenzene	<1.3	ug/m3	5.4	1.3	1.44		06/29/17 18:50	120-82-1	
1,1,1-Trichloroethane	<0.36	ug/m3	1.6	0.36	1.44		06/29/17 18:50	71-55-6	
1,1,2-Trichloroethane	<0.35	ug/m3	1.6	0.35	1.44		06/29/17 18:50	79-00-5	
Trichloroethene	1.5	ug/m3	0.79	0.40	1.44		06/29/17 18:50	79-01-6	
Trichlorofluoromethane	<0.19	ug/m3	1.6	0.19	1.44		06/29/17 18:50	75-69-4	
1,1,2-Trichlorotrifluoroethane	<0.43	ug/m3	2.3	0.43	1.44		06/29/17 18:50	76-13-1	
1,2,4-Trimethylbenzene	5.5	ug/m3	3.6	0.18	1.44		06/29/17 18:50	95-63-6	
1,3,5-Trimethylbenzene	5.3	ug/m3	3.6	0.26	1.44		06/29/17 18:50	108-67-8	
Vinyl acetate	2.2	ug/m3	1.0	0.48	1.44		06/29/17 18:50	108-05-4	
Vinyl chloride	<0.28	ug/m3	0.75	0.28	1.44		06/29/17 18:50	75-01-4	
m&p-Xylene	4.1	ug/m3	2.5	1.1	1.44		06/29/17 18:50	179601-23-1	
o-Xylene	1.5	ug/m3	1.3	0.51	1.44		06/29/17 18:50	95-47-6	

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### ANALYTICAL RESULTS

Project: Dunrite  
Pace Project No.: 10393175

Sample: AA 405      Lab ID: 10393175005      Collected: 06/16/17 16:01      Received: 06/22/17 10:10      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>		Analytical Method: TO-15							
Acetone	6.4J	ug/m3	9.0	1.2	1.49		06/29/17 19:45	67-64-1	
Benzene	0.30J	ug/m3	0.97	0.18	1.49		06/29/17 19:45	71-43-2	
Benzyl chloride	<0.25	ug/m3	3.9	0.25	1.49		06/29/17 19:45	100-44-7	
Bromodichloromethane	<0.29	ug/m3	2.0	0.29	1.49		06/29/17 19:45	75-27-4	
Bromoform	<1.3	ug/m3	3.1	1.3	1.49		06/29/17 19:45	75-25-2	
Bromomethane	<0.46	ug/m3	1.2	0.46	1.49		06/29/17 19:45	74-83-9	
1,3-Butadiene	<0.26	ug/m3	0.67	0.26	1.49		06/29/17 19:45	106-99-0	
2-Butanone (MEK)	3.1J	ug/m3	4.5	0.34	1.49		06/29/17 19:45	78-93-3	
Carbon disulfide	<0.15	ug/m3	0.94	0.15	1.49		06/29/17 19:45	75-15-0	
Carbon tetrachloride	<0.29	ug/m3	0.95	0.29	1.49		06/29/17 19:45	56-23-5	
Chlorobenzene	<0.20	ug/m3	1.4	0.20	1.49		06/29/17 19:45	108-90-7	
Chloroethane	<0.29	ug/m3	0.80	0.29	1.49		06/29/17 19:45	75-00-3	
Chloroform	<0.28	ug/m3	0.74	0.28	1.49		06/29/17 19:45	67-66-3	
Chloromethane	0.68	ug/m3	0.63	0.16	1.49		06/29/17 19:45	74-87-3	
Cyclohexane	<0.47	ug/m3	1.0	0.47	1.49		06/29/17 19:45	110-82-7	
Dibromochloromethane	<1.3	ug/m3	2.6	1.3	1.49		06/29/17 19:45	124-48-1	
1,2-Dibromoethane (EDB)	<1.2	ug/m3	2.3	1.2	1.49		06/29/17 19:45	106-93-4	
1,2-Dichlorobenzene	<0.76	ug/m3	4.6	0.76	1.49		06/29/17 19:45	95-50-1	
1,3-Dichlorobenzene	<0.79	ug/m3	4.6	0.79	1.49		06/29/17 19:45	541-73-1	
1,4-Dichlorobenzene	4.9	ug/m3	4.6	0.74	1.49		06/29/17 19:45	106-46-7	
Dichlorodifluoromethane	<0.72	ug/m3	1.5	0.72	1.49		06/29/17 19:45	75-71-8	
1,1-Dichloroethane	<0.23	ug/m3	1.2	0.23	1.49		06/29/17 19:45	75-34-3	
1,2-Dichloroethane	<0.31	ug/m3	1.2	0.31	1.49		06/29/17 19:45	107-06-2	
1,1-Dichloroethene	<0.35	ug/m3	1.2	0.35	1.49		06/29/17 19:45	75-35-4	
cis-1,2-Dichloroethene	<0.37	ug/m3	1.2	0.37	1.49		06/29/17 19:45	156-59-2	
trans-1,2-Dichloroethene	<0.57	ug/m3	1.2	0.57	1.49		06/29/17 19:45	156-60-5	
1,2-Dichloropropane	<0.40	ug/m3	1.4	0.40	1.49		06/29/17 19:45	78-87-5	
cis-1,3-Dichloropropene	<0.55	ug/m3	1.4	0.55	1.49		06/29/17 19:45	10061-01-5	
trans-1,3-Dichloropropene	<0.39	ug/m3	1.4	0.39	1.49		06/29/17 19:45	10061-02-6	
Dichlorotetrafluoroethane	<0.46	ug/m3	2.1	0.46	1.49		06/29/17 19:45	76-14-2	
Ethanol	3.0	ug/m3	1.4	0.39	1.49		06/29/17 19:45	64-17-5	
Ethyl acetate	<0.52	ug/m3	1.1	0.52	1.49		06/29/17 19:45	141-78-6	
Ethylbenzene	<0.63	ug/m3	1.3	0.63	1.49		06/29/17 19:45	100-41-4	
4-Ethyltoluene	<0.28	ug/m3	1.5	0.28	1.49		06/29/17 19:45	622-96-8	
n-Heptane	<0.42	ug/m3	1.2	0.42	1.49		06/29/17 19:45	142-82-5	
Hexachloro-1,3-butadiene	<0.97	ug/m3	3.2	0.97	1.49		06/29/17 19:45	87-68-3	
n-Hexane	<0.53	ug/m3	1.1	0.53	1.49		06/29/17 19:45	110-54-3	
2-Hexanone	<0.61	ug/m3	7.8	0.61	1.49		06/29/17 19:45	591-78-6	
Methylene Chloride	<0.81	ug/m3	13.2	0.81	1.49		06/29/17 19:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.32	ug/m3	6.2	0.32	1.49		06/29/17 19:45	108-10-1	
Methyl-tert-butyl ether	<0.45	ug/m3	5.5	0.45	1.49		06/29/17 19:45	1634-04-4	
Naphthalene	<0.45	ug/m3	4.0	0.45	1.49		06/29/17 19:45	91-20-3	
2-Propanol	<0.36	ug/m3	3.7	0.36	1.49		06/29/17 19:45	67-63-0	
Propylene	0.27J	ug/m3	0.52	0.20	1.49		06/29/17 19:45	115-07-1	
Styrene	<0.29	ug/m3	1.3	0.29	1.49		06/29/17 19:45	100-42-5	
1,1,2,2-Tetrachloroethane	<0.49	ug/m3	5.2	0.49	1.49		06/29/17 19:45	79-34-5	

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## ANALYTICAL RESULTS

Project: Dunrite  
Pace Project No.: 10393175

**Sample: AA 405**      **Lab ID: 10393175005**      Collected: 06/16/17 16:01      Received: 06/22/17 10:10      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b> Analytical Method: TO-15									
Tetrachloroethene	<0.41	ug/m3	1.6	0.41	1.49		06/29/17 19:45	127-18-4	
Tetrahydrofuran	<0.18	ug/m3	0.89	0.18	1.49		06/29/17 19:45	109-99-9	
Toluene	1.0J	ug/m3	1.1	0.23	1.49		06/29/17 19:45	108-88-3	
1,2,4-Trichlorobenzene	<1.4	ug/m3	5.6	1.4	1.49		06/29/17 19:45	120-82-1	
1,1,1-Trichloroethane	<0.37	ug/m3	1.7	0.37	1.49		06/29/17 19:45	71-55-6	
1,1,2-Trichloroethane	<0.37	ug/m3	1.7	0.37	1.49		06/29/17 19:45	79-00-5	
Trichloroethene	<0.41	ug/m3	0.82	0.41	1.49		06/29/17 19:45	79-01-6	
Trichlorofluoromethane	<0.20	ug/m3	1.7	0.20	1.49		06/29/17 19:45	75-69-4	
1,1,2-Trichlorotrifluoroethane	<0.45	ug/m3	2.4	0.45	1.49		06/29/17 19:45	76-13-1	
1,2,4-Trimethylbenzene	<0.19	ug/m3	3.7	0.19	1.49		06/29/17 19:45	95-63-6	
1,3,5-Trimethylbenzene	<0.27	ug/m3	3.7	0.27	1.49		06/29/17 19:45	108-67-8	
Vinyl acetate	2.1	ug/m3	1.1	0.49	1.49		06/29/17 19:45	108-05-4	
Vinyl chloride	<0.29	ug/m3	0.77	0.29	1.49		06/29/17 19:45	75-01-4	
m&p-Xylene	<1.2	ug/m3	2.6	1.2	1.49		06/29/17 19:45	179601-23-1	
o-Xylene	<0.52	ug/m3	1.3	0.52	1.49		06/29/17 19:45	95-47-6	

**Sample: SSV 406**      **Lab ID: 10393175006**      Collected: 06/16/17 09:30      Received: 06/22/17 10:10      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b> Analytical Method: TO-15									
Acetone	19.4	ug/m3	10.6	1.5	1.75		06/29/17 21:35	67-64-1	
Benzene	5.9	ug/m3	1.1	0.21	1.75		06/29/17 21:35	71-43-2	
Benzyl chloride	<0.29	ug/m3	4.6	0.29	1.75		06/29/17 21:35	100-44-7	
Bromodichloromethane	<0.34	ug/m3	2.4	0.34	1.75		06/29/17 21:35	75-27-4	
Bromoform	<1.6	ug/m3	3.7	1.6	1.75		06/29/17 21:35	75-25-2	
Bromomethane	<0.54	ug/m3	1.4	0.54	1.75		06/29/17 21:35	74-83-9	
1,3-Butadiene	<0.31	ug/m3	0.79	0.31	1.75		06/29/17 21:35	106-99-0	
2-Butanone (MEK)	5.5	ug/m3	5.2	0.40	1.75		06/29/17 21:35	78-93-3	
Carbon disulfide	8.0	ug/m3	1.1	0.18	1.75		06/29/17 21:35	75-15-0	
Carbon tetrachloride	<0.34	ug/m3	1.1	0.34	1.75		06/29/17 21:35	56-23-5	
Chlorobenzene	<0.23	ug/m3	1.6	0.23	1.75		06/29/17 21:35	108-90-7	
Chloroethane	<0.34	ug/m3	0.94	0.34	1.75		06/29/17 21:35	75-00-3	
Chloroform	<0.33	ug/m3	0.87	0.33	1.75		06/29/17 21:35	67-66-3	
Chloromethane	<0.19	ug/m3	0.74	0.19	1.75		06/29/17 21:35	74-87-3	
Cyclohexane	<0.55	ug/m3	1.2	0.55	1.75		06/29/17 21:35	110-82-7	
Dibromochloromethane	<1.5	ug/m3	3.0	1.5	1.75		06/29/17 21:35	124-48-1	
1,2-Dibromoethane (EDB)	<1.4	ug/m3	2.7	1.4	1.75		06/29/17 21:35	106-93-4	
1,2-Dichlorobenzene	1.9J	ug/m3	5.3	0.90	1.75		06/29/17 21:35	95-50-1	
1,3-Dichlorobenzene	<0.93	ug/m3	5.3	0.93	1.75		06/29/17 21:35	541-73-1	
1,4-Dichlorobenzene	2.4J	ug/m3	5.3	0.87	1.75		06/29/17 21:35	106-46-7	
Dichlorodifluoromethane	19.1	ug/m3	1.8	0.84	1.75		06/29/17 21:35	75-71-8	
1,1-Dichloroethane	<0.27	ug/m3	1.4	0.27	1.75		06/29/17 21:35	75-34-3	
1,2-Dichloroethane	<0.36	ug/m3	1.4	0.36	1.75		06/29/17 21:35	107-06-2	

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## ANALYTICAL RESULTS

Project: Dunrite  
Pace Project No.: 10393175

Sample: **SSV 406**      Lab ID: **10393175006**      Collected: 06/16/17 09:30      Received: 06/22/17 10:10      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b> Analytical Method: TO-15									
1,1-Dichloroethene	<0.42	ug/m3	1.4	0.42	1.75		06/29/17 21:35	75-35-4	
cis-1,2-Dichloroethene	<0.43	ug/m3	1.4	0.43	1.75		06/29/17 21:35	156-59-2	
trans-1,2-Dichloroethene	<0.67	ug/m3	1.4	0.67	1.75		06/29/17 21:35	156-60-5	
1,2-Dichloropropane	<0.47	ug/m3	1.6	0.47	1.75		06/29/17 21:35	78-87-5	
cis-1,3-Dichloropropene	<0.65	ug/m3	1.6	0.65	1.75		06/29/17 21:35	10061-01-5	
trans-1,3-Dichloropropene	<0.46	ug/m3	1.6	0.46	1.75		06/29/17 21:35	10061-02-6	
Dichlorotetrafluoroethane	<0.54	ug/m3	2.5	0.54	1.75		06/29/17 21:35	76-14-2	
Ethanol	23.4	ug/m3	1.7	0.46	1.75		06/29/17 21:35	64-17-5	
Ethyl acetate	<0.61	ug/m3	1.3	0.61	1.75		06/29/17 21:35	141-78-6	
Ethylbenzene	<0.74	ug/m3	1.5	0.74	1.75		06/29/17 21:35	100-41-4	
4-Ethyltoluene	<0.33	ug/m3	1.8	0.33	1.75		06/29/17 21:35	622-96-8	
n-Heptane	<0.49	ug/m3	1.5	0.49	1.75		06/29/17 21:35	142-82-5	
Hexachloro-1,3-butadiene	<1.1	ug/m3	3.8	1.1	1.75		06/29/17 21:35	87-68-3	
n-Hexane	<0.62	ug/m3	1.3	0.62	1.75		06/29/17 21:35	110-54-3	
2-Hexanone	<0.72	ug/m3	9.1	0.72	1.75		06/29/17 21:35	591-78-6	
Methylene Chloride	<0.95	ug/m3	15.4	0.95	1.75		06/29/17 21:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.38	ug/m3	7.3	0.38	1.75		06/29/17 21:35	108-10-1	
Methyl-tert-butyl ether	<0.53	ug/m3	6.4	0.53	1.75		06/29/17 21:35	1634-04-4	
Naphthalene	<0.53	ug/m3	4.7	0.53	1.75		06/29/17 21:35	91-20-3	
2-Propanol	0.77J	ug/m3	4.4	0.42	1.75		06/29/17 21:35	67-63-0	
Propylene	<0.24	ug/m3	0.61	0.24	1.75		06/29/17 21:35	115-07-1	
Styrene	2.4	ug/m3	1.5	0.34	1.75		06/29/17 21:35	100-42-5	
1,1,2,2-Tetrachloroethane	<0.58	ug/m3	6.1	0.58	1.75		06/29/17 21:35	79-34-5	
<b>Tetrachloroethene</b>	<b>15500</b>	<b>ug/m3</b>	153	38.9	140		06/30/17 17:47	127-18-4	A3
Tetrahydrofuran	6.4	ug/m3	1.0	0.21	1.75		06/29/17 21:35	109-99-9	
Toluene	<0.27	ug/m3	1.3	0.27	1.75		06/29/17 21:35	108-88-3	
1,2,4-Trichlorobenzene	<1.6	ug/m3	6.6	1.6	1.75		06/29/17 21:35	120-82-1	
1,1,1-Trichloroethane	<0.43	ug/m3	1.9	0.43	1.75		06/29/17 21:35	71-55-6	
1,1,2-Trichloroethane	<0.43	ug/m3	1.9	0.43	1.75		06/29/17 21:35	79-00-5	
<b>Trichloroethene</b>	<b>9.1</b>	<b>ug/m3</b>	0.96	0.48	1.75		06/29/17 21:35	79-01-6	
Trichlorofluoromethane	<0.23	ug/m3	2.0	0.23	1.75		06/29/17 21:35	75-69-4	
1,1,2-Trichlorotrifluoroethane	<0.53	ug/m3	2.8	0.53	1.75		06/29/17 21:35	76-13-1	
1,2,4-Trimethylbenzene	1.4J	ug/m3	4.4	0.22	1.75		06/29/17 21:35	95-63-6	
1,3,5-Trimethylbenzene	1.0J	ug/m3	4.4	0.32	1.75		06/29/17 21:35	108-67-8	
Vinyl acetate	<0.58	ug/m3	1.3	0.58	1.75		06/29/17 21:35	108-05-4	
Vinyl chloride	<0.34	ug/m3	0.91	0.34	1.75		06/29/17 21:35	75-01-4	
m&p-Xylene	<1.4	ug/m3	3.1	1.4	1.75		06/29/17 21:35	179601-23-1	
o-Xylene	<0.61	ug/m3	1.5	0.61	1.75		06/29/17 21:35	95-47-6	

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## ANALYTICAL RESULTS

Project: Dunrite  
Pace Project No.: 10393175

Sample: **SSV 405**      Lab ID: **10393175007**      Collected: 06/16/17 10:10      Received: 06/22/17 10:10      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>		Analytical Method: TO-15							
Acetone	31.2	ug/m3	10.1	1.4	1.68		06/29/17 22:02	67-64-1	
Benzene	5.7	ug/m3	1.1	0.20	1.68		06/29/17 22:02	71-43-2	
Benzyl chloride	<0.28	ug/m3	4.4	0.28	1.68		06/29/17 22:02	100-44-7	
Bromodichloromethane	<0.33	ug/m3	2.3	0.33	1.68		06/29/17 22:02	75-27-4	
Bromoform	<1.5	ug/m3	3.5	1.5	1.68		06/29/17 22:02	75-25-2	
Bromomethane	<0.52	ug/m3	1.3	0.52	1.68		06/29/17 22:02	74-83-9	
1,3-Butadiene	<0.30	ug/m3	0.76	0.30	1.68		06/29/17 22:02	106-99-0	
2-Butanone (MEK)	9.5	ug/m3	5.0	0.38	1.68		06/29/17 22:02	78-93-3	
Carbon disulfide	3.6	ug/m3	1.1	0.17	1.68		06/29/17 22:02	75-15-0	
Carbon tetrachloride	<0.32	ug/m3	1.1	0.32	1.68		06/29/17 22:02	56-23-5	
Chlorobenzene	<0.23	ug/m3	1.6	0.23	1.68		06/29/17 22:02	108-90-7	
Chloroethane	<0.33	ug/m3	0.91	0.33	1.68		06/29/17 22:02	75-00-3	
Chloroform	<0.32	ug/m3	0.83	0.32	1.68		06/29/17 22:02	67-66-3	
Chloromethane	<0.18	ug/m3	0.71	0.18	1.68		06/29/17 22:02	74-87-3	
Cyclohexane	4.5	ug/m3	1.2	0.53	1.68		06/29/17 22:02	110-82-7	
Dibromochloromethane	<1.4	ug/m3	2.9	1.4	1.68		06/29/17 22:02	124-48-1	
1,2-Dibromoethane (EDB)	<1.3	ug/m3	2.6	1.3	1.68		06/29/17 22:02	106-93-4	
1,2-Dichlorobenzene	2.1J	ug/m3	5.1	0.86	1.68		06/29/17 22:02	95-50-1	
1,3-Dichlorobenzene	<0.89	ug/m3	5.1	0.89	1.68		06/29/17 22:02	541-73-1	
1,4-Dichlorobenzene	2.4J	ug/m3	5.1	0.84	1.68		06/29/17 22:02	106-46-7	
Dichlorodifluoromethane	9.9	ug/m3	1.7	0.81	1.68		06/29/17 22:02	75-71-8	
1,1-Dichloroethane	<0.26	ug/m3	1.4	0.26	1.68		06/29/17 22:02	75-34-3	
1,2-Dichloroethane	<0.34	ug/m3	1.4	0.34	1.68		06/29/17 22:02	107-06-2	
1,1-Dichloroethene	<0.40	ug/m3	1.4	0.40	1.68		06/29/17 22:02	75-35-4	
cis-1,2-Dichloroethene	<0.41	ug/m3	1.4	0.41	1.68		06/29/17 22:02	156-59-2	
trans-1,2-Dichloroethene	<0.65	ug/m3	1.4	0.65	1.68		06/29/17 22:02	156-60-5	
1,2-Dichloropropane	<0.45	ug/m3	1.6	0.45	1.68		06/29/17 22:02	78-87-5	
cis-1,3-Dichloropropene	<0.62	ug/m3	1.5	0.62	1.68		06/29/17 22:02	10061-01-5	
trans-1,3-Dichloropropene	<0.44	ug/m3	1.5	0.44	1.68		06/29/17 22:02	10061-02-6	
Dichlorotetrafluoroethane	<0.52	ug/m3	2.4	0.52	1.68		06/29/17 22:02	76-14-2	
Ethanol	19.2	ug/m3	1.6	0.45	1.68		06/29/17 22:02	64-17-5	
Ethyl acetate	<0.58	ug/m3	1.2	0.58	1.68		06/29/17 22:02	141-78-6	
Ethylbenzene	4.1	ug/m3	1.5	0.71	1.68		06/29/17 22:02	100-41-4	
4-Ethyltoluene	11.1	ug/m3	1.7	0.32	1.68		06/29/17 22:02	622-96-8	
n-Heptane	3.2	ug/m3	1.4	0.47	1.68		06/29/17 22:02	142-82-5	
Hexachloro-1,3-butadiene	<1.1	ug/m3	3.6	1.1	1.68		06/29/17 22:02	87-68-3	
n-Hexane	<0.60	ug/m3	1.2	0.60	1.68		06/29/17 22:02	110-54-3	
2-Hexanone	4.8J	ug/m3	8.7	0.69	1.68		06/29/17 22:02	591-78-6	
Methylene Chloride	<0.91	ug/m3	14.8	0.91	1.68		06/29/17 22:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	4.2J	ug/m3	7.0	0.36	1.68		06/29/17 22:02	108-10-1	
Methyl-tert-butyl ether	<0.51	ug/m3	6.2	0.51	1.68		06/29/17 22:02	1634-04-4	
Naphthalene	29.9	ug/m3	4.5	0.51	1.68		06/29/17 22:02	91-20-3	
2-Propanol	15.6	ug/m3	4.2	0.40	1.68		06/29/17 22:02	67-63-0	
Propylene	<0.23	ug/m3	0.59	0.23	1.68		06/29/17 22:02	115-07-1	
Styrene	2.9	ug/m3	1.5	0.32	1.68		06/29/17 22:02	100-42-5	
1,1,2,2-Tetrachloroethane	<0.55	ug/m3	5.9	0.55	1.68		06/29/17 22:02	79-34-5	

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### ANALYTICAL RESULTS

Project: Dunrite  
Pace Project No.: 10393175

**Sample: SSV 405**      **Lab ID: 10393175007**      Collected: 06/16/17 10:10      Received: 06/22/17 10:10      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b> Analytical Method: TO-15									
Tetrachloroethene	<b>17400</b>	ug/m3	147	37.4	134.4		06/30/17 18:10	127-18-4	A3
Tetrahydrofuran	3.6	ug/m3	1.0	0.20	1.68		06/29/17 22:02	109-99-9	
Toluene	5.8	ug/m3	1.3	0.26	1.68		06/29/17 22:02	108-88-3	
1,2,4-Trichlorobenzene	<1.5	ug/m3	6.3	1.5	1.68		06/29/17 22:02	120-82-1	
1,1,1-Trichloroethane	<0.41	ug/m3	1.9	0.41	1.68		06/29/17 22:02	71-55-6	
1,1,2-Trichloroethane	<0.41	ug/m3	1.9	0.41	1.68		06/29/17 22:02	79-00-5	
Trichloroethene	<b>111</b>	ug/m3	0.92	0.46	1.68		06/29/17 22:02	79-01-6	
Trichlorofluoromethane	<0.22	ug/m3	1.9	0.22	1.68		06/29/17 22:02	75-69-4	
1,1,2-Trichlorotrifluoroethane	<0.51	ug/m3	2.7	0.51	1.68		06/29/17 22:02	76-13-1	
1,2,4-Trimethylbenzene	30.5	ug/m3	4.2	0.21	1.68		06/29/17 22:02	95-63-6	
1,3,5-Trimethylbenzene	9.2	ug/m3	4.2	0.31	1.68		06/29/17 22:02	108-67-8	
Vinyl acetate	<0.55	ug/m3	1.2	0.55	1.68		06/29/17 22:02	108-05-4	
Vinyl chloride	<0.33	ug/m3	0.87	0.33	1.68		06/29/17 22:02	75-01-4	
m&p-Xylene	18.9	ug/m3	3.0	1.3	1.68		06/29/17 22:02	179601-23-1	
o-Xylene	10.6	ug/m3	1.5	0.59	1.68		06/29/17 22:02	95-47-6	

**Sample: SSV 203**      **Lab ID: 10393175008**      Collected: 06/16/17 11:09      Received: 06/22/17 10:10      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b> Analytical Method: TO-15									
Acetone	18.8	ug/m3	10.6	1.5	1.75		06/29/17 22:52	67-64-1	
Benzene	4.8	ug/m3	1.1	0.21	1.75		06/29/17 22:52	71-43-2	
Benzyl chloride	<0.29	ug/m3	4.6	0.29	1.75		06/29/17 22:52	100-44-7	
Bromodichloromethane	<0.34	ug/m3	2.4	0.34	1.75		06/29/17 22:52	75-27-4	
Bromoform	<1.6	ug/m3	3.7	1.6	1.75		06/29/17 22:52	75-25-2	
Bromomethane	<0.54	ug/m3	1.4	0.54	1.75		06/29/17 22:52	74-83-9	
1,3-Butadiene	<0.31	ug/m3	0.79	0.31	1.75		06/29/17 22:52	106-99-0	
2-Butanone (MEK)	5.1J	ug/m3	5.2	0.40	1.75		06/29/17 22:52	78-93-3	
Carbon disulfide	4.5	ug/m3	1.1	0.18	1.75		06/29/17 22:52	75-15-0	
Carbon tetrachloride	<0.34	ug/m3	1.1	0.34	1.75		06/29/17 22:52	56-23-5	
Chlorobenzene	<0.23	ug/m3	1.6	0.23	1.75		06/29/17 22:52	108-90-7	
Chloroethane	<0.34	ug/m3	0.94	0.34	1.75		06/29/17 22:52	75-00-3	
Chloroform	<0.33	ug/m3	0.87	0.33	1.75		06/29/17 22:52	67-66-3	
Chloromethane	<0.19	ug/m3	0.74	0.19	1.75		06/29/17 22:52	74-87-3	
Cyclohexane	<0.55	ug/m3	1.2	0.55	1.75		06/29/17 22:52	110-82-7	
Dibromochloromethane	<1.5	ug/m3	3.0	1.5	1.75		06/29/17 22:52	124-48-1	
1,2-Dibromoethane (EDB)	<1.4	ug/m3	2.7	1.4	1.75		06/29/17 22:52	106-93-4	
1,2-Dichlorobenzene	2.5J	ug/m3	5.3	0.90	1.75		06/29/17 22:52	95-50-1	
1,3-Dichlorobenzene	<0.93	ug/m3	5.3	0.93	1.75		06/29/17 22:52	541-73-1	
1,4-Dichlorobenzene	1.9J	ug/m3	5.3	0.87	1.75		06/29/17 22:52	106-46-7	
Dichlorodifluoromethane	74.1	ug/m3	1.8	0.84	1.75		06/29/17 22:52	75-71-8	
1,1-Dichloroethane	<0.27	ug/m3	1.4	0.27	1.75		06/29/17 22:52	75-34-3	
1,2-Dichloroethane	<0.36	ug/m3	1.4	0.36	1.75		06/29/17 22:52	107-06-2	

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## ANALYTICAL RESULTS

Project: Dunrite  
Pace Project No.: 10393175

Sample: **SSV 203**      Lab ID: **10393175008**      Collected: 06/16/17 11:09      Received: 06/22/17 10:10      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b> Analytical Method: TO-15									
1,1-Dichloroethene	<0.42	ug/m3	1.4	0.42	1.75		06/29/17 22:52	75-35-4	
cis-1,2-Dichloroethene	<0.43	ug/m3	1.4	0.43	1.75		06/29/17 22:52	156-59-2	
trans-1,2-Dichloroethene	<0.67	ug/m3	1.4	0.67	1.75		06/29/17 22:52	156-60-5	
1,2-Dichloropropane	<0.47	ug/m3	1.6	0.47	1.75		06/29/17 22:52	78-87-5	
cis-1,3-Dichloropropene	<0.65	ug/m3	1.6	0.65	1.75		06/29/17 22:52	10061-01-5	
trans-1,3-Dichloropropene	<0.46	ug/m3	1.6	0.46	1.75		06/29/17 22:52	10061-02-6	
Dichlorotetrafluoroethane	<0.54	ug/m3	2.5	0.54	1.75		06/29/17 22:52	76-14-2	
Ethanol	19.3	ug/m3	1.7	0.46	1.75		06/29/17 22:52	64-17-5	
Ethyl acetate	<0.61	ug/m3	1.3	0.61	1.75		06/29/17 22:52	141-78-6	
Ethylbenzene	<0.74	ug/m3	1.5	0.74	1.75		06/29/17 22:52	100-41-4	
4-Ethyltoluene	<0.33	ug/m3	1.8	0.33	1.75		06/29/17 22:52	622-96-8	
n-Heptane	<0.49	ug/m3	1.5	0.49	1.75		06/29/17 22:52	142-82-5	
Hexachloro-1,3-butadiene	<1.1	ug/m3	3.8	1.1	1.75		06/29/17 22:52	87-68-3	
n-Hexane	<0.62	ug/m3	1.3	0.62	1.75		06/29/17 22:52	110-54-3	
2-Hexanone	<0.72	ug/m3	9.1	0.72	1.75		06/29/17 22:52	591-78-6	
Methylene Chloride	<0.95	ug/m3	15.4	0.95	1.75		06/29/17 22:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.38	ug/m3	7.3	0.38	1.75		06/29/17 22:52	108-10-1	
Methyl-tert-butyl ether	<0.53	ug/m3	6.4	0.53	1.75		06/29/17 22:52	1634-04-4	
Naphthalene	<0.53	ug/m3	4.7	0.53	1.75		06/29/17 22:52	91-20-3	
2-Propanol	<0.42	ug/m3	4.4	0.42	1.75		06/29/17 22:52	67-63-0	
Propylene	<0.24	ug/m3	0.61	0.24	1.75		06/29/17 22:52	115-07-1	
Styrene	3.2	ug/m3	1.5	0.34	1.75		06/29/17 22:52	100-42-5	
1,1,2,2-Tetrachloroethane	<0.58	ug/m3	6.1	0.58	1.75		06/29/17 22:52	79-34-5	
<b>Tetrachloroethene</b>	<b>4190</b>	<b>ug/m3</b>	95.6	24.3	87.5		06/30/17 17:25	127-18-4	
Tetrahydrofuran	3.4	ug/m3	1.0	0.21	1.75		06/29/17 22:52	109-99-9	
Toluene	1.1J	ug/m3	1.3	0.27	1.75		06/29/17 22:52	108-88-3	
1,2,4-Trichlorobenzene	<1.6	ug/m3	6.6	1.6	1.75		06/29/17 22:52	120-82-1	
1,1,1-Trichloroethane	<0.43	ug/m3	1.9	0.43	1.75		06/29/17 22:52	71-55-6	
1,1,2-Trichloroethane	<0.43	ug/m3	1.9	0.43	1.75		06/29/17 22:52	79-00-5	
<b>Trichloroethene</b>	<b>20.0</b>	<b>ug/m3</b>	0.96	0.48	1.75		06/29/17 22:52	79-01-6	
Trichlorofluoromethane	<0.23	ug/m3	2.0	0.23	1.75		06/29/17 22:52	75-69-4	
1,1,2-Trichlorotrifluoroethane	<0.53	ug/m3	2.8	0.53	1.75		06/29/17 22:52	76-13-1	
1,2,4-Trimethylbenzene	2.9J	ug/m3	4.4	0.22	1.75		06/29/17 22:52	95-63-6	
1,3,5-Trimethylbenzene	1.5J	ug/m3	4.4	0.32	1.75		06/29/17 22:52	108-67-8	
Vinyl acetate	1.7	ug/m3	1.3	0.58	1.75		06/29/17 22:52	108-05-4	
Vinyl chloride	<0.34	ug/m3	0.91	0.34	1.75		06/29/17 22:52	75-01-4	
m&p-Xylene	<1.4	ug/m3	3.1	1.4	1.75		06/29/17 22:52	179601-23-1	
o-Xylene	<0.61	ug/m3	1.5	0.61	1.75		06/29/17 22:52	95-47-6	

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### ANALYTICAL RESULTS

Project: Dunrite  
Pace Project No.: 10393175

Sample: SSV 101 Lab ID: 10393175009 Collected: 06/16/17 11:29 Received: 06/22/17 10:10 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>									
Analytical Method: TO-15									
Acetone	30.7	ug/m3	9.7	1.3	1.61		06/29/17 21:07	67-64-1	
Benzene	12.3	ug/m3	1.0	0.20	1.61		06/29/17 21:07	71-43-2	
Benzyl chloride	<0.27	ug/m3	4.2	0.27	1.61		06/29/17 21:07	100-44-7	
Bromodichloromethane	<0.31	ug/m3	2.2	0.31	1.61		06/29/17 21:07	75-27-4	
Bromoform	<1.5	ug/m3	3.4	1.5	1.61		06/29/17 21:07	75-25-2	
Bromomethane	<0.50	ug/m3	1.3	0.50	1.61		06/29/17 21:07	74-83-9	
1,3-Butadiene	<0.28	ug/m3	0.72	0.28	1.61		06/29/17 21:07	106-99-0	
2-Butanone (MEK)	12.2	ug/m3	4.8	0.37	1.61		06/29/17 21:07	78-93-3	
Carbon disulfide	5.4	ug/m3	1.0	0.16	1.61		06/29/17 21:07	75-15-0	
Carbon tetrachloride	<0.31	ug/m3	1.0	0.31	1.61		06/29/17 21:07	56-23-5	
Chlorobenzene	<0.22	ug/m3	1.5	0.22	1.61		06/29/17 21:07	108-90-7	
Chloroethane	<0.31	ug/m3	0.87	0.31	1.61		06/29/17 21:07	75-00-3	
Chloroform	2.5	ug/m3	0.80	0.31	1.61		06/29/17 21:07	67-66-3	
Chloromethane	0.68	ug/m3	0.68	0.17	1.61		06/29/17 21:07	74-87-3	
Cyclohexane	<0.51	ug/m3	1.1	0.51	1.61		06/29/17 21:07	110-82-7	
Dibromochloromethane	<1.4	ug/m3	2.8	1.4	1.61		06/29/17 21:07	124-48-1	
1,2-Dibromoethane (EDB)	<1.2	ug/m3	2.5	1.2	1.61		06/29/17 21:07	106-93-4	
1,2-Dichlorobenzene	2.4J	ug/m3	4.9	0.82	1.61		06/29/17 21:07	95-50-1	
1,3-Dichlorobenzene	<0.85	ug/m3	4.9	0.85	1.61		06/29/17 21:07	541-73-1	
1,4-Dichlorobenzene	3.2J	ug/m3	4.9	0.80	1.61		06/29/17 21:07	106-46-7	
Dichlorodifluoromethane	113	ug/m3	1.6	0.77	1.61		06/29/17 21:07	75-71-8	
1,1-Dichloroethane	<0.25	ug/m3	1.3	0.25	1.61		06/29/17 21:07	75-34-3	
1,2-Dichloroethane	<0.33	ug/m3	1.3	0.33	1.61		06/29/17 21:07	107-06-2	
1,1-Dichloroethene	<0.38	ug/m3	1.3	0.38	1.61		06/29/17 21:07	75-35-4	
cis-1,2-Dichloroethene	<0.40	ug/m3	1.3	0.40	1.61		06/29/17 21:07	156-59-2	
trans-1,2-Dichloroethene	<0.62	ug/m3	1.3	0.62	1.61		06/29/17 21:07	156-60-5	
1,2-Dichloropropane	<0.43	ug/m3	1.5	0.43	1.61		06/29/17 21:07	78-87-5	
cis-1,3-Dichloropropene	<0.59	ug/m3	1.5	0.59	1.61		06/29/17 21:07	10061-01-5	
trans-1,3-Dichloropropene	<0.42	ug/m3	1.5	0.42	1.61		06/29/17 21:07	10061-02-6	
Dichlorotetrafluoroethane	<0.50	ug/m3	2.3	0.50	1.61		06/29/17 21:07	76-14-2	
Ethanol	12.3	ug/m3	1.5	0.43	1.61		06/29/17 21:07	64-17-5	
Ethyl acetate	<0.56	ug/m3	1.2	0.56	1.61		06/29/17 21:07	141-78-6	
Ethylbenzene	<0.68	ug/m3	1.4	0.68	1.61		06/29/17 21:07	100-41-4	
4-Ethyltoluene	<0.30	ug/m3	1.6	0.30	1.61		06/29/17 21:07	622-96-8	
n-Heptane	<0.45	ug/m3	1.3	0.45	1.61		06/29/17 21:07	142-82-5	
Hexachloro-1,3-butadiene	<1.0	ug/m3	3.5	1.0	1.61		06/29/17 21:07	87-68-3	
n-Hexane	<0.57	ug/m3	1.2	0.57	1.61		06/29/17 21:07	110-54-3	
2-Hexanone	<0.66	ug/m3	8.4	0.66	1.61		06/29/17 21:07	591-78-6	
Methylene Chloride	<0.87	ug/m3	14.2	0.87	1.61		06/29/17 21:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.35	ug/m3	6.7	0.35	1.61		06/29/17 21:07	108-10-1	
Methyl-tert-butyl ether	<0.49	ug/m3	5.9	0.49	1.61		06/29/17 21:07	1634-04-4	
Naphthalene	<0.49	ug/m3	4.3	0.49	1.61		06/29/17 21:07	91-20-3	
2-Propanol	85.1	ug/m3	4.0	0.39	1.61		06/29/17 21:07	67-63-0	
Propylene	1.3	ug/m3	0.56	0.22	1.61		06/29/17 21:07	115-07-1	
Styrene	4.2	ug/m3	1.4	0.31	1.61		06/29/17 21:07	100-42-5	
1,1,2,2-Tetrachloroethane	<0.53	ug/m3	5.6	0.53	1.61		06/29/17 21:07	79-34-5	

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## ANALYTICAL RESULTS

Project: Dunrite  
Pace Project No.: 10393175

**Sample: SSV 101**      **Lab ID: 10393175009**      Collected: 06/16/17 11:29      Received: 06/22/17 10:10      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b> Analytical Method: TO-15									
Tetrachloroethene	<b>1030</b>	ug/m3	35.2	9.0	32.2		06/30/17 17:03	127-18-4	
Tetrahydrofuran	4.5	ug/m3	0.97	0.19	1.61		06/29/17 21:07	109-99-9	
Toluene	<0.25	ug/m3	1.2	0.25	1.61		06/29/17 21:07	108-88-3	
1,2,4-Trichlorobenzene	<1.5	ug/m3	6.1	1.5	1.61		06/29/17 21:07	120-82-1	
1,1,1-Trichloroethane	<0.40	ug/m3	1.8	0.40	1.61		06/29/17 21:07	71-55-6	
1,1,2-Trichloroethane	<0.40	ug/m3	1.8	0.40	1.61		06/29/17 21:07	79-00-5	
Trichloroethene	<b>9.0</b>	ug/m3	0.89	0.44	1.61		06/29/17 21:07	79-01-6	
Trichlorofluoromethane	<0.21	ug/m3	1.8	0.21	1.61		06/29/17 21:07	75-69-4	
1,1,2-Trichlorotrifluoroethane	<0.48	ug/m3	2.6	0.48	1.61		06/29/17 21:07	76-13-1	
1,2,4-Trimethylbenzene	3.8J	ug/m3	4.0	0.20	1.61		06/29/17 21:07	95-63-6	
1,3,5-Trimethylbenzene	1.9J	ug/m3	4.0	0.29	1.61		06/29/17 21:07	108-67-8	
Vinyl acetate	3.1	ug/m3	1.2	0.53	1.61		06/29/17 21:07	108-05-4	
Vinyl chloride	<0.31	ug/m3	0.84	0.31	1.61		06/29/17 21:07	75-01-4	
m&p-Xylene	<1.3	ug/m3	2.8	1.3	1.61		06/29/17 21:07	179601-23-1	
o-Xylene	0.75J	ug/m3	1.4	0.57	1.61		06/29/17 21:07	95-47-6	

**Sample: Blower Exhaust**      **Lab ID: 10393175010**      Collected: 06/16/17 11:38      Received: 06/22/17 10:10      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b> Analytical Method: TO-15									
Acetone	153	ug/m3	10.6	1.5	1.75		06/29/17 23:23	67-64-1	
Benzene	1.0J	ug/m3	1.1	0.21	1.75		06/29/17 23:23	71-43-2	
Benzyl chloride	<0.29	ug/m3	4.6	0.29	1.75		06/29/17 23:23	100-44-7	
Bromodichloromethane	<0.34	ug/m3	2.4	0.34	1.75		06/29/17 23:23	75-27-4	
Bromoform	<1.6	ug/m3	3.7	1.6	1.75		06/29/17 23:23	75-25-2	
Bromomethane	<0.54	ug/m3	1.4	0.54	1.75		06/29/17 23:23	74-83-9	
1,3-Butadiene	<0.31	ug/m3	0.79	0.31	1.75		06/29/17 23:23	106-99-0	
2-Butanone (MEK)	3.6J	ug/m3	5.2	0.40	1.75		06/29/17 23:23	78-93-3	
Carbon disulfide	0.59J	ug/m3	1.1	0.18	1.75		06/29/17 23:23	75-15-0	
Carbon tetrachloride	<0.34	ug/m3	1.1	0.34	1.75		06/29/17 23:23	56-23-5	
Chlorobenzene	<0.23	ug/m3	1.6	0.23	1.75		06/29/17 23:23	108-90-7	
Chloroethane	<0.34	ug/m3	0.94	0.34	1.75		06/29/17 23:23	75-00-3	
Chloroform	<0.33	ug/m3	0.87	0.33	1.75		06/29/17 23:23	67-66-3	
Chloromethane	1.1	ug/m3	0.74	0.19	1.75		06/29/17 23:23	74-87-3	
Cyclohexane	1.3	ug/m3	1.2	0.55	1.75		06/29/17 23:23	110-82-7	
Dibromochloromethane	<1.5	ug/m3	3.0	1.5	1.75		06/29/17 23:23	124-48-1	
1,2-Dibromoethane (EDB)	<1.4	ug/m3	2.7	1.4	1.75		06/29/17 23:23	106-93-4	
1,2-Dichlorobenzene	<0.90	ug/m3	5.3	0.90	1.75		06/29/17 23:23	95-50-1	
1,3-Dichlorobenzene	<0.93	ug/m3	5.3	0.93	1.75		06/29/17 23:23	541-73-1	
1,4-Dichlorobenzene	<0.87	ug/m3	5.3	0.87	1.75		06/29/17 23:23	106-46-7	
Dichlorodifluoromethane	5.8	ug/m3	1.8	0.84	1.75		06/29/17 23:23	75-71-8	
1,1-Dichloroethane	<0.27	ug/m3	1.4	0.27	1.75		06/29/17 23:23	75-34-3	
1,2-Dichloroethane	<0.36	ug/m3	1.4	0.36	1.75		06/29/17 23:23	107-06-2	

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## ANALYTICAL RESULTS

Project: Dunrite  
Pace Project No.: 10393175

Sample: Blower Exhaust Lab ID: 10393175010 Collected: 06/16/17 11:38 Received: 06/22/17 10:10 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>		Analytical Method: TO-15							
1,1-Dichloroethene	<0.42	ug/m3	1.4	0.42	1.75		06/29/17 23:23	75-35-4	
cis-1,2-Dichloroethene	<0.43	ug/m3	1.4	0.43	1.75		06/29/17 23:23	156-59-2	
trans-1,2-Dichloroethene	<0.67	ug/m3	1.4	0.67	1.75		06/29/17 23:23	156-60-5	
1,2-Dichloropropane	<0.47	ug/m3	1.6	0.47	1.75		06/29/17 23:23	78-87-5	
cis-1,3-Dichloropropene	<0.65	ug/m3	1.6	0.65	1.75		06/29/17 23:23	10061-01-5	
trans-1,3-Dichloropropene	<0.46	ug/m3	1.6	0.46	1.75		06/29/17 23:23	10061-02-6	
Dichlorotetrafluoroethane	<0.54	ug/m3	2.5	0.54	1.75		06/29/17 23:23	76-14-2	
Ethanol	19.6	ug/m3	1.7	0.46	1.75		06/29/17 23:23	64-17-5	
Ethyl acetate	<0.61	ug/m3	1.3	0.61	1.75		06/29/17 23:23	141-78-6	
Ethylbenzene	1.0J	ug/m3	1.5	0.74	1.75		06/29/17 23:23	100-41-4	
4-Ethyltoluene	<0.33	ug/m3	1.8	0.33	1.75		06/29/17 23:23	622-96-8	
n-Heptane	1.5	ug/m3	1.5	0.49	1.75		06/29/17 23:23	142-82-5	
Hexachloro-1,3-butadiene	<1.1	ug/m3	3.8	1.1	1.75		06/29/17 23:23	87-68-3	
n-Hexane	131	ug/m3	1.3	0.62	1.75		06/29/17 23:23	110-54-3	
2-Hexanone	<0.72	ug/m3	9.1	0.72	1.75		06/29/17 23:23	591-78-6	
Methylene Chloride	1250	ug/m3	85.5	5.3	9.69		06/30/17 16:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.38	ug/m3	7.3	0.38	1.75		06/29/17 23:23	108-10-1	
Methyl-tert-butyl ether	<0.53	ug/m3	6.4	0.53	1.75		06/29/17 23:23	1634-04-4	
Naphthalene	<0.53	ug/m3	4.7	0.53	1.75		06/29/17 23:23	91-20-3	
2-Propanol	3.7J	ug/m3	4.4	0.42	1.75		06/29/17 23:23	67-63-0	
Propylene	<0.24	ug/m3	0.61	0.24	1.75		06/29/17 23:23	115-07-1	
Styrene	1.1J	ug/m3	1.5	0.34	1.75		06/29/17 23:23	100-42-5	
1,1,2,2-Tetrachloroethane	<0.58	ug/m3	6.1	0.58	1.75		06/29/17 23:23	79-34-5	
<b>Tetrachloroethene</b>	<b>58.8</b>	<b>ug/m3</b>	1.9	0.49	1.75		06/29/17 23:23	127-18-4	
Tetrahydrofuran	2.7	ug/m3	1.0	0.21	1.75		06/29/17 23:23	109-99-9	
Toluene	11.7	ug/m3	1.3	0.27	1.75		06/29/17 23:23	108-88-3	
1,2,4-Trichlorobenzene	<1.6	ug/m3	6.6	1.6	1.75		06/29/17 23:23	120-82-1	
1,1,1-Trichloroethane	<0.43	ug/m3	1.9	0.43	1.75		06/29/17 23:23	71-55-6	
1,1,2-Trichloroethane	<0.43	ug/m3	1.9	0.43	1.75		06/29/17 23:23	79-00-5	
<b>Trichloroethene</b>	<b>26.0</b>	<b>ug/m3</b>	0.96	0.48	1.75		06/29/17 23:23	79-01-6	
Trichlorofluoromethane	1.5J	ug/m3	2.0	0.23	1.75		06/29/17 23:23	75-69-4	
1,1,2-Trichlorotrifluoroethane	<0.53	ug/m3	2.8	0.53	1.75		06/29/17 23:23	76-13-1	
1,2,4-Trimethylbenzene	1.7J	ug/m3	4.4	0.22	1.75		06/29/17 23:23	95-63-6	
1,3,5-Trimethylbenzene	1.3J	ug/m3	4.4	0.32	1.75		06/29/17 23:23	108-67-8	
Vinyl acetate	<0.58	ug/m3	1.3	0.58	1.75		06/29/17 23:23	108-05-4	
Vinyl chloride	<0.34	ug/m3	0.91	0.34	1.75		06/29/17 23:23	75-01-4	
m&p-Xylene	4.5	ug/m3	3.1	1.4	1.75		06/29/17 23:23	179601-23-1	
o-Xylene	1.5J	ug/m3	1.5	0.61	1.75		06/29/17 23:23	95-47-6	

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### ANALYTICAL RESULTS

Project: Dunrite  
Pace Project No.: 10393175

Sample: AA 408      Lab ID: 10393175011      Collected: 06/16/17 16:08      Received: 06/22/17 10:10      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>		Analytical Method: TO-15							
Acetone	79.1	ug/m3	8.4	1.2	1.39		06/29/17 20:40	67-64-1	
Benzene	0.29J	ug/m3	0.90	0.17	1.39		06/29/17 20:40	71-43-2	
Benzyl chloride	<0.23	ug/m3	3.7	0.23	1.39		06/29/17 20:40	100-44-7	
Bromodichloromethane	<0.27	ug/m3	1.9	0.27	1.39		06/29/17 20:40	75-27-4	
Bromoform	<1.3	ug/m3	2.9	1.3	1.39		06/29/17 20:40	75-25-2	
Bromomethane	<0.43	ug/m3	1.1	0.43	1.39		06/29/17 20:40	74-83-9	
1,3-Butadiene	<0.24	ug/m3	0.63	0.24	1.39		06/29/17 20:40	106-99-0	
2-Butanone (MEK)	6.4	ug/m3	4.2	0.32	1.39		06/29/17 20:40	78-93-3	
Carbon disulfide	<0.14	ug/m3	0.88	0.14	1.39		06/29/17 20:40	75-15-0	
Carbon tetrachloride	<0.27	ug/m3	0.89	0.27	1.39		06/29/17 20:40	56-23-5	
Chlorobenzene	<0.19	ug/m3	1.3	0.19	1.39		06/29/17 20:40	108-90-7	
Chloroethane	<0.27	ug/m3	0.75	0.27	1.39		06/29/17 20:40	75-00-3	
Chloroform	<0.26	ug/m3	0.69	0.26	1.39		06/29/17 20:40	67-66-3	
Chloromethane	0.74	ug/m3	0.58	0.15	1.39		06/29/17 20:40	74-87-3	
Cyclohexane	0.55J	ug/m3	0.97	0.44	1.39		06/29/17 20:40	110-82-7	
Dibromochloromethane	<1.2	ug/m3	2.4	1.2	1.39		06/29/17 20:40	124-48-1	
1,2-Dibromoethane (EDB)	<1.1	ug/m3	2.2	1.1	1.39		06/29/17 20:40	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/m3	4.2	0.71	1.39		06/29/17 20:40	95-50-1	
1,3-Dichlorobenzene	<0.74	ug/m3	4.2	0.74	1.39		06/29/17 20:40	541-73-1	
1,4-Dichlorobenzene	76.0	ug/m3	4.2	0.69	1.39		06/29/17 20:40	106-46-7	
Dichlorodifluoromethane	3.8	ug/m3	1.4	0.67	1.39		06/29/17 20:40	75-71-8	
1,1-Dichloroethane	<0.22	ug/m3	1.1	0.22	1.39		06/29/17 20:40	75-34-3	
1,2-Dichloroethane	<0.28	ug/m3	1.1	0.28	1.39		06/29/17 20:40	107-06-2	
1,1-Dichloroethene	<0.33	ug/m3	1.1	0.33	1.39		06/29/17 20:40	75-35-4	
cis-1,2-Dichloroethene	<0.34	ug/m3	1.1	0.34	1.39		06/29/17 20:40	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/m3	1.1	0.53	1.39		06/29/17 20:40	156-60-5	
1,2-Dichloropropane	<0.38	ug/m3	1.3	0.38	1.39		06/29/17 20:40	78-87-5	
cis-1,3-Dichloropropene	<0.51	ug/m3	1.3	0.51	1.39		06/29/17 20:40	10061-01-5	
trans-1,3-Dichloropropene	<0.36	ug/m3	1.3	0.36	1.39		06/29/17 20:40	10061-02-6	
Dichlorotetrafluoroethane	<0.43	ug/m3	2.0	0.43	1.39		06/29/17 20:40	76-14-2	
Ethanol	61.9	ug/m3	1.3	0.37	1.39		06/29/17 20:40	64-17-5	
Ethyl acetate	3.2	ug/m3	1.0	0.48	1.39		06/29/17 20:40	141-78-6	
Ethylbenzene	<0.59	ug/m3	1.2	0.59	1.39		06/29/17 20:40	100-41-4	
4-Ethyltoluene	<0.26	ug/m3	1.4	0.26	1.39		06/29/17 20:40	622-96-8	
n-Heptane	1.6	ug/m3	1.2	0.39	1.39		06/29/17 20:40	142-82-5	
Hexachloro-1,3-butadiene	<0.90	ug/m3	3.0	0.90	1.39		06/29/17 20:40	87-68-3	
n-Hexane	<0.50	ug/m3	1.0	0.50	1.39		06/29/17 20:40	110-54-3	
2-Hexanone	<0.57	ug/m3	7.2	0.57	1.39		06/29/17 20:40	591-78-6	
Methylene Chloride	<0.75	ug/m3	12.3	0.75	1.39		06/29/17 20:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.30	ug/m3	5.8	0.30	1.39		06/29/17 20:40	108-10-1	
Methyl-tert-butyl ether	<0.42	ug/m3	5.1	0.42	1.39		06/29/17 20:40	1634-04-4	
Naphthalene	<0.42	ug/m3	3.7	0.42	1.39		06/29/17 20:40	91-20-3	
2-Propanol	92.6	ug/m3	3.5	0.33	1.39		06/29/17 20:40	67-63-0	
Propylene	<0.19	ug/m3	0.49	0.19	1.39		06/29/17 20:40	115-07-1	
Styrene	<0.27	ug/m3	1.2	0.27	1.39		06/29/17 20:40	100-42-5	
1,1,2,2-Tetrachloroethane	<0.46	ug/m3	4.8	0.46	1.39		06/29/17 20:40	79-34-5	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Dunrite  
Pace Project No.: 10393175

**Sample: AA 408**      **Lab ID: 10393175011**      Collected: 06/16/17 16:08      Received: 06/22/17 10:10      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>		Analytical Method: TO-15							
<b>Tetrachloroethene</b>	<b>2.9</b>	<b>ug/m3</b>	1.5	0.39	1.39		06/29/17 20:40	127-18-4	
Tetrahydrofuran	<0.17	ug/m3	0.83	0.17	1.39		06/29/17 20:40	109-99-9	
Toluene	2.1	ug/m3	1.1	0.21	1.39		06/29/17 20:40	108-88-3	
1,2,4-Trichlorobenzene	<1.3	ug/m3	5.2	1.3	1.39		06/29/17 20:40	120-82-1	
1,1,1-Trichloroethane	<0.34	ug/m3	1.5	0.34	1.39		06/29/17 20:40	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/m3	1.5	0.34	1.39		06/29/17 20:40	79-00-5	
<b>Trichloroethene</b>	<b>&lt;0.38</b>	<b>ug/m3</b>	0.76	0.38	1.39		06/29/17 20:40	79-01-6	
Trichlorofluoromethane	<0.18	ug/m3	1.6	0.18	1.39		06/29/17 20:40	75-69-4	
1,1,2-Trichlorotrifluoroethane	<0.42	ug/m3	2.2	0.42	1.39		06/29/17 20:40	76-13-1	
1,2,4-Trimethylbenzene	0.89J	ug/m3	3.5	0.17	1.39		06/29/17 20:40	95-63-6	
1,3,5-Trimethylbenzene	<0.25	ug/m3	3.5	0.25	1.39		06/29/17 20:40	108-67-8	
Vinyl acetate	2.7	ug/m3	1.0	0.46	1.39		06/29/17 20:40	108-05-4	
Vinyl chloride	<0.27	ug/m3	0.72	0.27	1.39		06/29/17 20:40	75-01-4	
m&p-Xylene	<1.1	ug/m3	2.5	1.1	1.39		06/29/17 20:40	179601-23-1	
o-Xylene	<0.49	ug/m3	1.2	0.49	1.39		06/29/17 20:40	95-47-6	

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: Dunrite  
Pace Project No.: 10393175

QC Batch: 482541 Analysis Method: TO-15  
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level  
Associated Lab Samples: 10393175001, 10393175002, 10393175003, 10393175004, 10393175005, 10393175006, 10393175007, 10393175008, 10393175009, 10393175010, 10393175011

METHOD BLANK: 2628408 Matrix: Air  
Associated Lab Samples: 10393175001, 10393175002, 10393175003, 10393175004, 10393175005, 10393175006, 10393175007, 10393175008, 10393175009, 10393175010, 10393175011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.25	1.1	06/29/17 16:34	
1,1,2,2-Tetrachloroethane	ug/m3	<0.33	1.4	06/29/17 16:34	MN
1,1,2-Trichloroethane	ug/m3	<0.25	2.8	06/29/17 16:34	MN
1,1,2-Trichlorotrifluoroethane	ug/m3	<0.30	1.6	06/29/17 16:34	
1,1-Dichloroethane	ug/m3	<0.16	0.82	06/29/17 16:34	
1,1-Dichloroethene	ug/m3	<0.24	0.81	06/29/17 16:34	
1,2,4-Trichlorobenzene	ug/m3	<0.91	3.8	06/29/17 16:34	
1,2,4-Trimethylbenzene	ug/m3	<0.12	1.0	06/29/17 16:34	MN
1,2-Dibromoethane (EDB)	ug/m3	<0.77	1.6	06/29/17 16:34	
1,2-Dichlorobenzene	ug/m3	<0.51	3.1	06/29/17 16:34	MN
1,2-Dichloroethane	ug/m3	<0.20	0.82	06/29/17 16:34	MN
1,2-Dichloropropane	ug/m3	<0.27	0.94	06/29/17 16:34	
1,3,5-Trimethylbenzene	ug/m3	<0.18	1.0	06/29/17 16:34	MN
1,3-Butadiene	ug/m3	<0.18	0.45	06/29/17 16:34	
1,3-Dichlorobenzene	ug/m3	<0.53	3.1	06/29/17 16:34	MN
1,4-Dichlorobenzene	ug/m3	<0.50	3.1	06/29/17 16:34	MN
2-Butanone (MEK)	ug/m3	<0.23	3.0	06/29/17 16:34	
2-Hexanone	ug/m3	<0.41	4.2	06/29/17 16:34	MN
2-Propanol	ug/m3	<0.24	2.5	06/29/17 16:34	
4-Ethyltoluene	ug/m3	<0.19	1.0	06/29/17 16:34	
4-Methyl-2-pentanone (MIBK)	ug/m3	<0.22	4.2	06/29/17 16:34	
Acetone	ug/m3	<0.83	6.0	06/29/17 16:34	MN
Benzene	ug/m3	<0.12	0.32	06/29/17 16:34	MN
Benzyl chloride	ug/m3	<0.17	1.0	06/29/17 16:34	MN
Bromodichloromethane	ug/m3	<0.19	1.4	06/29/17 16:34	
Bromoform	ug/m3	<0.90	2.1	06/29/17 16:34	
Bromomethane	ug/m3	<0.31	0.79	06/29/17 16:34	
Carbon disulfide	ug/m3	<0.10	0.63	06/29/17 16:34	
Carbon tetrachloride	ug/m3	<0.19	0.64	06/29/17 16:34	
Chlorobenzene	ug/m3	<0.13	0.94	06/29/17 16:34	
Chloroethane	ug/m3	<0.19	0.54	06/29/17 16:34	
Chloroform	ug/m3	<0.19	0.99	06/29/17 16:34	
Chloromethane	ug/m3	<0.11	1.0	06/29/17 16:34	
cis-1,2-Dichloroethene	ug/m3	<0.25	0.81	06/29/17 16:34	
cis-1,3-Dichloropropene	ug/m3	<0.37	0.92	06/29/17 16:34	
Cyclohexane	ug/m3	<0.32	0.70	06/29/17 16:34	
Dibromochloromethane	ug/m3	<0.86	1.7	06/29/17 16:34	
Dichlorodifluoromethane	ug/m3	<0.48	1.0	06/29/17 16:34	
Dichlorotetrafluoroethane	ug/m3	<0.31	1.4	06/29/17 16:34	
Ethanol	ug/m3	<0.26	0.96	06/29/17 16:34	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: Dunrite  
Pace Project No.: 10393175

METHOD BLANK: 2628408

Matrix: Air

Associated Lab Samples: 10393175001, 10393175002, 10393175003, 10393175004, 10393175005, 10393175006, 10393175007, 10393175008, 10393175009, 10393175010, 10393175011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethyl acetate	ug/m3	<0.35	0.73	06/29/17 16:34	
Ethylbenzene	ug/m3	<0.42	2.2	06/29/17 16:34	
Hexachloro-1,3-butadiene	ug/m3	<0.65	5.4	06/29/17 16:34	
m&p-Xylene	ug/m3	<0.79	1.8	06/29/17 16:34	
Methyl-tert-butyl ether	ug/m3	<0.30	3.7	06/29/17 16:34	
Methylene Chloride	ug/m3	<0.54	8.8	06/29/17 16:34	MN
n-Heptane	ug/m3	<0.28	0.83	06/29/17 16:34	
n-Hexane	ug/m3	<0.36	1.8	06/29/17 16:34	
Naphthalene	ug/m3	<0.30	2.7	06/29/17 16:34	
o-Xylene	ug/m3	<0.35	2.2	06/29/17 16:34	
Propylene	ug/m3	<0.14	0.88	06/29/17 16:34	
Styrene	ug/m3	<0.19	0.87	06/29/17 16:34	
Tetrachloroethene	ug/m3	<0.28	1.4	06/29/17 16:34	MN
Tetrahydrofuran	ug/m3	<0.12	1.5	06/29/17 16:34	
Toluene	ug/m3	<0.15	1.9	06/29/17 16:34	
trans-1,2-Dichloroethene	ug/m3	<0.38	2.0	06/29/17 16:34	
trans-1,3-Dichloropropene	ug/m3	<0.26	2.3	06/29/17 16:34	
Trichloroethene	ug/m3	<0.28	1.1	06/29/17 16:34	MN
Trichlorofluoromethane	ug/m3	<0.13	1.1	06/29/17 16:34	
Vinyl acetate	ug/m3	<0.33	0.72	06/29/17 16:34	
Vinyl chloride	ug/m3	<0.20	0.52	06/29/17 16:34	MN

LABORATORY CONTROL SAMPLE: 2628409

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	55.5	50.9	92	70-134	
1,1,2,2-Tetrachloroethane	ug/m3	69.8	61.6	88	70-130	
1,1,2-Trichloroethane	ug/m3	55.5	51.3	92	70-130	
1,1,2-Trichlorotrifluoroethane	ug/m3	77.9	72.3	93	70-130	
1,1-Dichloroethane	ug/m3	41.1	40.1	97	70-130	
1,1-Dichloroethene	ug/m3	40.3	36.3	90	70-130	
1,2,4-Trichlorobenzene	ug/m3	75.4	48.2	64	60-150	
1,2,4-Trimethylbenzene	ug/m3	50	39.4	79	70-136	
1,2-Dibromoethane (EDB)	ug/m3	78.1	63.3	81	70-130	
1,2-Dichlorobenzene	ug/m3	61.1	53.4	87	70-139	
1,2-Dichloroethane	ug/m3	41.1	36.6	89	70-130	
1,2-Dichloropropane	ug/m3	47	43.1	92	70-131	
1,3,5-Trimethylbenzene	ug/m3	50	43.4	87	70-133	
1,3-Butadiene	ug/m3	22.5	18.5	82	70-130	
1,3-Dichlorobenzene	ug/m3	61.1	54.5	89	70-144	
1,4-Dichlorobenzene	ug/m3	61.1	56.0	92	70-139	
2-Butanone (MEK)	ug/m3	30	24.1	80	70-130	
2-Hexanone	ug/m3	104	78.9	76	70-138	

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### QUALITY CONTROL DATA

Project: Dunrite  
Pace Project No.: 10393175

LABORATORY CONTROL SAMPLE: 2628409

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Propanol	ug/m3	125	121	97	70-130	
4-Ethyltoluene	ug/m3	50	38.0	76	70-135	
4-Methyl-2-pentanone (MIBK)	ug/m3	104	96.8	93	70-130	
Acetone	ug/m3	121	122	101	64-130	
Benzene	ug/m3	32.5	30.2	93	70-130	
Benzyl chloride	ug/m3	52.6	49.9	95	70-144	
Bromodichloromethane	ug/m3	68.1	60.9	89	70-134	
Bromoform	ug/m3	105	87.6	83	70-150	
Bromomethane	ug/m3	39.5	36.6	93	70-130	
Carbon disulfide	ug/m3	31.6	28.1	89	70-134	
Carbon tetrachloride	ug/m3	64	59.9	94	68-150	
Chlorobenzene	ug/m3	46.8	36.4	78	70-132	
Chloroethane	ug/m3	26.8	25.3	94	70-132	
Chloroform	ug/m3	49.6	45.5	92	70-130	
Chloromethane	ug/m3	21	17.9	85	70-130	
cis-1,2-Dichloroethene	ug/m3	40.3	37.5	93	70-133	
cis-1,3-Dichloropropene	ug/m3	46.1	42.7	93	70-137	
Cyclohexane	ug/m3	35	32.7	93	70-130	
Dibromochloromethane	ug/m3	86.6	68.0	79	70-144	
Dichlorodifluoromethane	ug/m3	50.3	46.6	93	70-130	
Dichlorotetrafluoroethane	ug/m3	71	62.1	87	70-130	
Ethanol	ug/m3	91.6	91.6	100	70-136	
Ethyl acetate	ug/m3	36.6	34.3	94	70-130	
Ethylbenzene	ug/m3	44.1	35.2	80	70-134	
Hexachloro-1,3-butadiene	ug/m3	108	75.1	69	45-150	
m&p-Xylene	ug/m3	88.3	69.3	79	70-130	
Methyl-tert-butyl ether	ug/m3	91.6	89.6	98	66-148	
Methylene Chloride	ug/m3	177	171	97	67-133	
n-Heptane	ug/m3	41.6	38.4	92	70-130	
n-Hexane	ug/m3	35.8	32.6	91	67-132	
Naphthalene	ug/m3	53.3	33.7	63	53-150	
o-Xylene	ug/m3	44.1	34.9	79	70-130	
Propylene	ug/m3	17.5	15.9	91	70-135	
Styrene	ug/m3	43.3	35.5	82	70-139	
Tetrachloroethene	ug/m3	68.9	53.9	78	70-130	
Tetrahydrofuran	ug/m3	30	28.4	95	70-130	
Toluene	ug/m3	38.3	36.4	95	70-130	
trans-1,2-Dichloroethene	ug/m3	40.3	37.5	93	70-131	
trans-1,3-Dichloropropene	ug/m3	46.1	42.7	93	70-142	
Trichloroethene	ug/m3	54.6	50.4	92	70-130	
Trichlorofluoromethane	ug/m3	57.1	54.3	95	70-130	
Vinyl acetate	ug/m3	35.8	33.6	94	70-137	
Vinyl chloride	ug/m3	26	21.7	83	70-130	

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### QUALITY CONTROL DATA

Project: Dunrite  
Pace Project No.: 10393175

SAMPLE DUPLICATE: 2629327

Parameter	Units	10393171001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	<0.25		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	<0.33		25	
1,1,2-Trichloroethane	ug/m3	ND	<0.25		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	<0.30		25	
1,1-Dichloroethane	ug/m3	ND	<0.16		25	
1,1-Dichloroethene	ug/m3	ND	<0.24		25	
1,2,4-Trichlorobenzene	ug/m3	ND	<0.91		25	
1,2,4-Trimethylbenzene	ug/m3	ND	<0.12		25	
1,2-Dibromoethane (EDB)	ug/m3	ND	<0.77		25	
1,2-Dichlorobenzene	ug/m3	ND	<0.51		25	
1,2-Dichloroethane	ug/m3	ND	<0.20		25	
1,2-Dichloropropane	ug/m3	ND	<0.27		25	
1,3,5-Trimethylbenzene	ug/m3	ND	<0.18		25	
1,3-Butadiene	ug/m3	ND	<0.18		25	
1,3-Dichlorobenzene	ug/m3	ND	<0.53		25	
1,4-Dichlorobenzene	ug/m3	ND	<0.50		25	
2-Butanone (MEK)	ug/m3	3.8	4.1	7	25	
2-Hexanone	ug/m3	ND	<0.41		25	
2-Propanol	ug/m3	ND	<0.24		25	
4-Ethyltoluene	ug/m3	ND	<0.19		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	<0.22		25	
Acetone	ug/m3	7.9	8.0	2	25	
Benzene	ug/m3	ND	<0.12		25	
Benzyl chloride	ug/m3	ND	<0.17		25	
Bromodichloromethane	ug/m3	ND	<0.19		25	
Bromoform	ug/m3	ND	<0.90		25	
Bromomethane	ug/m3	ND	<0.31		25	
Carbon disulfide	ug/m3	ND	<0.10		25	
Carbon tetrachloride	ug/m3	ND	<0.19		25	
Chlorobenzene	ug/m3	ND	<0.13		25	
Chloroethane	ug/m3	ND	<0.19		25	
Chloroform	ug/m3	ND	<0.19		25	
Chloromethane	ug/m3	0.80J	0.78J		25	
cis-1,2-Dichloroethene	ug/m3	ND	<0.25		25	
cis-1,3-Dichloropropene	ug/m3	ND	<0.37		25	
Cyclohexane	ug/m3	ND	<0.32		25	
Dibromochloromethane	ug/m3	ND	<0.86		25	
Dichlorodifluoromethane	ug/m3	1.5	1.3	17	25	
Dichlorotetrafluoroethane	ug/m3	ND	<0.31		25	
Ethanol	ug/m3	11.2	7.6	38	25	R1
Ethyl acetate	ug/m3	ND	<0.35		25	
Ethylbenzene	ug/m3	2.9	3.1	8	25	
Hexachloro-1,3-butadiene	ug/m3	ND	<0.65		25	
m&p-Xylene	ug/m3	ND	<0.79		25	
Methyl-tert-butyl ether	ug/m3	ND	<0.30		25	
Methylene Chloride	ug/m3	ND	<0.54		25	
n-Heptane	ug/m3	ND	<0.28		25	

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: Dunrite  
Pace Project No.: 10393175

SAMPLE DUPLICATE: 2629327

Parameter	Units	10393171001 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	ND	<0.36		25	
Naphthalene	ug/m3	ND	<0.30		25	
o-Xylene	ug/m3	ND	<0.35		25	
Propylene	ug/m3	ND	<0.14		25	
Styrene	ug/m3	2.2	2.2	1	25	
Tetrachloroethene	ug/m3	ND	<0.28		25	
Tetrahydrofuran	ug/m3	ND	<0.12		25	
Toluene	ug/m3	ND	<0.15		25	
trans-1,2-Dichloroethene	ug/m3	ND	<0.38		25	
trans-1,3-Dichloropropene	ug/m3	ND	<0.26		25	
Trichloroethene	ug/m3	0.36J	0.32J		25	
Trichlorofluoromethane	ug/m3	0.59J	0.64J		25	
Vinyl acetate	ug/m3	ND	<0.33		25	
Vinyl chloride	ug/m3	ND	<0.20		25	

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## QUALIFIERS

Project: Dunrite  
Pace Project No.: 10393175

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

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

### LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

### ANALYTE QUALIFIERS

A3 The sample was analyzed by serial dilution.

MN The reporting limit has been raised in accordance with Minnesota Statutes 4740.2100 Subpart 8. C, D. Reporting Limit Evaluation Rule.

R1 RPD value was outside control limits.

## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Dunrite  
Pace Project No.: 10393175

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10393175001	AA 304	TO-15	482541		
10393175002	SSV 304	TO-15	482541		
10393175003	AA 407	TO-15	482541		
10393175004	AA 406	TO-15	482541		
10393175005	AA 405	TO-15	482541		
10393175006	SSV 406	TO-15	482541		
10393175007	SSV 405	TO-15	482541		
10393175008	SSV 203	TO-15	482541		
10393175009	SSV 101	TO-15	482541		
10393175010	Blower Exhaust	TO-15	482541		
10393175011	AA 408	TO-15	482541		

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# AIR: CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

<b>Section A</b> Required Client Information: Company: <u>Sand Creek Consultants</u> Address: <u>151 Mill St. Amherst, WI</u> Email To: <u>Pete.Arnitsen@sand-creek.com</u> Phone: <u>715-824-5167</u> Fax: Requested Due Date/TAT:	<b>Section B</b> Required Project Information: Report To: <u>Pete Arnitsen</u> Copy To: Purchase Order No.: Project Name: <u>Donrite</u> Project Number:	<b>Section C</b> Invoice Information: Attention: <u>Pete Arnitsen</u> Company Name: <u>same as above</u> Address: Pace Quota Reference: Pace Project Manager/Sales Rep. Pace Profile #:	Program <input type="checkbox"/> UST <input type="checkbox"/> Superfund <input type="checkbox"/> Emissions <input type="checkbox"/> Clean Air Act <input type="checkbox"/> Voluntary Clean Up <input type="checkbox"/> Dry Clean <input type="checkbox"/> RCRA <input type="checkbox"/> Other Location of Sampling by State: <u>WI</u> Reporting Units ug/m <sup>3</sup> mg/m <sup>3</sup> PPEV PPMV Other Report Level: <u>II</u> <input type="checkbox"/> III <input type="checkbox"/> IV <input type="checkbox"/> Other
---	--	--	--

ITEM #	Section D Required Client Information <b>AIR SAMPLE ID</b> Sample IDs MUST BE UNIQUE	Valid Media Codes MEDIA CODE Tedlar Bag TB 1 Liter Summa Can 1LC 6 Liter Summa Can 6LC Low Volume Puff LVP High Volume Puff HVP Other PM10	MEDIA CODE	PID Reading (Client only)	COLLECTED				Canister Pressure (Initial Field - psig)	Canister Pressure (Final Field - psig)	Summa Can Number	Flow Control Number	Method:							Pace Lab ID	
					COMPOSITE START		COMPOSITE						PM10	3C-Fixed Gas (%)	TO-3	TO-3M (Methane)	TO-13 (PCB)	TO-14 (PAH)	TO-15		TO-15 Spill List*
					DATE	TIME	DATE	TIME													
1	AA 304		GLC		6/20/17	8:15	6/20/17	16:06	-30	-4	0873	0252							X		001
2	SSV 304				6/20/17	8:46	6/20/17	9:16	-29	-9	0620	0721							X		002
3	AA 407				6/16/17	8:07	6/16/17	16:06	-30	-3	2354	1033							X		003
4	AA 406				6/16/17	7:57	6/16/17	16:04	-29	-2	1061	1055							X	Initial -27	004
5	AA 405				6/16/17	7:48	6/16/17	16:01	-29	-2	0957	0335							X		005
6	SSV 406				6/16/17	9:00	6/16/17	9:30	-29	-7	1683	0630							X		006
7	SSV 405				6/16/17	9:40	6/16/17	10:10	-37	-6	2417	0834							X		007
8	SSV 203				6/16/17	10:39	6/16/17	11:09	-29	-7	0006	2848							X		008
9	SSV 101				6/16/17	10:55	6/16/17	11:29	-29	-6	1494	0976							X		009
10	Blower Exhaust				6/16/17	11:08	6/16/17	11:38	-29	-8	0701	0732							X	OW	010
11	AA 408				6/16/17	8:04	6/16/17	16:08	-38	-3	2661	1079							X		011
12																					0

Comments:	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		Lars Smith	6/20/17	16:00	Mary Pace	6/20/17	10:10	Temp in °C	Received on Ice	Custody Sealed Cooler
							Y/N	Y/N	Y/N	Y/N
							Y/N	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
PRINT Name of SAMPLER: <u>Lars Smith</u>					
SIGNATURE OF SAMPLER: <u>Lars Smith</u>					
DATE Signed (MM/DD/YY) <u>6/20/17</u>					

**Air Sample Condition Upon Receipt**

**Client Name:** Sand Creek Consultants

**Project #:** WO# : 10393175

**Courier:**  Fed Ex     UPS     Speedee     Client  
 Commercial     Pace     Other: \_\_\_\_\_



**Tracking Number:** 7300 9904 9123, 9145, 9134

**Custody Seal on Cooler/Box Present?**  Yes     No    **Seals Intact?**  Yes     No    **Optional:** Proj. Due Date: \_\_\_\_\_ Proj. Name: \_\_\_\_\_

**Packing Material:**  Bubble Wrap     Bubble Bags     Foam     None     Tin Can     Other: \_\_\_\_\_    **Temp Blank rec:**  Yes     No

**Temp. (TO17 and TO13 samples only) (°C):** \_\_\_\_\_ **Corrected Temp (°C):** \_\_\_\_\_    **Thermom. Used:**  B88A912167504     151401163  
 B88A0143310098     151401164

**Temp should be above freezing to 6°C**    **Correction Factor:** \_\_\_\_\_    **Date & Initials of Person Examining Contents:** Rld/22/17

**Type of ice Received**  Blue     Wet     None

	Comments:
Chain of Custody Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name and/or 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 <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72 hr)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
Containers Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Media: <u>Air Can</u> Airbag    Filter    TDT    Passive	11.
Sample Labels Match COC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.

Samples Received: FFFT,

Canisters			Canisters		
Sample Number	Can ID	Flow Controller ID	Sample Number	Can ID	Flow Controller ID

**CLIENT NOTIFICATION/RESOLUTION**    **Field Data Required?**  Yes     No

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments/Resolution: \_\_\_\_\_

**Project Manager Review:** Carolynne Hunt    **Date:** 6/22/17

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

June 23, 2017

Pete Arntsen  
SAND CREEK CONSULTANTS, INC.  
151 Mill Street  
Amherst, WI 54406

RE: Project: DUNRITE  
Pace Project No.: 40151759

Dear Pete Arntsen:

Enclosed are the analytical results for sample(s) received by the laboratory on June 16, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



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

Enclosures



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: DUNRITE

Pace Project No.: 40151759

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### Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: DUNRITE  
Pace Project No.: 40151759

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40151759001	GP-11	Water	06/14/17 09:00	06/16/17 08:50
40151759002	GP-12	Water	06/14/17 10:50	06/16/17 08:50
40151759003	MWG-1	Water	06/14/17 09:55	06/16/17 08:50
40151759004	DRUM 1	Water	06/14/17 15:15	06/16/17 08:50
40151759005	DRUM 2	Water	06/14/17 15:00	06/16/17 08:50

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### SAMPLE ANALYTE COUNT

Project: DUNRITE  
Pace Project No.: 40151759

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40151759001	GP-11	EPA 8260	HNW	63
40151759002	GP-12	EPA 8260	HNW	63
40151759003	MWG-1	EPA 8260	HNW	63
40151759004	DRUM 1	EPA 8260	LAP	13
40151759005	DRUM 2	EPA 8260	LAP	13

### REPORT OF LABORATORY ANALYSIS

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## SUMMARY OF DETECTION

Project: DUNRITE

Pace Project No.: 40151759

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40151759001</b>	<b>GP-11</b>					
EPA 8260	Tetrachloroethene	614	ug/L	5.0	06/21/17 03:33	
<b>40151759002</b>	<b>GP-12</b>					
EPA 8260	Tetrachloroethene	433	ug/L	4.0	06/21/17 03:00	
EPA 8260	Trichloroethene	1.7J	ug/L	4.0	06/21/17 03:00	
<b>40151759003</b>	<b>MWG-1</b>					
EPA 8260	Chloromethane	0.77J	ug/L	1.0	06/21/17 02:38	
EPA 8260	Tetrachloroethene	8.2	ug/L	1.0	06/21/17 02:38	
EPA 8260	Trichloroethene	1.1	ug/L	1.0	06/21/17 02:38	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: DUNRITE

Pace Project No.: 40151759

Sample: GP-11      Lab ID: 40151759001      Collected: 06/14/17 09:00      Received: 06/16/17 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	<0.90	ug/L	5.0	0.90	5		06/21/17 03:33	630-20-6	
1,1,1-Trichloroethane	<2.5	ug/L	5.0	2.5	5		06/21/17 03:33	71-55-6	
1,1,2,2-Tetrachloroethane	<1.2	ug/L	5.0	1.2	5		06/21/17 03:33	79-34-5	
1,1,2-Trichloroethane	<0.99	ug/L	5.0	0.99	5		06/21/17 03:33	79-00-5	
1,1-Dichloroethane	<1.2	ug/L	5.0	1.2	5		06/21/17 03:33	75-34-3	
1,1-Dichloroethene	<2.1	ug/L	5.0	2.1	5		06/21/17 03:33	75-35-4	
1,1-Dichloropropene	<2.2	ug/L	5.0	2.2	5		06/21/17 03:33	563-58-6	
1,2,3-Trichlorobenzene	<10.7	ug/L	25.0	10.7	5		06/21/17 03:33	87-61-6	
1,2,3-Trichloropropane	<2.5	ug/L	5.0	2.5	5		06/21/17 03:33	96-18-4	
1,2,4-Trichlorobenzene	<11.0	ug/L	25.0	11.0	5		06/21/17 03:33	120-82-1	
1,2,4-Trimethylbenzene	<2.5	ug/L	5.0	2.5	5		06/21/17 03:33	95-63-6	
1,2-Dibromo-3-chloropropane	<10.8	ug/L	25.0	10.8	5		06/21/17 03:33	96-12-8	
1,2-Dibromoethane (EDB)	<0.89	ug/L	5.0	0.89	5		06/21/17 03:33	106-93-4	
1,2-Dichlorobenzene	<2.5	ug/L	5.0	2.5	5		06/21/17 03:33	95-50-1	
1,2-Dichloroethane	<0.84	ug/L	5.0	0.84	5		06/21/17 03:33	107-06-2	
1,2-Dichloropropane	<1.2	ug/L	5.0	1.2	5		06/21/17 03:33	78-87-5	
1,3,5-Trimethylbenzene	<2.5	ug/L	5.0	2.5	5		06/21/17 03:33	108-67-8	
1,3-Dichlorobenzene	<2.5	ug/L	5.0	2.5	5		06/21/17 03:33	541-73-1	
1,3-Dichloropropane	<2.5	ug/L	5.0	2.5	5		06/21/17 03:33	142-28-9	
1,4-Dichlorobenzene	<2.5	ug/L	5.0	2.5	5		06/21/17 03:33	106-46-7	
2,2-Dichloropropane	<2.4	ug/L	5.0	2.4	5		06/21/17 03:33	594-20-7	
2-Chlorotoluene	<2.5	ug/L	5.0	2.5	5		06/21/17 03:33	95-49-8	
4-Chlorotoluene	<1.1	ug/L	5.0	1.1	5		06/21/17 03:33	106-43-4	
Benzene	<2.5	ug/L	5.0	2.5	5		06/21/17 03:33	71-43-2	
Bromobenzene	<1.2	ug/L	5.0	1.2	5		06/21/17 03:33	108-86-1	
Bromochloromethane	<1.7	ug/L	5.0	1.7	5		06/21/17 03:33	74-97-5	
Bromodichloromethane	<2.5	ug/L	5.0	2.5	5		06/21/17 03:33	75-27-4	
Bromoform	<2.5	ug/L	5.0	2.5	5		06/21/17 03:33	75-25-2	
Bromomethane	<12.2	ug/L	25.0	12.2	5		06/21/17 03:33	74-83-9	
Carbon tetrachloride	<2.5	ug/L	5.0	2.5	5		06/21/17 03:33	56-23-5	
Chlorobenzene	<2.5	ug/L	5.0	2.5	5		06/21/17 03:33	108-90-7	
Chloroethane	<1.9	ug/L	5.0	1.9	5		06/21/17 03:33	75-00-3	
Chloroform	<12.5	ug/L	25.0	12.5	5		06/21/17 03:33	67-66-3	
Chloromethane	<2.5	ug/L	5.0	2.5	5		06/21/17 03:33	74-87-3	
Dibromochloromethane	<2.5	ug/L	5.0	2.5	5		06/21/17 03:33	124-48-1	
Dibromomethane	<2.1	ug/L	5.0	2.1	5		06/21/17 03:33	74-95-3	
Dichlorodifluoromethane	<1.1	ug/L	5.0	1.1	5		06/21/17 03:33	75-71-8	
Diisopropyl ether	<2.5	ug/L	5.0	2.5	5		06/21/17 03:33	108-20-3	
Ethylbenzene	<2.5	ug/L	5.0	2.5	5		06/21/17 03:33	100-41-4	
Hexachloro-1,3-butadiene	<10.5	ug/L	25.0	10.5	5		06/21/17 03:33	87-68-3	
Isopropylbenzene (Cumene)	<0.72	ug/L	5.0	0.72	5		06/21/17 03:33	98-82-8	
Methyl-tert-butyl ether	<0.87	ug/L	5.0	0.87	5		06/21/17 03:33	1634-04-4	
Methylene Chloride	<1.2	ug/L	5.0	1.2	5		06/21/17 03:33	75-09-2	
Naphthalene	<12.5	ug/L	25.0	12.5	5		06/21/17 03:33	91-20-3	
Styrene	<2.5	ug/L	5.0	2.5	5		06/21/17 03:33	100-42-5	
Tetrachloroethene	614	ug/L	5.0	2.5	5		06/21/17 03:33	127-18-4	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: DUNRITE  
Pace Project No.: 40151759

**Sample: GP-11**      **Lab ID: 40151759001**      Collected: 06/14/17 09:00      Received: 06/16/17 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Toluene	<2.5	ug/L	5.0	2.5	5		06/21/17 03:33	108-88-3	
Trichloroethene	<1.7	ug/L	5.0	1.7	5		06/21/17 03:33	79-01-6	
Trichlorofluoromethane	<0.92	ug/L	5.0	0.92	5		06/21/17 03:33	75-69-4	
Vinyl chloride	<0.88	ug/L	5.0	0.88	5		06/21/17 03:33	75-01-4	
Xylene (Total)	<7.5	ug/L	15.0	7.5	5		06/21/17 03:33	1330-20-7	
cis-1,2-Dichloroethene	<1.3	ug/L	5.0	1.3	5		06/21/17 03:33	156-59-2	
cis-1,3-Dichloropropene	<2.5	ug/L	5.0	2.5	5		06/21/17 03:33	10061-01-5	
n-Butylbenzene	<2.5	ug/L	5.0	2.5	5		06/21/17 03:33	104-51-8	
n-Propylbenzene	<2.5	ug/L	5.0	2.5	5		06/21/17 03:33	103-65-1	
p-Isopropyltoluene	<2.5	ug/L	5.0	2.5	5		06/21/17 03:33	99-87-6	
sec-Butylbenzene	<10.9	ug/L	25.0	10.9	5		06/21/17 03:33	135-98-8	
tert-Butylbenzene	<0.90	ug/L	5.0	0.90	5		06/21/17 03:33	98-06-6	
trans-1,2-Dichloroethene	<1.3	ug/L	5.0	1.3	5		06/21/17 03:33	156-60-5	
trans-1,3-Dichloropropene	<1.1	ug/L	5.0	1.1	5		06/21/17 03:33	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	91	%	61-130		5		06/21/17 03:33	460-00-4	
Dibromofluoromethane (S)	97	%	67-130		5		06/21/17 03:33	1868-53-7	
Toluene-d8 (S)	101	%	70-130		5		06/21/17 03:33	2037-26-5	

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## ANALYTICAL RESULTS

Project: DUNRITE  
Pace Project No.: 40151759

Sample: GP-12      Lab ID: 40151759002      Collected: 06/14/17 10:50      Received: 06/16/17 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	<0.72	ug/L	4.0	0.72	4		06/21/17 03:00	630-20-6	
1,1,1-Trichloroethane	<2.0	ug/L	4.0	2.0	4		06/21/17 03:00	71-55-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	4.0	1.0	4		06/21/17 03:00	79-34-5	
1,1,2-Trichloroethane	<0.79	ug/L	4.0	0.79	4		06/21/17 03:00	79-00-5	
1,1-Dichloroethane	<0.97	ug/L	4.0	0.97	4		06/21/17 03:00	75-34-3	
1,1-Dichloroethene	<1.6	ug/L	4.0	1.6	4		06/21/17 03:00	75-35-4	
1,1-Dichloropropene	<1.8	ug/L	4.0	1.8	4		06/21/17 03:00	563-58-6	
1,2,3-Trichlorobenzene	<8.5	ug/L	20.0	8.5	4		06/21/17 03:00	87-61-6	
1,2,3-Trichloropropane	<2.0	ug/L	4.0	2.0	4		06/21/17 03:00	96-18-4	
1,2,4-Trichlorobenzene	<8.8	ug/L	20.0	8.8	4		06/21/17 03:00	120-82-1	
1,2,4-Trimethylbenzene	<2.0	ug/L	4.0	2.0	4		06/21/17 03:00	95-63-6	
1,2-Dibromo-3-chloropropane	<8.7	ug/L	20.0	8.7	4		06/21/17 03:00	96-12-8	
1,2-Dibromoethane (EDB)	<0.71	ug/L	4.0	0.71	4		06/21/17 03:00	106-93-4	
1,2-Dichlorobenzene	<2.0	ug/L	4.0	2.0	4		06/21/17 03:00	95-50-1	
1,2-Dichloroethane	<0.67	ug/L	4.0	0.67	4		06/21/17 03:00	107-06-2	
1,2-Dichloropropane	<0.93	ug/L	4.0	0.93	4		06/21/17 03:00	78-87-5	
1,3,5-Trimethylbenzene	<2.0	ug/L	4.0	2.0	4		06/21/17 03:00	108-67-8	
1,3-Dichlorobenzene	<2.0	ug/L	4.0	2.0	4		06/21/17 03:00	541-73-1	
1,3-Dichloropropane	<2.0	ug/L	4.0	2.0	4		06/21/17 03:00	142-28-9	
1,4-Dichlorobenzene	<2.0	ug/L	4.0	2.0	4		06/21/17 03:00	106-46-7	
2,2-Dichloropropane	<1.9	ug/L	4.0	1.9	4		06/21/17 03:00	594-20-7	
2-Chlorotoluene	<2.0	ug/L	4.0	2.0	4		06/21/17 03:00	95-49-8	
4-Chlorotoluene	<0.85	ug/L	4.0	0.85	4		06/21/17 03:00	106-43-4	
Benzene	<2.0	ug/L	4.0	2.0	4		06/21/17 03:00	71-43-2	
Bromobenzene	<0.92	ug/L	4.0	0.92	4		06/21/17 03:00	108-86-1	
Bromochloromethane	<1.4	ug/L	4.0	1.4	4		06/21/17 03:00	74-97-5	
Bromodichloromethane	<2.0	ug/L	4.0	2.0	4		06/21/17 03:00	75-27-4	
Bromoform	<2.0	ug/L	4.0	2.0	4		06/21/17 03:00	75-25-2	
Bromomethane	<9.7	ug/L	20.0	9.7	4		06/21/17 03:00	74-83-9	
Carbon tetrachloride	<2.0	ug/L	4.0	2.0	4		06/21/17 03:00	56-23-5	
Chlorobenzene	<2.0	ug/L	4.0	2.0	4		06/21/17 03:00	108-90-7	
Chloroethane	<1.5	ug/L	4.0	1.5	4		06/21/17 03:00	75-00-3	
Chloroform	<10.0	ug/L	20.0	10.0	4		06/21/17 03:00	67-66-3	
Chloromethane	<2.0	ug/L	4.0	2.0	4		06/21/17 03:00	74-87-3	
Dibromochloromethane	<2.0	ug/L	4.0	2.0	4		06/21/17 03:00	124-48-1	
Dibromomethane	<1.7	ug/L	4.0	1.7	4		06/21/17 03:00	74-95-3	
Dichlorodifluoromethane	<0.90	ug/L	4.0	0.90	4		06/21/17 03:00	75-71-8	
Diisopropyl ether	<2.0	ug/L	4.0	2.0	4		06/21/17 03:00	108-20-3	
Ethylbenzene	<2.0	ug/L	4.0	2.0	4		06/21/17 03:00	100-41-4	
Hexachloro-1,3-butadiene	<8.4	ug/L	20.0	8.4	4		06/21/17 03:00	87-68-3	
Isopropylbenzene (Cumene)	<0.57	ug/L	4.0	0.57	4		06/21/17 03:00	98-82-8	
Methyl-tert-butyl ether	<0.70	ug/L	4.0	0.70	4		06/21/17 03:00	1634-04-4	
Methylene Chloride	<0.93	ug/L	4.0	0.93	4		06/21/17 03:00	75-09-2	
Naphthalene	<10.0	ug/L	20.0	10.0	4		06/21/17 03:00	91-20-3	
Styrene	<2.0	ug/L	4.0	2.0	4		06/21/17 03:00	100-42-5	
Tetrachloroethene	433	ug/L	4.0	2.0	4		06/21/17 03:00	127-18-4	

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### ANALYTICAL RESULTS

Project: DUNRITE

Pace Project No.: 40151759

**Sample: GP-12**      **Lab ID: 40151759002**      Collected: 06/14/17 10:50      Received: 06/16/17 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Toluene	<2.0	ug/L	4.0	2.0	4		06/21/17 03:00	108-88-3	
Trichloroethene	1.7J	ug/L	4.0	1.3	4		06/21/17 03:00	79-01-6	
Trichlorofluoromethane	<0.74	ug/L	4.0	0.74	4		06/21/17 03:00	75-69-4	
Vinyl chloride	<0.70	ug/L	4.0	0.70	4		06/21/17 03:00	75-01-4	
Xylene (Total)	<6.0	ug/L	12.0	6.0	4		06/21/17 03:00	1330-20-7	
cis-1,2-Dichloroethene	<1.0	ug/L	4.0	1.0	4		06/21/17 03:00	156-59-2	
cis-1,3-Dichloropropene	<2.0	ug/L	4.0	2.0	4		06/21/17 03:00	10061-01-5	
n-Butylbenzene	<2.0	ug/L	4.0	2.0	4		06/21/17 03:00	104-51-8	
n-Propylbenzene	<2.0	ug/L	4.0	2.0	4		06/21/17 03:00	103-65-1	
p-Isopropyltoluene	<2.0	ug/L	4.0	2.0	4		06/21/17 03:00	99-87-6	
sec-Butylbenzene	<8.7	ug/L	20.0	8.7	4		06/21/17 03:00	135-98-8	
tert-Butylbenzene	<0.72	ug/L	4.0	0.72	4		06/21/17 03:00	98-06-6	
trans-1,2-Dichloroethene	<1.0	ug/L	4.0	1.0	4		06/21/17 03:00	156-60-5	
trans-1,3-Dichloropropene	<0.92	ug/L	4.0	0.92	4		06/21/17 03:00	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	99	%	61-130		4		06/21/17 03:00	460-00-4	
Dibromofluoromethane (S)	110	%	67-130		4		06/21/17 03:00	1868-53-7	
Toluene-d8 (S)	91	%	70-130		4		06/21/17 03:00	2037-26-5	

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## ANALYTICAL RESULTS

Project: DUNRITE  
Pace Project No.: 40151759

Sample: MWG-1      Lab ID: 40151759003      Collected: 06/14/17 09:55      Received: 06/16/17 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		06/21/17 02:38	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		06/21/17 02:38	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		06/21/17 02:38	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		06/21/17 02:38	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		06/21/17 02:38	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		06/21/17 02:38	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		06/21/17 02:38	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		06/21/17 02:38	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		06/21/17 02:38	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		06/21/17 02:38	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		06/21/17 02:38	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		06/21/17 02:38	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		06/21/17 02:38	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		06/21/17 02:38	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		06/21/17 02:38	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		06/21/17 02:38	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		06/21/17 02:38	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		06/21/17 02:38	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		06/21/17 02:38	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		06/21/17 02:38	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		06/21/17 02:38	594-20-7	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		06/21/17 02:38	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		06/21/17 02:38	106-43-4	
Benzene	<0.50	ug/L	1.0	0.50	1		06/21/17 02:38	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		06/21/17 02:38	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		06/21/17 02:38	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		06/21/17 02:38	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		06/21/17 02:38	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		06/21/17 02:38	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		06/21/17 02:38	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		06/21/17 02:38	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		06/21/17 02:38	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		06/21/17 02:38	67-66-3	
Chloromethane	0.77J	ug/L	1.0	0.50	1		06/21/17 02:38	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		06/21/17 02:38	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		06/21/17 02:38	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		06/21/17 02:38	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		06/21/17 02:38	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		06/21/17 02:38	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		06/21/17 02:38	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		06/21/17 02:38	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		06/21/17 02:38	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		06/21/17 02:38	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		06/21/17 02:38	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		06/21/17 02:38	100-42-5	
Tetrachloroethene	8.2	ug/L	1.0	0.50	1		06/21/17 02:38	127-18-4	

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### ANALYTICAL RESULTS

Project: DUNRITE

Pace Project No.: 40151759

**Sample: MWG-1**      **Lab ID: 40151759003**      Collected: 06/14/17 09:55      Received: 06/16/17 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Toluene	<0.50	ug/L	1.0	0.50	1		06/21/17 02:38	108-88-3	
Trichloroethene	1.1	ug/L	1.0	0.33	1		06/21/17 02:38	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		06/21/17 02:38	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		06/21/17 02:38	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		06/21/17 02:38	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		06/21/17 02:38	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		06/21/17 02:38	10061-01-5	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		06/21/17 02:38	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		06/21/17 02:38	103-65-1	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		06/21/17 02:38	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		06/21/17 02:38	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		06/21/17 02:38	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		06/21/17 02:38	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		06/21/17 02:38	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	98	%	61-130		1		06/21/17 02:38	460-00-4	
Dibromofluoromethane (S)	111	%	67-130		1		06/21/17 02:38	1868-53-7	
Toluene-d8 (S)	91	%	70-130		1		06/21/17 02:38	2037-26-5	

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### ANALYTICAL RESULTS

Project: DUNRITE  
Pace Project No.: 40151759

**Sample: DRUM 1**      **Lab ID: 40151759004**      Collected: 06/14/17 15:15      Received: 06/16/17 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV TCLP</b>									
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 06/21/17 00:00									
Benzene	<5.0	ug/L	10.0	5.0	10		06/22/17 10:17	71-43-2	
2-Butanone (MEK)	<29.8	ug/L	200	29.8	10		06/22/17 10:17	78-93-3	
Carbon tetrachloride	<5.0	ug/L	10.0	5.0	10		06/22/17 10:17	56-23-5	
Chlorobenzene	<5.0	ug/L	10.0	5.0	10		06/22/17 10:17	108-90-7	
Chloroform	<25.0	ug/L	50.0	25.0	10		06/22/17 10:17	67-66-3	
1,2-Dichloroethane	<1.7	ug/L	10.0	1.7	10		06/22/17 10:17	107-06-2	
1,1-Dichloroethene	<4.1	ug/L	10.0	4.1	10		06/22/17 10:17	75-35-4	
Tetrachloroethene	<5.0	ug/L	10.0	5.0	10		06/22/17 10:17	127-18-4	
Trichloroethene	<3.3	ug/L	10.0	3.3	10		06/22/17 10:17	79-01-6	
Vinyl chloride	<1.8	ug/L	10.0	1.8	10		06/22/17 10:17	75-01-4	
<b>Surrogates</b>									
Toluene-d8 (S)	96	%	70-130		10		06/22/17 10:17	2037-26-5	
4-Bromofluorobenzene (S)	95	%	61-130		10		06/22/17 10:17	460-00-4	
Dibromofluoromethane (S)	99	%	67-130		10		06/22/17 10:17	1868-53-7	

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## ANALYTICAL RESULTS

Project: DUNRITE

Pace Project No.: 40151759

**Sample: DRUM 2**      **Lab ID: 40151759005**      Collected: 06/14/17 15:00      Received: 06/16/17 08:50      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV TCLP</b>									
Analytical Method: EPA 8260    Leachate Method/Date: EPA 1311; 06/21/17 00:00									
Benzene	<5.0	ug/L	10.0	5.0	10		06/22/17 10:40	71-43-2	
2-Butanone (MEK)	<29.8	ug/L	200	29.8	10		06/22/17 10:40	78-93-3	
Carbon tetrachloride	<5.0	ug/L	10.0	5.0	10		06/22/17 10:40	56-23-5	
Chlorobenzene	<5.0	ug/L	10.0	5.0	10		06/22/17 10:40	108-90-7	
Chloroform	<25.0	ug/L	50.0	25.0	10		06/22/17 10:40	67-66-3	
1,2-Dichloroethane	<1.7	ug/L	10.0	1.7	10		06/22/17 10:40	107-06-2	
1,1-Dichloroethene	<4.1	ug/L	10.0	4.1	10		06/22/17 10:40	75-35-4	
Tetrachloroethene	<5.0	ug/L	10.0	5.0	10		06/22/17 10:40	127-18-4	
Trichloroethene	<3.3	ug/L	10.0	3.3	10		06/22/17 10:40	79-01-6	
Vinyl chloride	<1.8	ug/L	10.0	1.8	10		06/22/17 10:40	75-01-4	
<b>Surrogates</b>									
Toluene-d8 (S)	99	%	70-130		10		06/22/17 10:40	2037-26-5	
4-Bromofluorobenzene (S)	91	%	61-130		10		06/22/17 10:40	460-00-4	
Dibromofluoromethane (S)	105	%	67-130		10		06/22/17 10:40	1868-53-7	

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: DUNRITE  
Pace Project No.: 40151759

QC Batch: 259259 Analysis Method: EPA 8260  
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV TCLP  
Associated Lab Samples: 40151759004, 40151759005

METHOD BLANK: 1527140 Matrix: Water  
Associated Lab Samples: 40151759004, 40151759005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1-Dichloroethene	ug/L	<0.41	1.0	06/22/17 07:15	
1,2-Dichloroethane	ug/L	<0.17	1.0	06/22/17 07:15	
2-Butanone (MEK)	ug/L	<3.0	20.0	06/22/17 07:15	
Benzene	ug/L	<0.50	1.0	06/22/17 07:15	
Carbon tetrachloride	ug/L	<0.50	1.0	06/22/17 07:15	
Chlorobenzene	ug/L	<0.50	1.0	06/22/17 07:15	
Chloroform	ug/L	<2.5	5.0	06/22/17 07:15	
Tetrachloroethene	ug/L	<0.50	1.0	06/22/17 07:15	
Trichloroethene	ug/L	<0.33	1.0	06/22/17 07:15	
Vinyl chloride	ug/L	<0.18	1.0	06/22/17 07:15	
4-Bromofluorobenzene (S)	%	94	61-130	06/22/17 07:15	
Dibromofluoromethane (S)	%	99	67-130	06/22/17 07:15	
Toluene-d8 (S)	%	99	70-130	06/22/17 07:15	

METHOD BLANK: 1526458 Matrix: Solid  
Associated Lab Samples: 40151759004, 40151759005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1-Dichloroethene	ug/L	<4.1	10.0	06/22/17 11:03	
1,2-Dichloroethane	ug/L	<1.7	10.0	06/22/17 11:03	
2-Butanone (MEK)	ug/L	<29.8	200	06/22/17 11:03	
Benzene	ug/L	<5.0	10.0	06/22/17 11:03	
Carbon tetrachloride	ug/L	<5.0	10.0	06/22/17 11:03	
Chlorobenzene	ug/L	<5.0	10.0	06/22/17 11:03	
Chloroform	ug/L	<25.0	50.0	06/22/17 11:03	
Tetrachloroethene	ug/L	<5.0	10.0	06/22/17 11:03	
Trichloroethene	ug/L	<3.3	10.0	06/22/17 11:03	
Vinyl chloride	ug/L	<1.8	10.0	06/22/17 11:03	
4-Bromofluorobenzene (S)	%	92	61-130	06/22/17 11:03	
Dibromofluoromethane (S)	%	103	67-130	06/22/17 11:03	
Toluene-d8 (S)	%	99	70-130	06/22/17 11:03	

LABORATORY CONTROL SAMPLE: 1527141

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	50	53.1	106	75-130	
1,2-Dichloroethane	ug/L	50	53.8	108	70-131	
Benzene	ug/L	50	51.3	103	73-145	

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### QUALITY CONTROL DATA

Project: DUNRITE  
Pace Project No.: 40151759

LABORATORY CONTROL SAMPLE: 1527141

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	50	54.1	108	70-133	
Chlorobenzene	ug/L	50	51.9	104	70-130	
Chloroform	ug/L	50	51.3	103	80-121	
Tetrachloroethene	ug/L	50	52.5	105	70-130	
Trichloroethene	ug/L	50	52.2	104	70-130	
Vinyl chloride	ug/L	50	54.2	108	57-136	
4-Bromofluorobenzene (S)	%			101	61-130	
Dibromofluoromethane (S)	%			100	67-130	
Toluene-d8 (S)	%			96	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1527939 1527940

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40151759004 Result	Spike Conc.	Spike Conc.	MS Result						
1,1-Dichloroethene	ug/L	<4.1	500	500	505	481	101	96	75-136	5	20
1,2-Dichloroethane	ug/L	<1.7	500	500	505	476	101	95	70-131	6	20
2-Butanone (MEK)	ug/L	<29.8			<29.8	<29.8					20
Benzene	ug/L	<5.0	500	500	497	475	99	95	73-145	5	20
Carbon tetrachloride	ug/L	<5.0	500	500	516	493	103	99	70-134	5	20
Chlorobenzene	ug/L	<5.0	500	500	505	485	101	97	70-130	4	20
Chloroform	ug/L	<25.0	500	500	491	468	98	94	80-121	5	20
Tetrachloroethene	ug/L	<5.0	500	500	517	493	103	99	70-130	5	20
Trichloroethene	ug/L	<3.3	500	500	500	478	100	96	70-130	5	20
Vinyl chloride	ug/L	<1.8	500	500	499	485	100	97	56-143	3	20
4-Bromofluorobenzene (S)	%						100	103	61-130		
Dibromofluoromethane (S)	%						98	98	67-130		
Toluene-d8 (S)	%						100	101	70-130		

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### QUALITY CONTROL DATA

Project: DUNRITE  
Pace Project No.: 40151759

QC Batch: 258955 Analysis Method: EPA 8260  
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV  
Associated Lab Samples: 40151759001

METHOD BLANK: 1525946 Matrix: Water  
Associated Lab Samples: 40151759001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	06/20/17 06:17	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	06/20/17 06:17	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	06/20/17 06:17	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	06/20/17 06:17	
1,1-Dichloroethane	ug/L	<0.24	1.0	06/20/17 06:17	
1,1-Dichloroethene	ug/L	<0.41	1.0	06/20/17 06:17	
1,1-Dichloropropene	ug/L	<0.44	1.0	06/20/17 06:17	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	06/20/17 06:17	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	06/20/17 06:17	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	06/20/17 06:17	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	06/20/17 06:17	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	06/20/17 06:17	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	06/20/17 06:17	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	06/20/17 06:17	
1,2-Dichloroethane	ug/L	<0.17	1.0	06/20/17 06:17	
1,2-Dichloropropane	ug/L	<0.23	1.0	06/20/17 06:17	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	06/20/17 06:17	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	06/20/17 06:17	
1,3-Dichloropropane	ug/L	<0.50	1.0	06/20/17 06:17	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	06/20/17 06:17	
2,2-Dichloropropane	ug/L	<0.48	1.0	06/20/17 06:17	
2-Chlorotoluene	ug/L	<0.50	1.0	06/20/17 06:17	
4-Chlorotoluene	ug/L	<0.21	1.0	06/20/17 06:17	
Benzene	ug/L	<0.50	1.0	06/20/17 06:17	
Bromobenzene	ug/L	<0.23	1.0	06/20/17 06:17	
Bromochloromethane	ug/L	<0.34	1.0	06/20/17 06:17	
Bromodichloromethane	ug/L	<0.50	1.0	06/20/17 06:17	
Bromoform	ug/L	<0.50	1.0	06/20/17 06:17	
Bromomethane	ug/L	<2.4	5.0	06/20/17 06:17	
Carbon tetrachloride	ug/L	<0.50	1.0	06/20/17 06:17	
Chlorobenzene	ug/L	<0.50	1.0	06/20/17 06:17	
Chloroethane	ug/L	<0.37	1.0	06/20/17 06:17	
Chloroform	ug/L	<2.5	5.0	06/20/17 06:17	
Chloromethane	ug/L	<0.50	1.0	06/20/17 06:17	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	06/20/17 06:17	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	06/20/17 06:17	
Dibromochloromethane	ug/L	<0.50	1.0	06/20/17 06:17	
Dibromomethane	ug/L	<0.43	1.0	06/20/17 06:17	
Dichlorodifluoromethane	ug/L	<0.22	1.0	06/20/17 06:17	
Diisopropyl ether	ug/L	<0.50	1.0	06/20/17 06:17	
Ethylbenzene	ug/L	<0.50	1.0	06/20/17 06:17	

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### QUALITY CONTROL DATA

Project: DUNRITE  
Pace Project No.: 40151759

METHOD BLANK: 1525946

Matrix: Water

Associated Lab Samples: 40151759001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	06/20/17 06:17	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	06/20/17 06:17	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	06/20/17 06:17	
Methylene Chloride	ug/L	<0.23	1.0	06/20/17 06:17	
n-Butylbenzene	ug/L	<0.50	1.0	06/20/17 06:17	
n-Propylbenzene	ug/L	<0.50	1.0	06/20/17 06:17	
Naphthalene	ug/L	<2.5	5.0	06/20/17 06:17	
p-Isopropyltoluene	ug/L	<0.50	1.0	06/20/17 06:17	
sec-Butylbenzene	ug/L	<2.2	5.0	06/20/17 06:17	
Styrene	ug/L	<0.50	1.0	06/20/17 06:17	
tert-Butylbenzene	ug/L	<0.18	1.0	06/20/17 06:17	
Tetrachloroethene	ug/L	<0.50	1.0	06/20/17 06:17	
Toluene	ug/L	<0.50	1.0	06/20/17 06:17	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	06/20/17 06:17	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	06/20/17 06:17	
Trichloroethene	ug/L	<0.33	1.0	06/20/17 06:17	
Trichlorofluoromethane	ug/L	<0.18	1.0	06/20/17 06:17	
Vinyl chloride	ug/L	<0.18	1.0	06/20/17 06:17	
Xylene (Total)	ug/L	<1.5	3.0	06/20/17 06:17	
4-Bromofluorobenzene (S)	%	103	61-130	06/20/17 06:17	
Dibromofluoromethane (S)	%	100	67-130	06/20/17 06:17	
Toluene-d8 (S)	%	109	70-130	06/20/17 06:17	

LABORATORY CONTROL SAMPLE: 1525947

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	56.6	113	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	52.6	105	70-130	
1,1,2-Trichloroethane	ug/L	50	54.7	109	70-130	
1,1-Dichloroethane	ug/L	50	53.1	106	71-132	
1,1-Dichloroethene	ug/L	50	51.8	104	75-130	
1,2,4-Trichlorobenzene	ug/L	50	46.1	92	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	50.0	100	63-123	
1,2-Dibromoethane (EDB)	ug/L	50	54.6	109	70-130	
1,2-Dichlorobenzene	ug/L	50	54.5	109	70-130	
1,2-Dichloroethane	ug/L	50	53.0	106	70-131	
1,2-Dichloropropane	ug/L	50	52.8	106	80-120	
1,3-Dichlorobenzene	ug/L	50	53.9	108	70-130	
1,4-Dichlorobenzene	ug/L	50	53.8	108	70-130	
Benzene	ug/L	50	54.1	108	73-145	
Bromodichloromethane	ug/L	50	54.0	108	70-130	
Bromoform	ug/L	50	50.6	101	67-130	
Bromomethane	ug/L	50	35.0	70	26-128	
Carbon tetrachloride	ug/L	50	55.0	110	70-133	

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### QUALITY CONTROL DATA

Project: DUNRITE  
Pace Project No.: 40151759

LABORATORY CONTROL SAMPLE: 1525947

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chlorobenzene	ug/L	50	53.9	108	70-130	
Chloroethane	ug/L	50	47.6	95	58-120	
Chloroform	ug/L	50	54.1	108	80-121	
Chloromethane	ug/L	50	37.8	76	40-127	
cis-1,2-Dichloroethene	ug/L	50	53.5	107	70-130	
cis-1,3-Dichloropropene	ug/L	50	51.5	103	70-130	
Dibromochloromethane	ug/L	50	49.8	100	70-130	
Dichlorodifluoromethane	ug/L	50	27.5	55	20-135	
Ethylbenzene	ug/L	50	56.3	113	87-129	
Isopropylbenzene (Cumene)	ug/L	50	56.8	114	70-130	
Methyl-tert-butyl ether	ug/L	50	57.1	114	66-143	
Methylene Chloride	ug/L	50	54.2	108	70-130	
Styrene	ug/L	50	57.8	116	70-130	
Tetrachloroethene	ug/L	50	53.8	108	70-130	
Toluene	ug/L	50	54.3	109	82-130	
trans-1,2-Dichloroethene	ug/L	50	55.2	110	75-132	
trans-1,3-Dichloropropene	ug/L	50	46.9	94	70-130	
Trichloroethene	ug/L	50	55.6	111	70-130	
Trichlorofluoromethane	ug/L	50	54.6	109	76-133	
Vinyl chloride	ug/L	50	44.4	89	57-136	
Xylene (Total)	ug/L	150	168	112	70-130	
4-Bromofluorobenzene (S)	%			107	61-130	
Dibromofluoromethane (S)	%			102	67-130	
Toluene-d8 (S)	%			103	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1525948 1525949

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40151758003 Result	Spike Conc.	Spike Conc.	Conc.								
1,1,1-Trichloroethane	ug/L	<1.0	50	50	58.4	55.5	117	111	70-134	5	20		
1,1,2,2-Tetrachloroethane	ug/L	<1.0	50	50	55.3	51.5	111	103	70-130	7	20		
1,1,2-Trichloroethane	ug/L	<1.0	50	50	56.6	53.7	113	107	70-130	5	20		
1,1-Dichloroethane	ug/L	<1.0	50	50	55.3	52.9	111	106	71-133	4	20		
1,1-Dichloroethene	ug/L	<1.0	50	50	53.5	51.1	107	102	75-136	5	20		
1,2,4-Trichlorobenzene	ug/L	<5.0	50	50	50.0	42.1	100	84	70-130	17	20		
1,2-Dibromo-3-chloropropane	ug/L	<5.0	50	50	53.3	48.5	107	97	63-123	10	20		
1,2-Dibromoethane (EDB)	ug/L	<1.0	50	50	57.5	55.2	115	110	70-130	4	20		
1,2-Dichlorobenzene	ug/L	<1.0	50	50	57.6	53.7	115	107	70-130	7	20		
1,2-Dichloroethane	ug/L	<1.0	50	50	56.3	52.6	113	105	70-131	7	20		
1,2-Dichloropropane	ug/L	<1.0	50	50	52.4	52.6	105	105	80-120	0	20		
1,3-Dichlorobenzene	ug/L	<1.0	50	50	55.8	51.7	112	103	70-130	8	20		
1,4-Dichlorobenzene	ug/L	<1.0	50	50	56.2	51.9	112	104	70-130	8	20		
Benzene	ug/L	<1.0	50	50	54.5	53.5	109	107	73-145	2	20		
Bromodichloromethane	ug/L	<1.0	50	50	55.7	53.6	111	107	70-130	4	20		

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### QUALITY CONTROL DATA

Project: DUNRITE

Pace Project No.: 40151759

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1525948		1525949		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40151758003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Bromoform	ug/L	<1.0	50	50	55.0	52.3	110	105	67-130	5	20		
Bromomethane	ug/L	<5.0	50	50	38.9	42.1	78	84	26-129	8	20		
Carbon tetrachloride	ug/L	<1.0	50	50	56.4	53.6	113	107	70-134	5	20		
Chlorobenzene	ug/L	<1.0	50	50	57.3	53.4	115	107	70-130	7	20		
Chloroethane	ug/L	<1.0	50	50	50.3	47.2	99	92	58-120	7	20		
Chloroform	ug/L	<5.0	50	50	56.3	52.7	113	105	80-121	7	20		
Chloromethane	ug/L	<1.0	50	50	38.5	38.9	77	78	40-128	1	20		
cis-1,2-Dichloroethene	ug/L	9.4	50	50	68.2	63.8	117	109	70-130	7	20		
cis-1,3-Dichloropropene	ug/L	<1.0	50	50	55.6	54.7	111	109	70-130	2	20		
Dibromochloromethane	ug/L	<1.0	50	50	53.3	49.0	107	98	70-130	8	20		
Dichlorodifluoromethane	ug/L	<1.0	50	50	34.4	33.6	69	67	20-146	2	20		
Ethylbenzene	ug/L	<1.0	50	50	57.9	55.4	116	111	87-129	4	20		
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	59.7	55.7	119	111	70-130	7	20		
Methyl-tert-butyl ether	ug/L	<1.0	50	50	58.8	55.2	118	110	66-143	6	20		
Methylene Chloride	ug/L	<1.0	50	50	54.4	52.2	108	104	70-130	4	20		
Styrene	ug/L	<1.0	50	50	58.9	55.6	118	111	70-130	6	20		
Tetrachloroethene	ug/L	1.9	50	50	59.6	56.2	115	109	70-130	6	20		
Toluene	ug/L	<1.0	50	50	58.0	54.7	116	109	82-131	6	20		
trans-1,2-Dichloroethene	ug/L	<1.0	50	50	57.2	55.3	114	110	75-135	3	20		
trans-1,3-Dichloropropene	ug/L	<1.0	50	50	52.7	50.2	105	100	70-130	5	20		
Trichloroethene	ug/L	<1.0	50	50	58.3	56.1	115	111	70-130	4	20		
Trichlorofluoromethane	ug/L	<1.0	50	50	54.2	52.0	108	104	76-150	4	20		
Vinyl chloride	ug/L	<1.0	50	50	48.2	46.5	95	91	56-143	4	20		
Xylene (Total)	ug/L	<3.0	150	150	176	165	117	110	70-130	6	20		
4-Bromofluorobenzene (S)	%						109	106	61-130				
Dibromofluoromethane (S)	%						99	97	67-130				
Toluene-d8 (S)	%						104	102	70-130				

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: DUNRITE  
Pace Project No.: 40151759

QC Batch: 258957 Analysis Method: EPA 8260  
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV  
Associated Lab Samples: 40151759002, 40151759003

METHOD BLANK: 1525952 Matrix: Water  
Associated Lab Samples: 40151759002, 40151759003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	06/20/17 16:56	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	06/20/17 16:56	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	06/20/17 16:56	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	06/20/17 16:56	
1,1-Dichloroethane	ug/L	<0.24	1.0	06/20/17 16:56	
1,1-Dichloroethene	ug/L	<0.41	1.0	06/20/17 16:56	
1,1-Dichloropropene	ug/L	<0.44	1.0	06/20/17 16:56	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	06/20/17 16:56	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	06/20/17 16:56	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	06/20/17 16:56	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	06/20/17 16:56	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	06/20/17 16:56	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	06/20/17 16:56	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	06/20/17 16:56	
1,2-Dichloroethane	ug/L	<0.17	1.0	06/20/17 16:56	
1,2-Dichloropropane	ug/L	<0.23	1.0	06/20/17 16:56	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	06/20/17 16:56	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	06/20/17 16:56	
1,3-Dichloropropane	ug/L	<0.50	1.0	06/20/17 16:56	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	06/20/17 16:56	
2,2-Dichloropropane	ug/L	<0.48	1.0	06/20/17 16:56	
2-Chlorotoluene	ug/L	<0.50	1.0	06/20/17 16:56	
4-Chlorotoluene	ug/L	<0.21	1.0	06/20/17 16:56	
Benzene	ug/L	<0.50	1.0	06/20/17 16:56	
Bromobenzene	ug/L	<0.23	1.0	06/20/17 16:56	
Bromochloromethane	ug/L	<0.34	1.0	06/20/17 16:56	
Bromodichloromethane	ug/L	<0.50	1.0	06/20/17 16:56	
Bromoform	ug/L	<0.50	1.0	06/20/17 16:56	
Bromomethane	ug/L	<2.4	5.0	06/20/17 16:56	
Carbon tetrachloride	ug/L	<0.50	1.0	06/20/17 16:56	
Chlorobenzene	ug/L	<0.50	1.0	06/20/17 16:56	
Chloroethane	ug/L	<0.37	1.0	06/20/17 16:56	
Chloroform	ug/L	<2.5	5.0	06/20/17 16:56	
Chloromethane	ug/L	<0.50	1.0	06/20/17 16:56	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	06/20/17 16:56	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	06/20/17 16:56	
Dibromochloromethane	ug/L	<0.50	1.0	06/20/17 16:56	
Dibromomethane	ug/L	<0.43	1.0	06/20/17 16:56	
Dichlorodifluoromethane	ug/L	<0.22	1.0	06/20/17 16:56	
Diisopropyl ether	ug/L	<0.50	1.0	06/20/17 16:56	
Ethylbenzene	ug/L	<0.50	1.0	06/20/17 16:56	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: DUNRITE  
Pace Project No.: 40151759

METHOD BLANK: 1525952 Matrix: Water  
Associated Lab Samples: 40151759002, 40151759003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	06/20/17 16:56	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	06/20/17 16:56	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	06/20/17 16:56	
Methylene Chloride	ug/L	<0.23	1.0	06/20/17 16:56	
n-Butylbenzene	ug/L	<0.50	1.0	06/20/17 16:56	
n-Propylbenzene	ug/L	<0.50	1.0	06/20/17 16:56	
Naphthalene	ug/L	<2.5	5.0	06/20/17 16:56	
p-Isopropyltoluene	ug/L	<0.50	1.0	06/20/17 16:56	
sec-Butylbenzene	ug/L	<2.2	5.0	06/20/17 16:56	
Styrene	ug/L	<0.50	1.0	06/20/17 16:56	
tert-Butylbenzene	ug/L	<0.18	1.0	06/20/17 16:56	
Tetrachloroethene	ug/L	<0.50	1.0	06/20/17 16:56	
Toluene	ug/L	<0.50	1.0	06/20/17 16:56	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	06/20/17 16:56	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	06/20/17 16:56	
Trichloroethene	ug/L	<0.33	1.0	06/20/17 16:56	
Trichlorofluoromethane	ug/L	<0.18	1.0	06/20/17 16:56	
Vinyl chloride	ug/L	<0.18	1.0	06/20/17 16:56	
Xylene (Total)	ug/L	<1.5	3.0	06/20/17 16:56	
4-Bromofluorobenzene (S)	%	98	61-130	06/20/17 16:56	
Dibromofluoromethane (S)	%	107	67-130	06/20/17 16:56	
Toluene-d8 (S)	%	92	70-130	06/20/17 16:56	

LABORATORY CONTROL SAMPLE: 1525953

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	62.9	126	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	44.5	89	70-130	
1,1,2-Trichloroethane	ug/L	50	50.0	100	70-130	
1,1-Dichloroethane	ug/L	50	52.5	105	71-132	
1,1-Dichloroethene	ug/L	50	52.0	104	75-130	
1,2,4-Trichlorobenzene	ug/L	50	46.6	93	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	45.7	91	63-123	
1,2-Dibromoethane (EDB)	ug/L	50	52.0	104	70-130	
1,2-Dichlorobenzene	ug/L	50	50.1	100	70-130	
1,2-Dichloroethane	ug/L	50	56.9	114	70-131	
1,2-Dichloropropane	ug/L	50	53.0	106	80-120	
1,3-Dichlorobenzene	ug/L	50	49.7	99	70-130	
1,4-Dichlorobenzene	ug/L	50	51.0	102	70-130	
Benzene	ug/L	50	54.0	108	73-145	
Bromodichloromethane	ug/L	50	58.4	117	70-130	
Bromoform	ug/L	50	50.9	102	67-130	
Bromomethane	ug/L	50	29.7	59	26-128	
Carbon tetrachloride	ug/L	50	63.4	127	70-133	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: DUNRITE  
Pace Project No.: 40151759

LABORATORY CONTROL SAMPLE: 1525953

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chlorobenzene	ug/L	50	53.4	107	70-130	
Chloroethane	ug/L	50	47.6	95	58-120	
Chloroform	ug/L	50	57.7	115	80-121	
Chloromethane	ug/L	50	28.2	56	40-127	
cis-1,2-Dichloroethene	ug/L	50	54.9	110	70-130	
cis-1,3-Dichloropropene	ug/L	50	47.1	94	70-130	
Dibromochloromethane	ug/L	50	51.8	104	70-130	
Dichlorodifluoromethane	ug/L	50	25.8	52	20-135	
Ethylbenzene	ug/L	50	51.9	104	87-129	
Isopropylbenzene (Cumene)	ug/L	50	53.7	107	70-130	
Methyl-tert-butyl ether	ug/L	50	53.1	106	66-143	
Methylene Chloride	ug/L	50	52.6	105	70-130	
Styrene	ug/L	50	52.4	105	70-130	
Tetrachloroethene	ug/L	50	53.2	106	70-130	
Toluene	ug/L	50	51.3	103	82-130	
trans-1,2-Dichloroethene	ug/L	50	55.1	110	75-132	
trans-1,3-Dichloropropene	ug/L	50	44.7	89	70-130	
Trichloroethene	ug/L	50	57.0	114	70-130	
Trichlorofluoromethane	ug/L	50	60.9	122	76-133	
Vinyl chloride	ug/L	50	40.6	81	57-136	
Xylene (Total)	ug/L	150	161	108	70-130	
4-Bromofluorobenzene (S)	%			103	61-130	
Dibromofluoromethane (S)	%			105	67-130	
Toluene-d8 (S)	%			92	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1526437 1526438

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40151770007 Result	Spike Conc.	Spike Conc.	Result							
1,1,1-Trichloroethane	ug/L	20.8	50	50	91.1	87.6	141	134	70-134	4	20	M1
1,1,2,2-Tetrachloroethane	ug/L	<0.25	50	50	47.0	45.0	94	90	70-130	4	20	
1,1,2-Trichloroethane	ug/L	<0.20	50	50	51.4	49.7	103	99	70-130	3	20	
1,1-Dichloroethane	ug/L	21.3	50	50	78.3	75.1	114	108	71-133	4	20	
1,1-Dichloroethene	ug/L	6.1	50	50	65.7	63.3	119	114	75-136	4	20	
1,2,4-Trichlorobenzene	ug/L	<2.2	50	50	50.6	49.0	101	98	70-130	3	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	48.6	47.0	97	94	63-123	3	20	
1,2-Dibromoethane (EDB)	ug/L	<0.18	50	50	54.1	52.3	108	105	70-130	3	20	
1,2-Dichlorobenzene	ug/L	<0.50	50	50	52.3	50.5	105	101	70-130	4	20	
1,2-Dichloroethane	ug/L	<0.17	50	50	59.0	57.5	118	115	70-131	3	20	
1,2-Dichloropropane	ug/L	<0.23	50	50	54.7	52.7	109	105	80-120	4	20	
1,3-Dichlorobenzene	ug/L	<0.50	50	50	52.4	50.4	105	101	70-130	4	20	
1,4-Dichlorobenzene	ug/L	<0.50	50	50	52.9	51.6	106	103	70-130	2	20	
Benzene	ug/L	<0.50	50	50	57.5	55.4	115	111	73-145	4	20	
Bromodichloromethane	ug/L	<0.50	50	50	60.5	58.2	121	116	70-130	4	20	

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### QUALITY CONTROL DATA

Project: DUNRITE

Pace Project No.: 40151759

Parameter	Units	40151770007		1526437		1526438		% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec						
Bromoform	ug/L	<0.50	50	50	53.4	51.7	107	103	67-130	3	20		
Bromomethane	ug/L	<2.4	50	50	46.5	47.9	93	96	26-129	3	20		
Carbon tetrachloride	ug/L	<0.50	50	50	68.1	65.7	136	131	70-134	4	20	M1	
Chlorobenzene	ug/L	<0.50	50	50	55.5	53.3	111	107	70-130	4	20		
Chloroethane	ug/L	<0.37	50	50	57.6	55.5	115	111	58-120	4	20		
Chloroform	ug/L	<2.5	50	50	60.8	58.2	121	116	80-121	4	20		
Chloromethane	ug/L	<0.50	50	50	43.4	41.9	87	84	40-128	4	20		
cis-1,2-Dichloroethene	ug/L	24.8	50	50	95.4	75.3	141	101	70-130	24	20	M1, R1	
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	49.9	48.3	100	97	70-130	3	20		
Dibromochloromethane	ug/L	<0.50	50	50	54.1	52.0	108	104	70-130	4	20		
Dichlorodifluoromethane	ug/L	<0.22	50	50	66.6	64.1	133	128	20-146	4	20		
Ethylbenzene	ug/L	<0.50	50	50	54.1	52.5	108	105	87-129	3	20		
Isopropylbenzene (Cumene)	ug/L	<0.14	50	50	55.9	54.0	112	108	70-130	3	20		
Methyl-tert-butyl ether	ug/L	<0.17	50	50	57.5	54.6	115	109	66-143	5	20		
Methylene Chloride	ug/L	<0.23	50	50	56.5	54.5	113	109	70-130	4	20		
Styrene	ug/L	<0.50	50	50	54.5	52.7	109	105	70-130	3	20		
Tetrachloroethene	ug/L	42.7	50	50	102	97.4	118	109	70-130	4	20		
Toluene	ug/L	<0.50	50	50	52.9	51.2	106	102	82-131	3	20		
trans-1,2-Dichloroethene	ug/L	<0.26	50	50	59.9	58.1	119	116	75-135	3	20		
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	47.1	45.7	94	91	70-130	3	20		
Trichloroethene	ug/L	6.4	50	50	67.3	64.2	122	116	70-130	5	20		
Trichlorofluoromethane	ug/L	<0.18	50	50	71.6	68.6	143	137	76-150	4	20		
Vinyl chloride	ug/L	<0.18	50	50	57.2	54.5	114	109	56-143	5	20		
Xylene (Total)	ug/L	<1.5	150	150	168	162	112	108	70-130	3	20		
4-Bromofluorobenzene (S)	%						102	102	61-130				
Dibromofluoromethane (S)	%						107	107	67-130				
Toluene-d8 (S)	%						92	91	70-130				

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## QUALIFIERS

Project: DUNRITE  
Pace Project No.: 40151759

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

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

### ANALYTE QUALIFIERS

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

R1 RPD value was outside control limits.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: DUNRITE

Pace Project No.: 40151759

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40151759004	DRUM 1	EPA 8260	259259		
40151759005	DRUM 2	EPA 8260	259259		
40151759001	GP-11	EPA 8260	258955		
40151759002	GP-12	EPA 8260	258957		
40151759003	MWG-1	EPA 8260	258957		

### REPORT OF LABORATORY ANALYSIS

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(Please Print Clearly)

Company Name: Sand Creek Consultants  
 Branch/Location: Amherst, WI  
 Project Contact: Pete Arntsen  
 Phone: 715-824-5769  
 Project Number:  
 Project Name: Derrite  
 Project State: WI  
 Sampled By (Print): Lars Smith  
 Sampled By (Sign): Lars Smith  
 PO #:

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
001	GP-11	6/14/17	9:00	GW
002	GP-12	6/14/17	10:50	GW
003	mw6-1	6/14/17	9:55	GW
004	Drum 1	6/14/17	15:15	
005	Drum 2	6/14/17	15:00	



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

COC No. 40151759

### CHAIN OF CUSTODY

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

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

Y/N	Pick Letter	Analyses Requested																	
N	B																		
	A																		
		VOE																	
		TEL P VOE																	

**Quote #:**  
**Mail To Contact:** Pete Arntsen  
**Mail To Company:** Sand Creek Consultants  
**Mail To Address:** pete.arntsen@sand-creek.com  
**Invoice To Contact:** same as above  
**Invoice To Company:**  
**Invoice To Address:**  
**Invoice To Phone:**

CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
	3-40ml/B	
	↓	
	1-4020gA	
	↓	

Rush Turnaround Time Requested - Prelims  
 (Rush TAT subject to approval/surcharge)  
 Date Needed:  
 Transmit Prelim Rush Results by (complete what you want):  
 Email #1:  
 Email #2:  
 Telephone:  
 Fax:  
 Samples on HOLD are subject to special pricing and release of liability

Relinquished By: <i>Lars Smith</i>	Date/Time: 6/15/17 11:00am	Received By:	Date/Time:
Relinquished By: <i>Waltco</i>	Date/Time: 6/14/17 08:50	Received By: <i>Oliver Pace</i>	Date/Time: 6/14/17 08:50
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:

PACE Project No. 40151759  
 Receipt Temp = 20 °C  
 Sample Receipt pH OK / Adjusted  
 Cooler Custody Seal Present / Not Present Intact / Not Intact



# Sample Condition Upon Receipt

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

Client Name: SandCreek

Project #: **WO#: 40151759**

Courier:  Fed Ex  UPS  Client  Pace Other: Waltco

Tracking #: 1395134



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

Cooler Temperature Uncorr: \_\_\_\_\_ /Corr: 201 Biological Tissue is Frozen:  yes  no

Temp Blank Present:  yes  no

Person examining contents:  
Date: 6/16/17  
Initials: AP

Temp should be above freezing to 6°C.  
Biota Samples may be received at ≤ 0°C.

### Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input 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 <input type="checkbox"/> N/A	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	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>WIS</u>		
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13. <input type="checkbox"/> HNO3 <input type="checkbox"/> H2SO4 <input type="checkbox"/> NaOH <input type="checkbox"/> NaOH + ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
exceptions (VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER: _____)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Initial w en completed
		Lab Std #/ID of preservative
		Date/Time:
Headspace in VOA Vials (>6mm):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	14. 30% x vial lid not on tight <u>6/16/17</u>
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution: \_\_\_\_\_ If checked, see attached form for additional comments   
Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
Comments/ Resolution: \_\_\_\_\_

Project Manager Review: Review for bun Date: 6/16/17