



May 23, 2016

Ms. Haillie Passow  
Wisconsin Department of Natural Resources  
1300 W. Clairemont Avenue  
Eau Claire, WI 54701

RECEIVED  
MAY 25 2016  
DNR-WCR

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

**Subject: Groundwater Results**

Dear Ms. Passow:

The purpose of this letter is to summarize the results of groundwater samples collected at and near the above-referenced site in May 2016. 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**

Groundwater samples were collected from monitoring wells south of the Dun-Rite building including GP-9, GP-10, GP-11, GP-12, and MWG-1.

The samples were submitted to a laboratory and analyzed for VOCs.

#### **Sample Results**

Groundwater sample results are summarized on **Table 1**; sample locations are shown on **Figure 2**. Results for the most recent samples are included on the enclosed **laboratory report**.

The five groundwater samples each had detections of PCE exceeding the Chapter NR 140 Enforcement Standard (ES) of 5.0 micrograms per liter ( $\mu\text{g/l}$ ). The highest result was from GP-9, the monitoring well located furthest from the source area; the PCE concentration was 322  $\mu\text{g/l}$ . PCE concentrations decreased in three of five monitoring wells (GP-11, GP-12, and MWG-1) since the last monitoring event; two monitoring wells showed increased concentrations (GP-9 and GP-10). PCE results in the three wells between the Dun-Rite building (GP-10, GP-11, and GP-12) and GP-9 are all lower than GP-9 (211, 62, and 147  $\mu\text{g/L}$ , compared to 322 at GP-9).

None of the groundwater samples had detections of TCE exceeding the ES of 5.0 µg/l, though results from three of five monitoring wells exceeded the Chapter NR 140 Preventative Action Limit (PAL) of 0.5 µg/l. At each sample location, recent TCE concentrations were lower than those measured in 2015. This decrease was especially pronounced at MWG-1.

### Going Forward

Groundwater monitoring from monitoring wells at and near the Site will continue on a semiannual basis to evaluate the status of VOC concentrations in groundwater near the source area. The next groundwater sampling event is scheduled for November 2016.

The soil vapor extraction system at Dun-Rite continues to operate for 12 hours each day.

If you have any questions or would like to discuss the site, 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  
Project Manager/Senior Hydrologist

Enclosures: Figures 1 and 2  
Table 1  
Laboratory Report

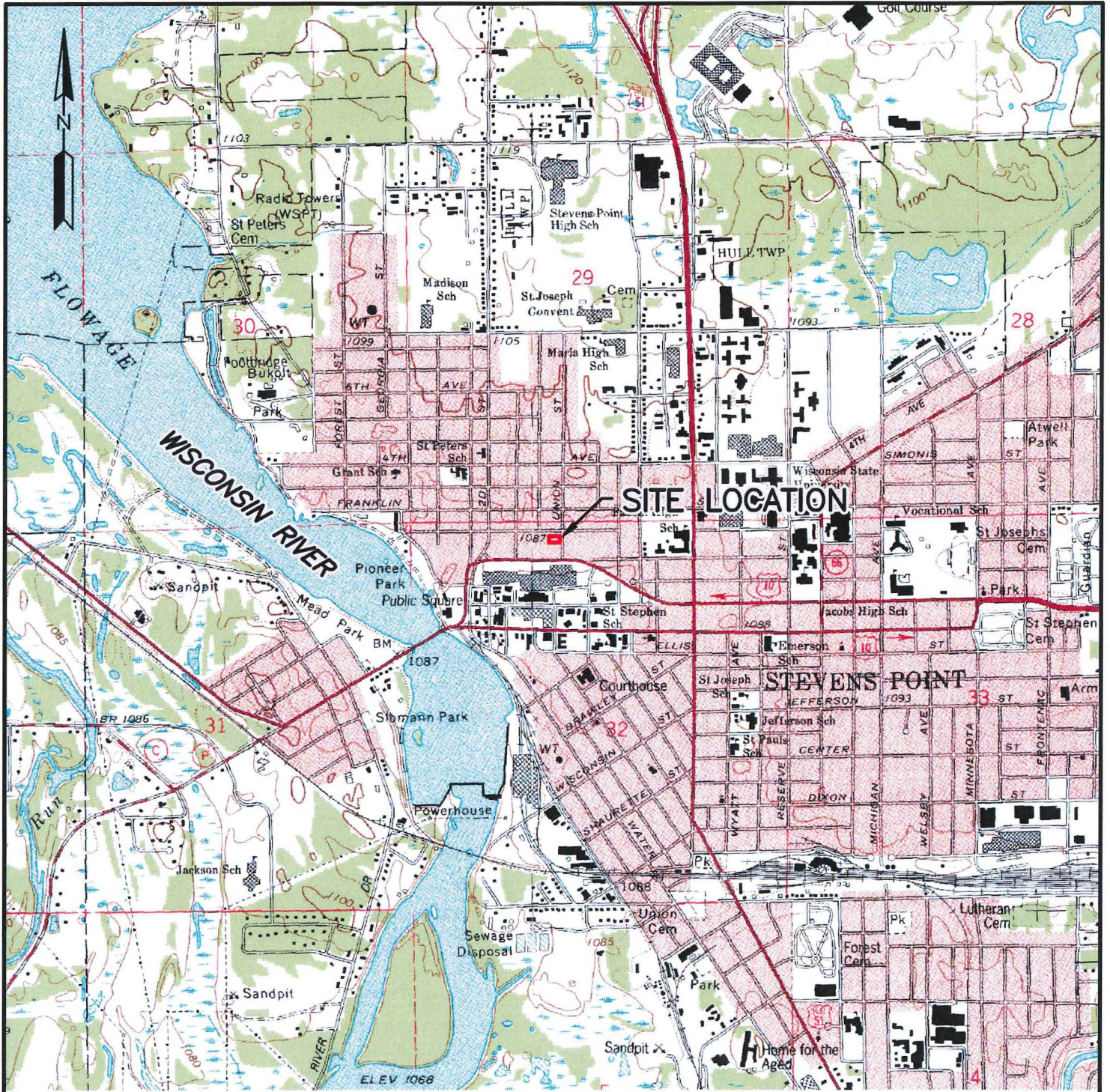
cc/enc: Mr. Ron Hanson/Dun-Rite Cleaners, via email only  
Mr. Michael Ostrowski/Stevens Point Community Development Authority, via email only  
Mr. Jim Guzman/Guzman Corporation, via email only  
Mr. Richard Lewandowski/Whyte Hirschboeck Dudek S.C., via email only

## Figures

Figure 1 General Site Location

Figure 2 PCE and TCE Concentrations - May 2016

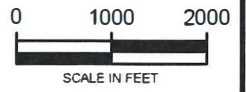




REFERENCE:  
USGS 7.5 MIN. S EVENS POINT, WISCONSIN  
TOPOGRAPHIC QUADRANGLE.



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**





**PCE AND TCE  
CONCENTRATIONS  
MAY 2016**



DUN-RITE CLEANERS  
1008 UNION STREET  
STEVENS POINT  
WISCONSIN

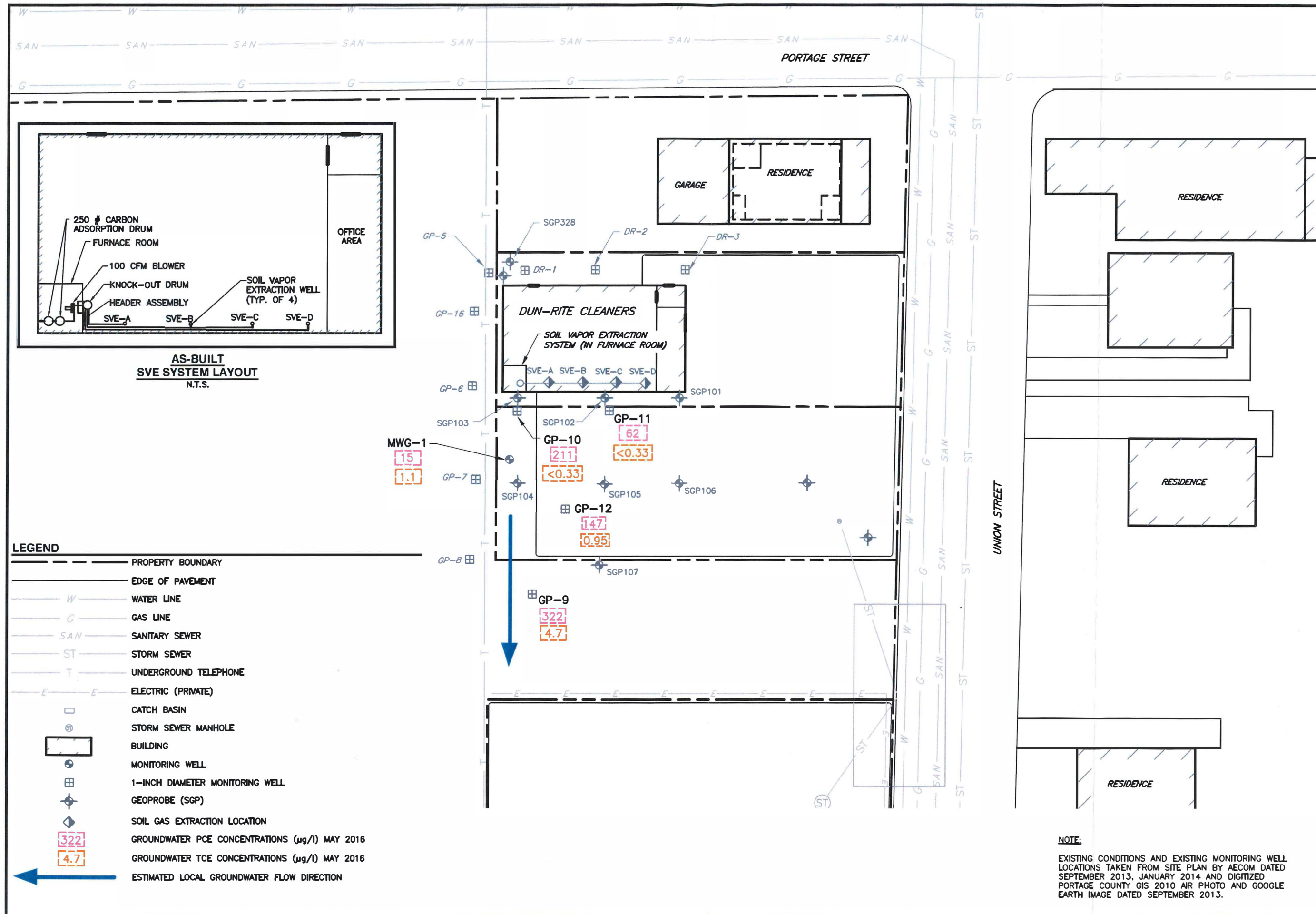
DATE: MAY 2016

SCALE: AS NOTED

DRAWN BY: KAP

APPROVED: NRB

**FIGURE 2**



**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 Groundwater Chemistry Results



**Table 1: Groundwater Chemistry Results (Monitoring Wells)  
Dun-Rite Cleaners, Stevens Point, WI**

Sample Location	Sample Date	Tetrachloroethene (µg/l)	Trichloroethene (µg/l)
PAL		0.5	0.5
ES		5.0	5.0
GP-4 <sup>A</sup>	7/19/2013	2.0	<0.43
	10/2/2013	0.9	<0.36
GP-5 <sup>A</sup>	7/19/2013	<0.47	<0.43
	10/2/2013	<0.47	<0.36
GP-6 <sup>A</sup>	7/19/2013	3.7	<0.43
	10/2/2013	2.2	<0.36
	12/13/2013	4.9	<0.36
GP-7 <sup>A</sup>	7/19/2013	8.0	<0.43
	10/2/2013	3.6	<0.36
	12/13/2013	2.4	<0.36
GP-8 <sup>A</sup>	7/19/2013	<0.47	<0.43
	10/2/2013	4.2	<0.36
	12/13/2013	3.7	<0.36
	9/23/2014	0.83 J	<0.33
GP-9 <sup>A</sup>	7/19/2013	295	7.4
	10/2/2013	655	12
	12/13/2013	745	14
	9/23/2014	279	7.4
	11/4/2015	223	6.4
	5/6/2016	322	4.7
GP-10 <sup>A</sup>	12/13/2013	331	1.9
	11/4/2015	77	2.7
	5/6/2016	211	<0.33
GP-11 <sup>A</sup>	12/13/2013	2570	<18.2
	11/4/2015	173	<1.3
	5/6/2016	62	<0.33
GP-12 <sup>A</sup>	12/13/2013	254	<1.8
	9/23/2014	487	2.2 J
	11/4/2015	364	1.8 J
	5/6/2016	147	0.95 J
MWG-1	11/4/2015	141	6.9
	5/6/2016	15	1.1

**Notes:**

12 *Italics* indicate exceedance of NR 140 Preventive Action Limit.

4.4 **Bold** indicates exceedance of NR 140 Enforcement Standard.

<0.45 = Substance not detected above indicated detection limit.

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 Report**





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

May 19, 2016

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

RE: Project: DUN-RITE  
Pace Project No.: 40132024

Dear Pete Arntsen:

Enclosed are the analytical results for sample(s) received by the laboratory on May 10, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI 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  
Project Manager

Enclosures



**REPORT OF LABORATORY ANALYSIS**

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



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

## CERTIFICATIONS

Project: DUN-RITE  
Pace Project No.: 40132024

---

### Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302  
Florida/NELAP Certification #: E87948  
Illinois Certification #: 200050  
Kentucky Certification #: 82  
Louisiana Certification #: 04168  
Minnesota Certification #: 055-999-334  
Virginia VELAP ID: 460263  
North Dakota Certification #: R-150

South Carolina Certification #: 83006001  
Texas Certification #: T104704529-14-1  
US Dept of Agriculture #: S-76505  
Virginia VELAP Certification ID: 460263  
Virginia VELAP ID: 460263  
Wisconsin Certification #: 405132750  
Wisconsin DATCP Certification #: 105-444

---

## REPORT OF LABORATORY ANALYSIS

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



### SAMPLE SUMMARY

Project: DUN-RITE  
Pace Project No.: 40132024

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40132024001	GP-11	Water	05/06/16 08:40	05/10/16 07:30
40132024002	GP-10	Water	05/06/16 08:50	05/10/16 07:30
40132024003	MWG-1	Water	05/06/16 09:10	05/10/16 07:30
40132024004	GP-12	Water	05/06/16 09:40	05/10/16 07:30
40132024005	GP-9	Water	05/06/16 11:15	05/10/16 07:30
40132024006	TRIP BLANK	Water	05/06/16 00:00	05/10/16 07:30

### REPORT OF LABORATORY ANALYSIS

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



### SAMPLE ANALYTE COUNT

Project: DUN-RITE  
Pace Project No.: 40132024

---

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40132024001	GP-11	EPA 8260	LAP	63
40132024002	GP-10	EPA 8260	LAP	63
40132024003	MWG-1	EPA 8260	LAP	63
40132024004	GP-12	EPA 8260	LAP	63
40132024005	GP-9	EPA 8260	LAP	63
40132024006	TRIP BLANK	EPA 8260	LAP	63

### REPORT OF LABORATORY ANALYSIS

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



### SUMMARY OF DETECTION

Project: DUN-RITE  
Pace Project No.: 40132024

Lab Sample ID	Client Sample ID	Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40132024001</b>	<b>GP-11</b>							
EPA 8260	Tetrachloroethene			61.5	ug/L	1.0	05/16/16 17:21	
<b>40132024002</b>	<b>GP-10</b>							
EPA 8260	Tetrachloroethene			211	ug/L	1.0	05/12/16 15:40	
<b>40132024003</b>	<b>MWG-1</b>							
EPA 8260	Tetrachloroethene			15.3	ug/L	1.0	05/12/16 16:02	
EPA 8260	Trichloroethene			1.1	ug/L	1.0	05/12/16 16:02	
<b>40132024004</b>	<b>GP-12</b>							
EPA 8260	Tetrachloroethene			147	ug/L	1.0	05/16/16 17:44	
EPA 8260	Trichloroethene			0.95J	ug/L	1.0	05/16/16 17:44	
<b>40132024005</b>	<b>GP-9</b>							
EPA 8260	Tetrachloroethene			322	ug/L	2.0	05/12/16 16:23	
EPA 8260	Trichloroethene			4.7	ug/L	2.0	05/12/16 16:23	

### REPORT OF LABORATORY ANALYSIS

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



### ANALYTICAL RESULTS

Project: DUN-RITE  
 Pace Project No.: 40132024

Sample: GP-11 Lab ID: 40132024001 Collected: 05/06/16 08:40 Received: 05/10/16 07:30 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		05/16/16 17:21	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/16/16 17:21	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/16/16 17:21	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/16/16 17:21	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/16/16 17:21	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/16/16 17:21	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/16/16 17:21	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/16/16 17:21	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/16/16 17:21	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/16/16 17:21	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/16/16 17:21	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/16/16 17:21	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/16/16 17:21	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/16/16 17:21	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/16/16 17:21	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/16/16 17:21	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/16/16 17:21	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/16/16 17:21	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/16/16 17:21	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/16/16 17:21	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/16/16 17:21	594-20-7	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/16/16 17:21	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/16/16 17:21	106-43-4	
Benzene	<0.50	ug/L	1.0	0.50	1		05/16/16 17:21	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/16/16 17:21	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/16/16 17:21	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/16/16 17:21	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/16/16 17:21	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/16/16 17:21	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/16/16 17:21	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/16/16 17:21	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/16/16 17:21	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/16/16 17:21	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/16/16 17:21	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/16/16 17:21	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/16/16 17:21	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/16/16 17:21	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/16/16 17:21	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/16/16 17:21	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/16/16 17:21	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/16/16 17:21	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/16/16 17:21	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/16/16 17:21	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/16/16 17:21	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/16/16 17:21	100-42-5	
<b>Tetrachloroethene</b>	<b>61.5</b>	<b>ug/L</b>	1.0	0.50	1		05/16/16 17:21	127-18-4	

### REPORT OF LABORATORY ANALYSIS

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



### ANALYTICAL RESULTS

Project: DUN-RITE  
Pace Project No.: 40132024

Sample: GP-11      Lab ID: 40132024001      Collected: 05/06/16 08:40      Received: 05/10/16 07:30      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		05/16/16 17:21	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/16/16 17:21	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/16/16 17:21	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/16/16 17:21	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/16/16 17:21	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/16/16 17:21	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/16/16 17:21	10061-01-5	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/16/16 17:21	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/16/16 17:21	103-65-1	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/16/16 17:21	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/16/16 17:21	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/16/16 17:21	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/16/16 17:21	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/16/16 17:21	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	85	%	70-130		1		05/16/16 17:21	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		05/16/16 17:21	1868-53-7	
Toluene-d8 (S)	92	%	70-130		1		05/16/16 17:21	2037-26-5	

### REPORT OF LABORATORY ANALYSIS

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



### ANALYTICAL RESULTS

Project: DUN-RITE  
 Pace Project No.: 40132024

Sample: GP-10      Lab ID: 40132024002      Collected: 05/06/16 08:50      Received: 05/10/16 07:30      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV      Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/12/16 15:40	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/12/16 15:40	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/12/16 15:40	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/12/16 15:40	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/12/16 15:40	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/12/16 15:40	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/12/16 15:40	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/12/16 15:40	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/12/16 15:40	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/12/16 15:40	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/12/16 15:40	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/12/16 15:40	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/12/16 15:40	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/12/16 15:40	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/12/16 15:40	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/12/16 15:40	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/12/16 15:40	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/12/16 15:40	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/12/16 15:40	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/12/16 15:40	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/12/16 15:40	594-20-7	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/12/16 15:40	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/12/16 15:40	106-43-4	
Benzene	<0.50	ug/L	1.0	0.50	1		05/12/16 15:40	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/12/16 15:40	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/12/16 15:40	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/12/16 15:40	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/12/16 15:40	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/12/16 15:40	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/12/16 15:40	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/12/16 15:40	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/12/16 15:40	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/12/16 15:40	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/12/16 15:40	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/12/16 15:40	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/12/16 15:40	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/12/16 15:40	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/12/16 15:40	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/12/16 15:40	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/12/16 15:40	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/12/16 15:40	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/12/16 15:40	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/12/16 15:40	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/12/16 15:40	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/12/16 15:40	100-42-5	
<b>Tetrachloroethene</b>	<b>211</b>	<b>ug/L</b>	1.0	0.50	1		05/12/16 15:40	127-18-4	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: DUN-RITE  
Pace Project No.: 40132024

Sample: GP-10 Lab ID: 40132024002 Collected: 05/06/16 08:50 Received: 05/10/16 07:30 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		05/12/16 15:40	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/12/16 15:40	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/12/16 15:40	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/12/16 15:40	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/12/16 15:40	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/12/16 15:40	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/12/16 15:40	10061-01-5	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/12/16 15:40	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/12/16 15:40	103-65-1	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/12/16 15:40	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/12/16 15:40	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/12/16 15:40	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/12/16 15:40	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/12/16 15:40	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	70-130		1		05/12/16 15:40	460-00-4	
Dibromofluoromethane (S)	95	%	70-130		1		05/12/16 15:40	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		05/12/16 15:40	2037-26-5	

### REPORT OF LABORATORY ANALYSIS

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





### ANALYTICAL RESULTS

Project: DUN-RITE  
 Pace Project No.: 40132024

Sample: MWG-1      Lab ID: 40132024003      Collected: 05/06/16 09:10      Received: 05/10/16 07:30      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		05/12/16 16:02	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/12/16 16:02	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/12/16 16:02	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/12/16 16:02	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/12/16 16:02	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/12/16 16:02	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/12/16 16:02	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/12/16 16:02	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/12/16 16:02	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/12/16 16:02	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/12/16 16:02	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/12/16 16:02	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/12/16 16:02	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/12/16 16:02	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/12/16 16:02	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/12/16 16:02	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/12/16 16:02	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/12/16 16:02	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/12/16 16:02	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/12/16 16:02	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/12/16 16:02	594-20-7	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/12/16 16:02	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/12/16 16:02	106-43-4	
Benzene	<0.50	ug/L	1.0	0.50	1		05/12/16 16:02	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/12/16 16:02	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/12/16 16:02	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/12/16 16:02	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/12/16 16:02	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/12/16 16:02	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/12/16 16:02	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/12/16 16:02	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/12/16 16:02	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/12/16 16:02	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/12/16 16:02	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/12/16 16:02	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/12/16 16:02	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/12/16 16:02	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/12/16 16:02	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/12/16 16:02	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/12/16 16:02	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/12/16 16:02	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/12/16 16:02	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/12/16 16:02	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/12/16 16:02	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/12/16 16:02	100-42-5	
<b>Tetrachloroethene</b>	<b>15.3</b>	<b>ug/L</b>	1.0	0.50	1		05/12/16 16:02	127-18-4	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: DUN-RITE  
Pace Project No.: 40132024

Sample: MWG-1 Lab ID: 40132024003 Collected: 05/06/16 09:10 Received: 05/10/16 07:30 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		05/12/16 16:02	108-88-3	
Trichloroethene	1.1	ug/L	1.0	0.33	1		05/12/16 16:02	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/12/16 16:02	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/12/16 16:02	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/12/16 16:02	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/12/16 16:02	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/12/16 16:02	10061-01-5	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/12/16 16:02	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/12/16 16:02	103-65-1	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/12/16 16:02	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/12/16 16:02	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/12/16 16:02	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/12/16 16:02	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/12/16 16:02	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	95	%	70-130		1		05/12/16 16:02	460-00-4	
Dibromofluoromethane (S)	90	%	70-130		1		05/12/16 16:02	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		05/12/16 16:02	2037-26-5	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: DUN-RITE  
Pace Project No.: 40132024

Sample: GP-12 Lab ID: 40132024004 Collected: 05/06/16 09:40 Received: 05/10/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		05/16/16 17:44	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/16/16 17:44	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/16/16 17:44	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/16/16 17:44	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/16/16 17:44	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/16/16 17:44	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/16/16 17:44	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/16/16 17:44	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/16/16 17:44	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/16/16 17:44	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/16/16 17:44	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/16/16 17:44	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/16/16 17:44	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/16/16 17:44	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/16/16 17:44	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/16/16 17:44	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/16/16 17:44	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/16/16 17:44	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/16/16 17:44	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/16/16 17:44	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/16/16 17:44	594-20-7	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/16/16 17:44	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/16/16 17:44	106-43-4	
Benzene	<0.50	ug/L	1.0	0.50	1		05/16/16 17:44	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/16/16 17:44	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/16/16 17:44	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/16/16 17:44	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/16/16 17:44	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/16/16 17:44	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/16/16 17:44	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/16/16 17:44	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/16/16 17:44	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/16/16 17:44	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/16/16 17:44	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/16/16 17:44	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/16/16 17:44	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/16/16 17:44	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/16/16 17:44	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/16/16 17:44	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/16/16 17:44	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/16/16 17:44	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/16/16 17:44	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/16/16 17:44	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/16/16 17:44	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/16/16 17:44	100-42-5	
<b>Tetrachloroethene</b>	<b>147</b>	<b>ug/L</b>	1.0	0.50	1		05/16/16 17:44	127-18-4	

### REPORT OF LABORATORY ANALYSIS

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



### ANALYTICAL RESULTS

Project: DUN-RITE  
Pace Project No.: 40132024

Sample: GP-12 Lab ID: 40132024004 Collected: 05/06/16 09:40 Received: 05/10/16 07:30 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		05/16/16 17:44	108-88-3	
Trichloroethene	0.95J	ug/L	1.0	0.33	1		05/16/16 17:44	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/16/16 17:44	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/16/16 17:44	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/16/16 17:44	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/16/16 17:44	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/16/16 17:44	10061-01-5	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/16/16 17:44	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/16/16 17:44	103-65-1	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/16/16 17:44	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/16/16 17:44	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/16/16 17:44	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/16/16 17:44	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/16/16 17:44	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	84	%	70-130		1		05/16/16 17:44	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		05/16/16 17:44	1868-53-7	
Toluene-d8 (S)	90	%	70-130		1		05/16/16 17:44	2037-26-5	

### REPORT OF LABORATORY ANALYSIS

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



**ANALYTICAL RESULTS**

Project: DUN-RITE  
 Pace Project No.: 40132024

Sample: GP-9 Lab ID: 40132024005 Collected: 05/06/16 11:15 Received: 05/10/16 07:30 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	<0.36	ug/L	2.0	0.36	2		05/12/16 16:23	630-20-6	
1,1,1-Trichloroethane	<1.0	ug/L	2.0	1.0	2		05/12/16 16:23	71-55-6	
1,1,2,2-Tetrachloroethane	<0.50	ug/L	2.0	0.50	2		05/12/16 16:23	79-34-5	
1,1,2-Trichloroethane	<0.39	ug/L	2.0	0.39	2		05/12/16 16:23	79-00-5	
1,1-Dichloroethane	<0.48	ug/L	2.0	0.48	2		05/12/16 16:23	75-34-3	
1,1-Dichloroethene	<0.82	ug/L	2.0	0.82	2		05/12/16 16:23	75-35-4	
1,1-Dichloropropene	<0.88	ug/L	2.0	0.88	2		05/12/16 16:23	563-58-6	
1,2,3-Trichlorobenzene	<4.3	ug/L	10.0	4.3	2		05/12/16 16:23	87-61-6	
1,2,3-Trichloropropane	<1.0	ug/L	2.0	1.0	2		05/12/16 16:23	96-18-4	
1,2,4-Trichlorobenzene	<4.4	ug/L	10.0	4.4	2		05/12/16 16:23	120-82-1	
1,2,4-Trimethylbenzene	<1.0	ug/L	2.0	1.0	2		05/12/16 16:23	95-63-6	
1,2-Dibromo-3-chloropropane	<4.3	ug/L	10.0	4.3	2		05/12/16 16:23	96-12-8	
1,2-Dibromoethane (EDB)	<0.36	ug/L	2.0	0.36	2		05/12/16 16:23	106-93-4	
1,2-Dichlorobenzene	<1.0	ug/L	2.0	1.0	2		05/12/16 16:23	95-50-1	
1,2-Dichloroethane	<0.34	ug/L	2.0	0.34	2		05/12/16 16:23	107-06-2	
1,2-Dichloropropane	<0.47	ug/L	2.0	0.47	2		05/12/16 16:23	78-87-5	
1,3,5-Trimethylbenzene	<1.0	ug/L	2.0	1.0	2		05/12/16 16:23	108-67-8	
1,3-Dichlorobenzene	<1.0	ug/L	2.0	1.0	2		05/12/16 16:23	541-73-1	
1,3-Dichloropropane	<1.0	ug/L	2.0	1.0	2		05/12/16 16:23	142-28-9	
1,4-Dichlorobenzene	<1.0	ug/L	2.0	1.0	2		05/12/16 16:23	106-46-7	
2,2-Dichloropropane	<0.97	ug/L	2.0	0.97	2		05/12/16 16:23	594-20-7	
2-Chlorotoluene	<1.0	ug/L	2.0	1.0	2		05/12/16 16:23	95-49-8	
4-Chlorotoluene	<0.43	ug/L	2.0	0.43	2		05/12/16 16:23	106-43-4	
Benzene	<1.0	ug/L	2.0	1.0	2		05/12/16 16:23	71-43-2	
Bromobenzene	<0.46	ug/L	2.0	0.46	2		05/12/16 16:23	108-86-1	
Bromochloromethane	<0.68	ug/L	2.0	0.68	2		05/12/16 16:23	74-97-5	
Bromodichloromethane	<1.0	ug/L	2.0	1.0	2		05/12/16 16:23	75-27-4	
Bromoform	<1.0	ug/L	2.0	1.0	2		05/12/16 16:23	75-25-2	
Bromomethane	<4.9	ug/L	10.0	4.9	2		05/12/16 16:23	74-83-9	
Carbon tetrachloride	<1.0	ug/L	2.0	1.0	2		05/12/16 16:23	56-23-5	
Chlorobenzene	<1.0	ug/L	2.0	1.0	2		05/12/16 16:23	108-90-7	
Chloroethane	<0.75	ug/L	2.0	0.75	2		05/12/16 16:23	75-00-3	
Chloroform	<5.0	ug/L	10.0	5.0	2		05/12/16 16:23	67-66-3	
Chloromethane	<1.0	ug/L	2.0	1.0	2		05/12/16 16:23	74-87-3	
Dibromochloromethane	<1.0	ug/L	2.0	1.0	2		05/12/16 16:23	124-48-1	
Dibromomethane	<0.85	ug/L	2.0	0.85	2		05/12/16 16:23	74-95-3	
Dichlorodifluoromethane	<0.45	ug/L	2.0	0.45	2		05/12/16 16:23	75-71-8	
Diisopropyl ether	<1.0	ug/L	2.0	1.0	2		05/12/16 16:23	108-20-3	
Ethylbenzene	<1.0	ug/L	2.0	1.0	2		05/12/16 16:23	100-41-4	
Hexachloro-1,3-butadiene	<4.2	ug/L	10.0	4.2	2		05/12/16 16:23	87-68-3	
Isopropylbenzene (Cumene)	<0.29	ug/L	2.0	0.29	2		05/12/16 16:23	98-82-8	
Methyl-tert-butyl ether	<0.35	ug/L	2.0	0.35	2		05/12/16 16:23	1634-04-4	
Methylene Chloride	<0.47	ug/L	2.0	0.47	2		05/12/16 16:23	75-09-2	
Naphthalene	<5.0	ug/L	10.0	5.0	2		05/12/16 16:23	91-20-3	
Styrene	<1.0	ug/L	2.0	1.0	2		05/12/16 16:23	100-42-5	
<b>Tetrachloroethene</b>	<b>322</b>	<b>ug/L</b>	2.0	1.0	2		05/12/16 16:23	127-18-4	

**REPORT OF LABORATORY ANALYSIS**

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

### ANALYTICAL RESULTS

Project: DUN-RITE  
Pace Project No.: 40132024

Sample: GP-9 Lab ID: 40132024005 Collected: 05/06/16 11:15 Received: 05/10/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Toluene	<1.0	ug/L	2.0	1.0	2		05/12/16 16:23	108-88-3	
Trichloroethene	4.7	ug/L	2.0	0.66	2		05/12/16 16:23	79-01-6	
Trichlorofluoromethane	<0.37	ug/L	2.0	0.37	2		05/12/16 16:23	75-69-4	
Vinyl chloride	<0.35	ug/L	2.0	0.35	2		05/12/16 16:23	75-01-4	
Xylene (Total)	<3.0	ug/L	6.0	3.0	2		05/12/16 16:23	1330-20-7	
cis-1,2-Dichloroethene	<0.51	ug/L	2.0	0.51	2		05/12/16 16:23	156-59-2	
cis-1,3-Dichloropropene	<1.0	ug/L	2.0	1.0	2		05/12/16 16:23	10061-01-5	
n-Butylbenzene	<1.0	ug/L	2.0	1.0	2		05/12/16 16:23	104-51-8	
n-Propylbenzene	<1.0	ug/L	2.0	1.0	2		05/12/16 16:23	103-65-1	
p-Isopropyltoluene	<1.0	ug/L	2.0	1.0	2		05/12/16 16:23	99-87-6	
sec-Butylbenzene	<4.4	ug/L	10.0	4.4	2		05/12/16 16:23	135-98-8	
tert-Butylbenzene	<0.36	ug/L	2.0	0.36	2		05/12/16 16:23	98-06-6	
trans-1,2-Dichloroethene	<0.51	ug/L	2.0	0.51	2		05/12/16 16:23	156-60-5	
trans-1,3-Dichloropropene	<0.46	ug/L	2.0	0.46	2		05/12/16 16:23	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	91	%	70-130		2		05/12/16 16:23	460-00-4	
Dibromofluoromethane (S)	90	%	70-130		2		05/12/16 16:23	1868-53-7	
Toluene-d8 (S)	99	%	70-130		2		05/12/16 16:23	2037-26-5	

### REPORT OF LABORATORY ANALYSIS

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





### ANALYTICAL RESULTS

Project: DUN-RITE  
 Pace Project No.: 40132024

Sample: TRIP BLANK Lab ID: 40132024006 Collected: 05/06/16 00:00 Received: 05/10/16 07:30 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		05/12/16 14:34	630-20-6	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		05/12/16 14:34	71-55-6	
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		05/12/16 14:34	79-34-5	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		05/12/16 14:34	79-00-5	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		05/12/16 14:34	75-34-3	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		05/12/16 14:34	75-35-4	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		05/12/16 14:34	563-58-6	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		05/12/16 14:34	87-61-6	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		05/12/16 14:34	96-18-4	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		05/12/16 14:34	120-82-1	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/12/16 14:34	95-63-6	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		05/12/16 14:34	96-12-8	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		05/12/16 14:34	106-93-4	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/12/16 14:34	95-50-1	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		05/12/16 14:34	107-06-2	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		05/12/16 14:34	78-87-5	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		05/12/16 14:34	108-67-8	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/12/16 14:34	541-73-1	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		05/12/16 14:34	142-28-9	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		05/12/16 14:34	106-46-7	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		05/12/16 14:34	594-20-7	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		05/12/16 14:34	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		05/12/16 14:34	106-43-4	
Benzene	<0.50	ug/L	1.0	0.50	1		05/12/16 14:34	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		05/12/16 14:34	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		05/12/16 14:34	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		05/12/16 14:34	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		05/12/16 14:34	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		05/12/16 14:34	74-83-9	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		05/12/16 14:34	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		05/12/16 14:34	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		05/12/16 14:34	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		05/12/16 14:34	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		05/12/16 14:34	74-87-3	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		05/12/16 14:34	124-48-1	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		05/12/16 14:34	74-95-3	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		05/12/16 14:34	75-71-8	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		05/12/16 14:34	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		05/12/16 14:34	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		05/12/16 14:34	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		05/12/16 14:34	98-82-8	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		05/12/16 14:34	1634-04-4	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		05/12/16 14:34	75-09-2	
Naphthalene	<2.5	ug/L	5.0	2.5	1		05/12/16 14:34	91-20-3	
Styrene	<0.50	ug/L	1.0	0.50	1		05/12/16 14:34	100-42-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		05/12/16 14:34	127-18-4	

### REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: DUN-RITE  
Pace Project No.: 40132024

**Sample:** TRIP BLANK      **Lab ID:** 40132024006      **Collected:** 05/06/16 00:00      **Received:** 05/10/16 07:30      **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		05/12/16 14:34	108-88-3	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		05/12/16 14:34	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		05/12/16 14:34	75-69-4	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		05/12/16 14:34	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/12/16 14:34	1330-20-7	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/12/16 14:34	156-59-2	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		05/12/16 14:34	10061-01-5	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		05/12/16 14:34	104-51-8	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		05/12/16 14:34	103-65-1	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		05/12/16 14:34	99-87-6	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		05/12/16 14:34	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		05/12/16 14:34	98-06-6	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		05/12/16 14:34	156-60-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		05/12/16 14:34	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	70-130		1		05/12/16 14:34	460-00-4	
Dibromofluoromethane (S)	93	%	70-130		1		05/12/16 14:34	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		05/12/16 14:34	2037-26-5	

## REPORT OF LABORATORY ANALYSIS

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



**QUALITY CONTROL DATA**

Project: DUN-RITE  
 Pace Project No.: 40132024

QC Batch: MSV/33402      Analysis Method: EPA8260  
 QC Batch Method: EPA 8260      Analysis Description: 8260 MSV  
 Associated Lab Samples: 40132024002, 40132024003, 40132024005, 40132024006

METHOD BLANK: 1333063      Matrix: Water  
 Associated Lab Samples: 40132024002, 40132024003, 40132024005, 40132024006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	05/12/16 07:17	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	05/12/16 07:17	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	05/12/16 07:17	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	05/12/16 07:17	
1,1-Dichloroethane	ug/L	<0.24	1.0	05/12/16 07:17	
1,1-Dichloroethene	ug/L	<0.41	1.0	05/12/16 07:17	
1,1-Dichloropropene	ug/L	<0.44	1.0	05/12/16 07:17	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	05/12/16 07:17	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	05/12/16 07:17	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	05/12/16 07:17	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	05/12/16 07:17	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	05/12/16 07:17	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	05/12/16 07:17	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	05/12/16 07:17	
1,2-Dichloroethane	ug/L	<0.17	1.0	05/12/16 07:17	
1,2-Dichloropropane	ug/L	<0.23	1.0	05/12/16 07:17	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	05/12/16 07:17	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	05/12/16 07:17	
1,3-Dichloropropane	ug/L	<0.50	1.0	05/12/16 07:17	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	05/12/16 07:17	
2,2-Dichloropropane	ug/L	<0.48	1.0	05/12/16 07:17	
2-Chlorotoluene	ug/L	<0.50	1.0	05/12/16 07:17	
4-Chlorotoluene	ug/L	<0.21	1.0	05/12/16 07:17	
Benzene	ug/L	<0.50	1.0	05/12/16 07:17	
Bromobenzene	ug/L	<0.23	1.0	05/12/16 07:17	
Bromochloromethane	ug/L	<0.34	1.0	05/12/16 07:17	
Bromodichloromethane	ug/L	<0.50	1.0	05/12/16 07:17	
Bromoform	ug/L	<0.50	1.0	05/12/16 07:17	
Bromomethane	ug/L	<2.4	5.0	05/12/16 07:17	
Carbon tetrachloride	ug/L	<0.50	1.0	05/12/16 07:17	
Chlorobenzene	ug/L	<0.50	1.0	05/12/16 07:17	
Chloroethane	ug/L	<0.37	1.0	05/12/16 07:17	
Chloroform	ug/L	<2.5	5.0	05/12/16 07:17	
Chloromethane	ug/L	<0.50	1.0	05/12/16 07:17	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	05/12/16 07:17	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	05/12/16 07:17	
Dibromochloromethane	ug/L	<0.50	1.0	05/12/16 07:17	
Dibromomethane	ug/L	<0.43	1.0	05/12/16 07:17	
Dichlorodifluoromethane	ug/L	<0.22	1.0	05/12/16 07:17	
Diisopropyl ether	ug/L	<0.50	1.0	05/12/16 07:17	
Ethylbenzene	ug/L	<0.50	1.0	05/12/16 07:17	

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

**REPORT OF LABORATORY ANALYSIS**

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



### QUALITY CONTROL DATA

Project: DUN-RITE  
Pace Project No.: 40132024

METHOD BLANK: 1333063 Matrix: Water  
Associated Lab Samples: 40132024002, 40132024003, 40132024005, 40132024006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	05/12/16 07:17	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	05/12/16 07:17	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	05/12/16 07:17	
Methylene Chloride	ug/L	<0.23	1.0	05/12/16 07:17	
n-Butylbenzene	ug/L	<0.50	1.0	05/12/16 07:17	
n-Propylbenzene	ug/L	<0.50	1.0	05/12/16 07:17	
Naphthalene	ug/L	<2.5	5.0	05/12/16 07:17	
p-Isopropyltoluene	ug/L	<0.50	1.0	05/12/16 07:17	
sec-Butylbenzene	ug/L	<2.2	5.0	05/12/16 07:17	
Styrene	ug/L	<0.50	1.0	05/12/16 07:17	
tert-Butylbenzene	ug/L	<0.18	1.0	05/12/16 07:17	
Tetrachloroethene	ug/L	<0.50	1.0	05/12/16 07:17	
Toluene	ug/L	<0.50	1.0	05/12/16 07:17	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	05/12/16 07:17	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	05/12/16 07:17	
Trichloroethene	ug/L	<0.33	1.0	05/12/16 07:17	
Trichlorofluoromethane	ug/L	<0.18	1.0	05/12/16 07:17	
Vinyl chloride	ug/L	<0.18	1.0	05/12/16 07:17	
Xylene (Total)	ug/L	<1.5	3.0	05/12/16 07:17	
4-Bromofluorobenzene (S)	%	96	70-130	05/12/16 07:17	
Dibromofluoromethane (S)	%	92	70-130	05/12/16 07:17	
Toluene-d8 (S)	%	101	70-130	05/12/16 07:17	

LABORATORY CONTROL SAMPLE: 1333064

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	43.1	86	70-131	
1,1,1,2-Tetrachloroethane	ug/L	50	48.1	96	67-130	
1,1,2-Trichloroethane	ug/L	50	51.4	103	70-130	
1,1-Dichloroethane	ug/L	50	53.1	106	70-133	
1,1-Dichloroethene	ug/L	50	49.5	99	70-130	
1,2,4-Trichlorobenzene	ug/L	50	46.2	92	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	45.2	90	50-150	
1,2-Dibromoethane (EDB)	ug/L	50	49.5	99	70-130	
1,2-Dichlorobenzene	ug/L	50	49.7	99	70-130	
1,2-Dichloroethane	ug/L	50	43.8	88	70-130	
1,2-Dichloropropane	ug/L	50	58.7	117	70-130	
1,3-Dichlorobenzene	ug/L	50	53.5	107	70-130	
1,4-Dichlorobenzene	ug/L	50	49.1	98	70-130	
Benzene	ug/L	50	50.9	102	60-135	
Bromodichloromethane	ug/L	50	47.7	95	70-130	
Bromoform	ug/L	50	42.4	85	70-130	
Bromomethane	ug/L	50	32.5	65	33-130	
Carbon tetrachloride	ug/L	50	44.7	89	70-138	

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

### REPORT OF LABORATORY ANALYSIS

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



**QUALITY CONTROL DATA**

Project: DUN-RITE  
 Pace Project No.: 40132024

LABORATORY CONTROL SAMPLE: 1333064

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chlorobenzene	ug/L	50	51.1	102	70-130	
Chloroethane	ug/L	50	58.2	116	51-130	
Chloroform	ug/L	50	48.2	96	70-130	
Chloromethane	ug/L	50	46.4	93	25-132	
cis-1,2-Dichloroethene	ug/L	50	48.1	96	69-130	
cis-1,3-Dichloropropene	ug/L	50	49.6	99	70-130	
Dibromochloromethane	ug/L	50	46.8	94	70-130	
Dichlorodifluoromethane	ug/L	50	38.1	76	23-130	
Ethylbenzene	ug/L	50	51.6	103	70-136	
Isopropylbenzene (Cumene)	ug/L	50	53.2	106	70-140	
Methyl-tert-butyl ether	ug/L	50	47.7	95	66-138	
Methylene Chloride	ug/L	50	48.6	97	70-130	
Styrene	ug/L	50	52.1	104	70-133	
Tetrachloroethene	ug/L	50	51.9	104	70-138	
Toluene	ug/L	50	52.1	104	70-130	
trans-1,2-Dichloroethene	ug/L	50	51.5	103	70-131	
trans-1,3-Dichloropropene	ug/L	50	46.7	93	69-130	
Trichloroethene	ug/L	50	49.8	100	70-130	
Trichlorofluoromethane	ug/L	50	44.7	89	50-150	
Vinyl chloride	ug/L	50	54.1	108	49-130	
Xylene (Total)	ug/L	150	155	103	70-135	
4-Bromofluorobenzene (S)	%			98	70-130	
Dibromofluoromethane (S)	%			94	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1334080 1334081

Parameter	Units	40132040001		MS	MSD	MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec				
1,1,1-Trichloroethane	ug/L	<1.0	50	50	42.9	42.2	86	84	84	70-134	2	20	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	50	50	51.1	48.9	102	98	98	67-130	4	20	
1,1,2-Trichloroethane	ug/L	<1.0	50	50	49.5	48.6	99	97	97	70-130	2	20	
1,1-Dichloroethane	ug/L	<1.0	50	50	48.9	50.7	98	101	101	70-134	4	20	
1,1-Dichloroethene	ug/L	<1.0	50	50	48.3	48.7	97	97	97	68-136	1	20	
1,2,4-Trichlorobenzene	ug/L	<5.0	50	50	45.9	45.9	92	92	92	62-139	0	20	
1,2-Dibromo-3-chloropropane	ug/L	<5.0	50	50	45.5	40.3	91	81	81	50-150	12	20	
1,2-Dibromoethane (EDB)	ug/L	<1.0	50	50	47.3	48.3	95	97	97	70-130	2	20	
1,2-Dichlorobenzene	ug/L	<1.0	50	50	49.2	48.6	98	97	97	70-130	1	20	
1,2-Dichloroethane	ug/L	<1.0	50	50	43.6	43.8	87	88	88	70-130	1	20	
1,2-Dichloropropane	ug/L	<1.0	50	50	54.0	53.9	108	108	108	70-130	0	20	
1,3-Dichlorobenzene	ug/L	<1.0	50	50	54.8	53.1	110	106	106	70-131	3	20	
1,4-Dichlorobenzene	ug/L	<1.0	50	50	49.4	49.1	99	98	98	70-130	1	20	
Benzene	ug/L	<1.0	50	50	49.5	51.0	99	102	102	57-138	3	20	
Bromodichloromethane	ug/L	<1.0	50	50	45.9	45.0	92	90	90	70-130	2	20	

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

**REPORT OF LABORATORY ANALYSIS**

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

**QUALITY CONTROL DATA**

Project: DUN-RITE  
Pace Project No.: 40132024

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1334080		1334081		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40132040001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result										
Bromoform	ug/L	<1.0	50	50	41.8	41.8	84	84	70-130	0	20				
Bromomethane	ug/L	<5.0	50	50	33.8	37.1	68	74	33-130	9	27				
Carbon tetrachloride	ug/L	<1.0	50	50	42.9	42.9	86	86	70-138	0	20				
Chlorobenzene	ug/L	<1.0	50	50	50.3	50.3	101	101	70-130	0	20				
Chloroethane	ug/L	<1.0	50	50	54.2	56.3	108	113	51-130	4	20				
Chloroform	ug/L	<5.0	50	50	46.5	46.9	93	94	70-130	1	20				
Chloromethane	ug/L	<1.0	50	50	46.2	46.9	92	94	25-132	1	20				
cis-1,2-Dichloroethene	ug/L	<1.0	50	50	45.7	47.3	91	95	61-140	3	20				
cis-1,3-Dichloropropene	ug/L	<1.0	50	50	47.9	47.7	96	95	70-130	1	20				
Dibromochloromethane	ug/L	<1.0	50	50	45.5	45.7	91	91	70-130	1	20				
Dichlorodifluoromethane	ug/L	<1.0	50	50	38.9	38.3	78	77	23-130	1	20				
Ethylbenzene	ug/L	<1.0	50	50	49.0	49.6	98	99	70-138	1	20				
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	50.8	50.0	102	100	70-152	2	20				
Methyl-tert-butyl ether	ug/L	<1.0	50	50	45.7	45.8	91	92	66-139	0	20				
Methylene Chloride	ug/L	<1.0	50	50	47.0	48.1	94	96	70-130	2	20				
Styrene	ug/L	<1.0	50	50	49.5	50.7	99	101	70-138	2	20				
Tetrachloroethene	ug/L	<1.0	50	50	51.2	51.6	102	103	70-148	1	20				
Toluene	ug/L	<1.0	50	50	49.8	48.4	100	97	70-130	3	20				
trans-1,2-Dichloroethene	ug/L	<1.0	50	50	48.8	47.8	98	96	70-133	2	20				
trans-1,3-Dichloropropene	ug/L	<1.0	50	50	45.2	45.2	90	90	69-130	0	20				
Trichloroethene	ug/L	<1.0	50	50	47.1	48.0	94	96	70-131	2	20				
Trichlorofluoromethane	ug/L	<1.0	50	50	44.0	43.3	88	87	50-150	2	20				
Vinyl chloride	ug/L	<1.0	50	50	53.9	55.2	108	110	49-133	2	20				
Xylene (Total)	ug/L	<3.0	150	150	149	150	99	100	70-135	1	20				
4-Bromofluorobenzene (S)	%						92	95	70-130						
Dibromofluoromethane (S)	%						93	90	70-130						
Toluene-d8 (S)	%						98	97	70-130						

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

**REPORT OF LABORATORY ANALYSIS**

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





**QUALITY CONTROL DATA**

Project: DUN-RITE  
 Pace Project No.: 40132024

QC Batch: MSV/33473 Analysis Method: EPA 8260  
 QC Batch Method: EPA 8260 Analysis Description: 8260 MSV  
 Associated Lab Samples: 40132024001, 40132024004

METHOD BLANK: 1335445 Matrix: Water  
 Associated Lab Samples: 40132024001, 40132024004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	05/16/16 13:59	
1,1,1-Tr chloroethane	ug/L	<0.50	1.0	05/16/16 13:59	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	05/16/16 13:59	
1,1,2-Tr chloroethane	ug/L	<0.20	1.0	05/16/16 13:59	
1,1-Dichloroethane	ug/L	<0.24	1.0	05/16/16 13:59	
1,1-Dichloroethene	ug/L	<0.41	1.0	05/16/16 13:59	
1,1-Dichloropropene	ug/L	<0.44	1.0	05/16/16 13:59	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	05/16/16 13:59	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	05/16/16 13:59	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	05/16/16 13:59	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	05/16/16 13:59	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	05/16/16 13:59	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	05/16/16 13:59	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	05/16/16 13:59	
1,2-Dichloroethane	ug/L	<0.17	1.0	05/16/16 13:59	
1,2-Dichloropropane	ug/L	<0.23	1.0	05/16/16 13:59	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	05/16/16 13:59	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	05/16/16 13:59	
1,3-Dichloropropane	ug/L	<0.50	1.0	05/16/16 13:59	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	05/16/16 13:59	
2,2-Dichloropropane	ug/L	<0.48	1.0	05/16/16 13:59	
2-Chlorotoluene	ug/L	<0.50	1.0	05/16/16 13:59	
4-Chlorotoluene	ug/L	<0.21	1.0	05/16/16 13:59	
Benzene	ug/L	<0.50	1.0	05/16/16 13:59	
Bromobenzene	ug/L	<0.23	1.0	05/16/16 13:59	
Bromochloromethane	ug/L	<0.34	1.0	05/16/16 13:59	
Bromodichloromethane	ug/L	<0.50	1.0	05/16/16 13:59	
Bromoform	ug/L	<0.50	1.0	05/16/16 13:59	
Bromomethane	ug/L	<2.4	5.0	05/16/16 13:59	
Carbon tetrachloride	ug/L	<0.50	1.0	05/16/16 13:59	
Chlorobenzene	ug/L	<0.50	1.0	05/16/16 13:59	
Chloroethane	ug/L	<0.37	1.0	05/16/16 13:59	
Chloroform	ug/L	<2.5	5.0	05/16/16 13:59	
Chloromethane	ug/L	<0.50	1.0	05/16/16 13:59	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	05/16/16 13:59	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	05/16/16 13:59	
Dibromochloromethane	ug/L	<0.50	1.0	05/16/16 13:59	
Dibromomethane	ug/L	<0.43	1.0	05/16/16 13:59	
Dichlorodifluoromethane	ug/L	<0.22	1.0	05/16/16 13:59	
Diisopropyl ether	ug/L	<0.50	1.0	05/16/16 13:59	
Ethylbenzene	ug/L	<0.50	1.0	05/16/16 13:59	

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

**REPORT OF LABORATORY ANALYSIS**

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

### QUALITY CONTROL DATA

Project: DUN-RITE  
Pace Project No.: 40132024

METHOD BLANK: 1335445 Matrix: Water  
Associated Lab Samples: 40132024001, 40132024004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	05/16/16 13:59	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	05/16/16 13:59	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	05/16/16 13:59	
Methylene Chloride	ug/L	<0.23	1.0	05/16/16 13:59	
n-Butylbenzene	ug/L	<0.50	1.0	05/16/16 13:59	
n-Propylbenzene	ug/L	<0.50	1.0	05/16/16 13:59	
Naphthalene	ug/L	<2.5	5.0	05/16/16 13:59	
p-Isopropyltoluene	ug/L	<0.50	1.0	05/16/16 13:59	
sec-Butylbenzene	ug/L	<2.2	5.0	05/16/16 13:59	
Styrene	ug/L	<0.50	1.0	05/16/16 13:59	
tert-Butylbenzene	ug/L	<0.18	1.0	05/16/16 13:59	
Tetrachloroethene	ug/L	<0.50	1.0	05/16/16 13:59	
Toluene	ug/L	<0.50	1.0	05/16/16 13:59	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	05/16/16 13:59	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	05/16/16 13:59	
Trichloroethene	ug/L	<0.33	1.0	05/16/16 13:59	
Trichlorofluoromethane	ug/L	<0.18	1.0	05/16/16 13:59	
Vinyl chloride	ug/L	<0.18	1.0	05/16/16 13:59	
Xylene (Total)	ug/L	<1.5	3.0	05/16/16 13:59	
4-Bromofluorobenzene (S)	%	86	70-130	05/16/16 13:59	
Dibromofluoromethane (S)	%	107	70-130	05/16/16 13:59	
Toluene-d8 (S)	%	94	70-130	05/16/16 13:59	

LABORATORY CONTROL SAMPLE: 1335446

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	54.1	108	70-131	
1,1,2,2-Tetrachloroethane	ug/L	50	58.0	116	67-130	
1,1,2-Trichloroethane	ug/L	50	62.8	126	70-130	
1,1-Dichloroethane	ug/L	50	51.1	102	70-133	
1,1-Dichloroethene	ug/L	50	51.5	103	70-130	
1,2,4-Trichlorobenzene	ug/L	50	47.8	96	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	47.4	95	50-150	
1,2-Dibromoethane (EDB)	ug/L	50	58.3	117	70-130	
1,2-Dichlorobenzene	ug/L	50	57.6	115	70-130	
1,2-Dichloroethane	ug/L	50	51.5	103	70-130	
1,2-Dichloropropane	ug/L	50	62.0	124	70-130	
1,3-Dichlorobenzene	ug/L	50	55.4	111	70-130	
1,4-Dichlorobenzene	ug/L	50	60.0	120	70-130	
Benzene	ug/L	50	50.5	101	60-135	
Bromodichloromethane	ug/L	50	65.0	130	70-130	
Bromoform	ug/L	50	62.0	124	70-130	
Bromomethane	ug/L	50	39.6	79	33-130	
Carbon tetrachloride	ug/L	50	58.2	116	70-138	

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

### REPORT OF LABORATORY ANALYSIS

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

**QUALITY CONTROL DATA**

Project: DUN-RITE  
Pace Project No.: 40132024

LABORATORY CONTROL SAMPLE: 1335446

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chlorobenzene	ug/L	50	61.6	123	70-130	
Chloroethane	ug/L	50	54.6	109	51-130	
Chloroform	ug/L	50	51.5	103	70-130	
Chloromethane	ug/L	50	48.5	97	25-132	
cis-1,2-Dichloroethene	ug/L	50	47.8	96	69-130	
cis-1,3-Dichloropropene	ug/L	50	53.3	107	70-130	
Dibromochloromethane	ug/L	50	58.5	117	70-130	
Dichlorodifluoromethane	ug/L	50	37.4	75	23-130	
Ethylbenzene	ug/L	50	59.7	119	70-136	
Isopropylbenzene (Cumene)	ug/L	50	60.9	122	70-140	
Methyl-tert-butyl ether	ug/L	50	43.5	87	66-138	
Methylene Chloride	ug/L	50	51.9	104	70-130	
Styrene	ug/L	50	65.2	130	70-133	
Tetrachloroethene	ug/L	50	65.8	132	70-138	
Toluene	ug/L	50	60.8	122	70-130	
trans-1,2-Dichloroethene	ug/L	50	51.0	102	70-131	
trans-1,3-Dichloropropene	ug/L	50	47.7	95	69-130	
Trichloroethene	ug/L	50	60.8	122	70-130	
Trichlorofluoromethane	ug/L	50	56.9	114	50-150	
Vinyl chloride	ug/L	50	52.6	105	49-130	
Xylene (Total)	ug/L	150	186	124	70-135	
4-Bromofluorobenzene (S)	%			103	70-130	
Dibromofluoromethane (S)	%			105	70-130	
Toluene-d8 (S)	%			96	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1335852 1335853

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual	
		40132264004 Result	Spike Conc.	Spike Conc.	MS Result						MSD Result
1,1,1-Trichloroethane	ug/L	<0.50	50	50	48.9	51.4	98	103	70-134	5	20
1,1,2,2-Tetrachloroethane	ug/L	<0.25	50	50	52.0	55.0	104	110	67-130	6	20
1,1,2-Trichloroethane	ug/L	<0.20	50	50	56.2	58.5	112	117	70-130	4	20
1,1-Dichloroethane	ug/L	<0.24	50	50	48.5	49.2	97	98	70-134	1	20
1,1-Dichloroethene	ug/L	<0.41	50	50	48.3	49.4	97	99	68-136	2	20
1,2,4-Trichlorobenzene	ug/L	<2.2	50	50	45.3	47.2	90	94	62-139	4	20
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	42.8	45.0	86	90	50-150	5	20
1,2-Dibromoethane (EDB)	ug/L	<0.18	50	50	53.2	54.6	106	109	70-130	3	20
1,2-Dichlorobenzene	ug/L	<0.50	50	50	52.1	54.4	104	109	70-130	4	20
1,2-Dichloroethane	ug/L	<0.17	50	50	48.6	49.6	97	99	70-130	2	20
1,2-Dichloropropane	ug/L	<0.23	50	50	56.9	59.5	114	119	70-130	4	20
1,3-Dichlorobenzene	ug/L	<0.50	50	50	50.6	52.3	101	105	70-131	3	20
1,4-Dichlorobenzene	ug/L	<0.50	50	50	54.8	56.3	110	113	70-130	3	20
Benzene	ug/L	<0.50	50	50	47.7	48.4	95	97	57-138	1	20
Bromodichloromethane	ug/L	<0.50	50	50	57.9	60.4	116	121	70-130	4	20

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

**REPORT OF LABORATORY ANALYSIS**

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



### QUALITY CONTROL DATA

Project: DUN-RITE  
Pace Project No.: 40132024

Parameter	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1335852		MS		MSD		1335853		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
	Units	40132264004 Result	40132264004 Spike Conc.	40132264004 Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec							
Bromoform	ug/L	<0.50	50	50	55.3	57.7	111	115	70-130	4	20				
Bromomethane	ug/L	<2.4	50	50	39.9	41.4	80	83	33-130	4	27				
Carbon tetrachloride	ug/L	<0.50	50	50	54.3	55.2	109	110	70-138	2	20				
Chlorobenzene	ug/L	<0.50	50	50	56.5	57.9	113	116	70-130	3	20				
Chloroethane	ug/L	<0.37	50	50	51.4	51.5	103	103	51-130	0	20				
Chloroform	ug/L	<2.5	50	50	48.3	48.9	97	98	70-130	1	20				
Chloromethane	ug/L	<0.50	50	50	45.9	46.0	92	92	25-132	0	20				
cis-1,2-Dichloroethene	ug/L	<0.26	50	50	45.6	46.1	91	92	61-140	1	20				
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	47.8	50.6	96	101	70-130	6	20				
Dibromochloromethane	ug/L	<0.50	50	50	52.5	55.0	105	110	70-130	5	20				
Dichlorodifluoromethane	ug/L	<0.22	50	50	35.4	34.7	71	69	23-130	2	20				
Ethylbenzene	ug/L	<0.50	50	50	53.9	56.0	108	112	70-138	4	20				
Isopropylbenzene (Cumene)	ug/L	<0.14	50	50	54.4	56.4	109	113	70-152	4	20				
Methyl-tert-butyl ether	ug/L	<0.17	50	50	41.8	42.5	84	85	66-139	2	20				
Methylene Chloride	ug/L	<0.23	50	50	49.1	50.3	98	101	70-130	2	20				
Styrene	ug/L	<0.50	50	50	56.7	60.2	117	120	70-138	3	20				
Tetrachloroethene	ug/L	<0.50	50	50	59.7	61.0	119	122	70-148	2	20				
Toluene	ug/L	<0.50	50	50	55.3	56.9	111	114	70-130	3	20				
trans-1,2-Dichloroethene	ug/L	<0.26	50	50	48.8	49.3	98	99	70-133	1	20				
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	42.8	44.9	86	90	69-130	5	20				
Trichloroethene	ug/L	<0.33	50	50	55.4	57.9	111	116	70-131	4	20				
Trichlorofluoromethane	ug/L	<0.18	50	50	53.4	53.9	107	108	50-150	1	20				
Vinyl chloride	ug/L	<0.18	50	50	50.3	49.7	101	99	49-133	1	20				
Xylene (Total)	ug/L	<1.5	150	150	171	173	114	115	70-135	1	20				
4-Bromofluorobenzene (S)	%						103	103	70-130						
Dibromofluoromethane (S)	%						92	106	70-130						
Toluene-d8 (S)	%						96	96	70-130						

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

### REPORT OF LABORATORY ANALYSIS

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

## QUALIFIERS

Project: DUN-RITE  
Pace Project No.: 40132024

---

### 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.

## REPORT OF LABORATORY ANALYSIS

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

**QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Project: DUN-RITE  
Pace Project No.: 40132024

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40132024001	GP-11	EPA 8260	MSV/33473		
40132024002	GP-10	EPA 8260	MSV/33402		
40132024003	MWG-1	EPA 8260	MSV/33402		
40132024004	GP-12	EPA 8260	MSV/33473		
40132024005	GP-9	EPA 8260	MSV/33402		
40132024006	TRIP BLANK	EPA 8260	MSV/33402		

**REPORT OF LABORATORY ANALYSIS**

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

(Please Print Clearly)

UPPER MIDWEST REGION

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



40132024

Company Name: SAND CREEK CONSULTANTS  
 Branch/Location: Amherst, WI  
 Project Contact: Pete Arntsen  
 Phone: 715-824-5109  
 Project Number:  
 Project Name: Dun-Rite  
 Project State: WI  
 Sampled By (Print): Nichole Besyk  
 Sampled By (Sign): Nichole Besyk  
 PO #:

**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	N													
Pick	B													
Label														
Analytes Requested														

Quote #:  
 Mail To Contact: Pete Arntsen  
 Mail To Company:  
 Mail To Address: pete.arntsen@Sand-creek.com  
 Invoice To Contact:  
 Invoice To Company:  
 Invoice To Address:  
 Invoice To Phone:

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRI
		DATE	TIME	
001	GP-11	5/6/16	8:40	W
002	GP-10		8:50	
003	MWG-1		9:10	
004	GP-12		9:40	
005	GP-9	↓	11:15	↓
006	① Trip Blank			

Vertical label: Analytes Requested

Handwritten: VOC

Handwritten: X X X X X

CLIENT COMMENTS  
 LAB COMMENTS (Lab Use Only)  
 Profile #

3.40ml VB  
 2.40ml VB

① In shipment Lab added to list. 5-10-16 SKW

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge) Date Needed:	Relinquished By: Nichole Besyk Date/Time: 5/9/16	Received By: Susan Kufner Date/Time: 5-10-16 0730	PACE Project No. 40132024
Transmit Prelim Rush Results by (complete what you want):	Relinquished By: Deahon Date/Time: 5-10-16 0730	Received By: Jace Date/Time:	Receipt Temp = 20.1 °C
Email #1:	Relinquished By:	Received By:	Sample Receipt pH OK / Adjusted
Email #2:	Relinquished By:	Received By:	Cooler Custody Seal Present / Not Present
Telephone:	Relinquished By:	Received By:	Intact / Not Intact
Fax:	Relinquished By:	Received By:	



Sample Condition Upon Receipt

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



Client Name: Sand Creek  
 Courier:  Fed Ex  UPS  Client  Pace Other: Durham  
 Tracking #: 116548

Project #: **WO# : 40132024**



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: N/A Type of Ice:  Wet  Blue Dry None  Samples on ice, cooling process has begun  
 Cooler Temperature: RO I / Corr: RO I Biological Tissue is Frozen:  yes  no  
 Temp Blank Present:  yes  no

Person examining contents:  
 Date: 5-10-16  
 Initials: SW

Temp should be above freezing to 6°C for all sample except Biota.  
 Frozen Biota Samples should be received ≤ 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <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. <u>003-1-40ml vials, ID is MWG-11.</u>
-Includes date/time/ID/Analysis Matrix:	<u>W</u>	<u>5-10-16 SW</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 when completed   Lab Std #ID of preservative   Date/Time:
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	14.
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	15. <u>In shipment Lab added to COC.</u>
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):	<u>357</u>	<u>5-10-16 SW</u>

Client Notification/ Resolution:  If checked, see attached form for additional comments  
 Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Comments/ Resolution: original and copy of COC in shipment. 5-10-16 SW

Project Manager Review: W for DM Date: 5-10-16