



February 9, 2017

Mr. Jim Guzman  
Guzman Building, LLC  
1700 Rose Court  
Plover, WI 54467

**Re: Dun-Rite Cleaners**  
1008 Union Street  
Stevens Point, Wisconsin  
WDNR BRRTS No. 0250000577

**Subject: Vapor Samples Results**

Dear Mr. Guzman:

The purpose of this letter is to present the results of vapor samples collected at the Guzman office building, located at 1100 Center Point Drive, Stevens Point, Wisconsin, on November 16, 2017. The samples were collected as part of environmental investigations associated with the Dun-Rite Cleaners site. The investigation is focused on chlorinated volatile organic compounds (VOCs), specifically tetrachloroethene (PCE) and trichloroethene (TCE).

#### **Work Performed**

Vapor samples were collected from three locations inside the building. The indoor samples included three samples of ambient air (i.e., typical room air) and two samples of sub-slab vapors (i.e., the vapor in the soil beneath the building). An outdoor sample was taken near the doors on the north side of the building. The samples were submitted to a laboratory and analyzed for VOCs.

#### **Sample Results**

The PCE and TCE results for all samples collected from the office building are presented on the enclosed **table**. All results for the most recent samples are included on the enclosed **laboratory report**. Sample locations are shown on the attached **figure**.

#### Ambient Air

The three indoor ambient air samples each had detections of PCE and TCE. All PCE concentrations were below non-residential Action Levels.

The laboratory analysis results indicate that concentrations in the former attorney's office at (AA408) and in the outdoor sample (AA405) exceeded the non-residential Action Level. However, both results

were flagged with a qualifier C8, indicating, "Result may be biased high due to carryover from previously analyzed sample." Because both of these TCE results are uncharacteristically high compared to historic data, and the PCE concentrations are comparable to historic results, the results are likely spurious and do not warrant action at this time.

Two additional ambient air samples had concentrations of TCE exceeding residential Action Levels. This threshold is set for residential buildings where occupants are assumed to have long-term exposure.

The WDNR screening levels for PCE/TCE are set to provide threshold concentrations for the substances that are protective of human health over long-term exposure. The potential health risk for the building occupants is low.

#### Sub-Slab Vapor

The two sub-slab vapor samples had detections of PCE above its Non-Residential Screening Level. The occurrence is not considered a direct health threat, but it presents a concern for potential vapor intrusion.

Building users who have questions may contact Ryan Wozniak (608.267.3227) with the Wisconsin Department of Health Services (DHS), who can address any health questions and concerns.

#### **Going Forward**

We expect to perform another round of vapor sampling in spring 2018. At that time we will again contact you requesting permission to collect samples of the sub-slab vapors and ambient air.

If you have any questions or would like to discuss the results, please contact me via phone at 715.824.5969 or by email at [pete.arntsen@sand-creek.com](mailto:pete.arntsen@sand-creek.com).

Sincerely,

#### **SAND CREEK CONSULTANTS, INC.**



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

Enclosures: Table 1: Vapor Sample Results for Guzman Office Building  
Laboratory Report  
Sample Location Figure

Via email only

cc/enc: Mr. Ron Hanson/Dun-Rite Cleaners, via email only  
Mr. Aaron Kent/Wisconsin Department of Natural Resource, via email only

**Table 1: Vapor Sample Results for Guzman Office Building**

1100 Center Point Drive, Stevens Point, WI

Dun-Rite Cleaners, Stevens Point, WI

## Vapor Chemistry Results - Ambient Air

<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
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
		11/16/2017	0.99 J	<b>8.9*</b>
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
		11/16/2017	8.2	6.2
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
		11/16/2017	7.6	5.0
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
		11/16/2017	22.4	<b>118*</b>

Vapor Chemistry Results - Sub-Slab Vapor

Sub-Slab Vapor Samples ( $\mu\text{g}/\text{m}^3$ )				
Sample ID	Location	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)
<b>Sub-Slab Vapor Screening Levels<sup>2</sup></b>				
Non-Residential			<b>5,994</b>	<b>293</b>
Residential			<i>1,399</i>	<i>70</i>
SSV405	Attorney (former)	9/19/2014	<b>7,470</b>	139
		2/24/2015	<b>17,800</b>	183
		10/5/2016	<b>22,300</b>	175
		6/16/2017	<b>17,400</b>	111
		11/16/2017	<b>17,100</b>	130
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>	16
		2/16/2016	<b>9,940</b>	11
		10/5/2016	<b>37,400</b>	15
		6/16/2017	<b>15,500</b>	9.1
		11/16/2017	<b>11,500</b>	9.6

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.

\* = Sample marked by laboratory qualifier C8: "Result may be biased high due to carryover from previously analyzed sample."

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

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).

## ANALYTICAL RESULTS

Project: Dun-Rite-Revised Report

Pace Project No.: 10411900

Sample: AA405 Lab ID: 10411900001 Collected: 11/16/17 15:40 Received: 11/21/17 12:30 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>		Analytical Method: TO-15							
Acetone	11.2	ug/m3	3.5	2.2	1.44		12/04/17 23:47	67-64-1	
Benzene	0.34J	ug/m3	0.47	0.22	1.44		12/04/17 23:47	71-43-2	
Benzyl chloride	<0.34	ug/m3	1.5	0.34	1.44		12/04/17 23:47	100-44-7	
Bromodichloromethane	<0.51	ug/m3	2.0	0.51	1.44		12/04/17 23:47	75-27-4	
Bromoform	<1.0	ug/m3	7.6	1.0	1.44		12/04/17 23:47	75-25-2	
Bromomethane	<0.30	ug/m3	1.1	0.30	1.44		12/04/17 23:47	74-83-9	
1,3-Butadiene	<0.30	ug/m3	0.65	0.30	1.44		12/04/17 23:47	106-99-0	
2-Butanone (MEK)	1.2J	ug/m3	4.3	0.29	1.44		12/04/17 23:47	78-93-3	
Carbon disulfide	<0.26	ug/m3	0.91	0.26	1.44		12/04/17 23:47	75-15-0	
Carbon tetrachloride	<0.46	ug/m3	0.92	0.46	1.44		12/04/17 23:47	56-23-5	
Chlorobenzene	<0.26	ug/m3	1.4	0.26	1.44		12/04/17 23:47	108-90-7	
Chloroethane	<0.29	ug/m3	0.78	0.29	1.44		12/04/17 23:47	75-00-3	
Chloroform	<0.33	ug/m3	0.71	0.33	1.44		12/05/17 17:36	67-66-3	
Chloromethane	0.74	ug/m3	0.60	0.19	1.44		12/04/17 23:47	74-87-3	
Cyclohexane	<0.33	ug/m3	1.0	0.33	1.44		12/04/17 23:47	110-82-7	
Dibromochloromethane	<0.64	ug/m3	2.5	0.64	1.44		12/04/17 23:47	124-48-1	
1,2-Dibromoethane (EDB)	<0.48	ug/m3	2.2	0.48	1.44		12/04/17 23:47	106-93-4	
1,2-Dichlorobenzene	<0.47	ug/m3	1.8	0.47	1.44		12/04/17 23:47	95-50-1	
1,3-Dichlorobenzene	<0.67	ug/m3	1.8	0.67	1.44		12/04/17 23:47	541-73-1	
1,4-Dichlorobenzene	<0.32	ug/m3	1.8	0.32	1.44		12/04/17 23:47	106-46-7	
Dichlorodifluoromethane	2.7	ug/m3	1.5	0.60	1.44		12/04/17 23:47	75-71-8	
1,1-Dichloroethane	<0.31	ug/m3	1.2	0.31	1.44		12/05/17 17:36	75-34-3	
1,2-Dichloroethane	<0.29	ug/m3	0.59	0.29	1.44		12/04/17 23:47	107-06-2	
1,1-Dichloroethene	<0.34	ug/m3	1.2	0.34	1.44		12/05/17 17:36	75-35-4	
cis-1,2-Dichloroethene	<0.49	ug/m3	1.2	0.49	1.44		12/05/17 17:36	156-59-2	
trans-1,2-Dichloroethene	<0.42	ug/m3	1.2	0.42	1.44		12/05/17 17:36	156-60-5	
1,2-Dichloropropane	<0.44	ug/m3	1.4	0.44	1.44		12/04/17 23:47	78-87-5	
cis-1,3-Dichloropropene	<0.35	ug/m3	1.3	0.35	1.44		12/04/17 23:47	10061-01-5	
trans-1,3-Dichloropropene	<0.60	ug/m3	1.3	0.60	1.44		12/04/17 23:47	10061-02-6	
Dichlorotetrafluoroethane	<0.64	ug/m3	2.0	0.64	1.44		12/04/17 23:47	76-14-2	
Ethanol	9.0	ug/m3	1.4	0.67	1.44		12/04/17 23:47	64-17-5	
Ethyl acetate	<0.28	ug/m3	1.1	0.28	1.44		12/04/17 23:47	141-78-6	
Ethylbenzene	<0.25	ug/m3	1.3	0.25	1.44		12/04/17 23:47	100-41-4	
4-Ethyltoluene	<0.31	ug/m3	1.4	0.31	1.44		12/04/17 23:47	622-96-8	
n-Heptane	<0.30	ug/m3	1.2	0.30	1.44		12/04/17 23:47	142-82-5	
Hexachloro-1,3-butadiene	<1.3	ug/m3	3.1	1.3	1.44		12/04/17 23:47	87-68-3	
n-Hexane	0.58J	ug/m3	1.0	0.48	1.44		12/04/17 23:47	110-54-3	
2-Hexanone	<0.88	ug/m3	6.0	0.88	1.44		12/04/17 23:47	591-78-6	
Methylene Chloride	3.8J	ug/m3	5.1	2.2	1.44		12/05/17 17:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.51	ug/m3	6.0	0.51	1.44		12/04/17 23:47	108-10-1	
Methyl-tert-butyl ether	<0.96	ug/m3	5.3	0.96	1.44		12/04/17 23:47	1634-04-4	
Naphthalene	<0.86	ug/m3	3.8	0.86	1.44		12/04/17 23:47	91-20-3	
2-Propanol	<1.8	ug/m3	3.6	1.8	1.44		12/04/17 23:47	67-63-0	
Propylene	<0.23	ug/m3	0.50	0.23	1.44		12/04/17 23:47	115-07-1	
Styrene	<0.24	ug/m3	1.3	0.24	1.44		12/04/17 23:47	100-42-5	
1,1,2,2-Tetrachloroethane	<0.42	ug/m3	1.0	0.42	1.44		12/04/17 23:47	79-34-5	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Dun-Rite-Revised Report

Pace Project No.: 10411900

**Sample: AA405**      **Lab ID: 10411900001**      Collected: 11/16/17 15:40      Received: 11/21/17 12:30      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b> Analytical Method: TO-15									
Tetrachloroethene	<b>0.99J</b>	ug/m3	0.99	0.41	1.44		12/05/17 17:36	127-18-4	
Tetrahydrofuran	<0.39	ug/m3	0.86	0.39	1.44		12/04/17 23:47	109-99-9	
Toluene	<0.23	ug/m3	1.1	0.23	1.44		12/04/17 23:47	108-88-3	
1,2,4-Trichlorobenzene	<1.4	ug/m3	5.4	1.4	1.44		12/04/17 23:47	120-82-1	
1,1,1-Trichloroethane	<0.49	ug/m3	1.6	0.49	1.44		12/05/17 17:36	71-55-6	
1,1,2-Trichloroethane	<0.32	ug/m3	0.79	0.32	1.44		12/04/17 23:47	79-00-5	
Trichloroethene	<b>8.9</b>	ug/m3	0.79	0.39	1.44		12/05/17 17:36	79-01-6	<b>C8</b>
Trichlorofluoromethane	1.9	ug/m3	1.6	0.60	1.44		12/04/17 23:47	75-69-4	
1,1,2-Trichlorotrifluoroethane	<0.53	ug/m3	2.3	0.53	1.44		12/04/17 23:47	76-13-1	
1,2,4-Trimethylbenzene	<0.25	ug/m3	1.4	0.25	1.44		12/04/17 23:47	95-63-6	
1,3,5-Trimethylbenzene	<0.59	ug/m3	1.4	0.59	1.44		12/04/17 23:47	108-67-8	
Vinyl acetate	<0.24	ug/m3	1.0	0.24	1.44		12/04/17 23:47	108-05-4	
Vinyl chloride	<0.18	ug/m3	0.37	0.18	1.44		12/05/17 17:36	75-01-4	
m&p-Xylene	<0.50	ug/m3	2.5	0.50	1.44		12/04/17 23:47	179601-23-1	
o-Xylene	<0.53	ug/m3	1.3	0.53	1.44		12/04/17 23:47	95-47-6	

**Sample: AA407**      **Lab ID: 10411900002**      Collected: 11/16/17 15:50      Received: 11/21/17 12:30      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b> Analytical Method: TO-15									
Acetone	<b>32.3</b>	ug/m3	3.6	2.2	1.49		12/05/17 00:23	67-64-1	
Benzene	<0.22	ug/m3	0.48	0.22	1.49		12/05/17 00:23	71-43-2	
Benzyl chloride	<0.35	ug/m3	1.6	0.35	1.49		12/05/17 00:23	100-44-7	
Bromodichloromethane	<0.53	ug/m3	2.0	0.53	1.49		12/05/17 00:23	75-27-4	
Bromoform	<1.0	ug/m3	7.8	1.0	1.49		12/05/17 00:23	75-25-2	
Bromomethane	<0.31	ug/m3	1.2	0.31	1.49		12/05/17 00:23	74-83-9	
1,3-Butadiene	<0.31	ug/m3	0.67	0.31	1.49		12/05/17 00:23	106-99-0	
2-Butanone (MEK)	<b>2.3J</b>	ug/m3	4.5	0.30	1.49		12/05/17 00:23	78-93-3	
Carbon disulfide	<0.27	ug/m3	0.94	0.27	1.49		12/05/17 00:23	75-15-0	
Carbon tetrachloride	<0.47	ug/m3	0.95	0.47	1.49		12/05/17 00:23	56-23-5	
Chlorobenzene	<0.27	ug/m3	1.4	0.27	1.49		12/05/17 00:23	108-90-7	
Chloroethane	<0.30	ug/m3	0.80	0.30	1.49		12/05/17 00:23	75-00-3	
Chloroform	<1.0	ug/m3	2.2	1.0	4.53		12/05/17 18:13	67-66-3	
Chloromethane	<b>0.73</b>	ug/m3	0.63	0.20	1.49		12/05/17 00:23	74-87-3	
Cyclohexane	<0.34	ug/m3	1.0	0.34	1.49		12/05/17 00:23	110-82-7	
Dibromochloromethane	<0.66	ug/m3	2.6	0.66	1.49		12/05/17 00:23	124-48-1	
1,2-Dibromoethane (EDB)	<0.50	ug/m3	2.3	0.50	1.49		12/05/17 00:23	106-93-4	
1,2-Dichlorobenzene	<0.49	ug/m3	1.8	0.49	1.49		12/05/17 00:23	95-50-1	
1,3-Dichlorobenzene	<0.69	ug/m3	1.8	0.69	1.49		12/05/17 00:23	541-73-1	
1,4-Dichlorobenzene	<b>25.4</b>	ug/m3	1.8	0.33	1.49		12/05/17 00:23	106-46-7	
Dichlorodifluoromethane	<b>5.8</b>	ug/m3	1.5	0.62	1.49		12/05/17 00:23	75-71-8	
1,1-Dichloroethane	<0.32	ug/m3	1.2	0.32	1.49		12/05/17 00:23	75-34-3	
1,2-Dichloroethane	<0.30	ug/m3	0.61	0.30	1.49		12/05/17 00:23	107-06-2	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Dun-Rite-Revised Report

Pace Project No.: 10411900

Sample: AA407 Lab ID: 10411900002 Collected: 11/16/17 15:50 Received: 11/21/17 12:30 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	<0.35	ug/m3	1.2	0.35	1.49		12/05/17 00:23	75-35-4	
cis-1,2-Dichloroethene	<1.5	ug/m3	3.7	1.5	4.53		12/05/17 18:13	156-59-2	
trans-1,2-Dichloroethene	<0.44	ug/m3	1.2	0.44	1.49		12/05/17 00:23	156-60-5	
1,2-Dichloropropane	0.85J	ug/m3	1.4	0.46	1.49		12/05/17 00:23	78-87-5	
cis-1,3-Dichloropropene	<0.37	ug/m3	1.4	0.37	1.49		12/05/17 00:23	10061-01-5	
trans-1,3-Dichloropropene	<0.63	ug/m3	1.4	0.63	1.49		12/05/17 00:23	10061-02-6	
Dichlorotetrafluoroethane	<0.66	ug/m3	2.1	0.66	1.49		12/05/17 00:23	76-14-2	
Ethanol	211	ug/m3	1.4	0.69	1.49		12/05/17 00:23	64-17-5	
Ethyl acetate	1.5	ug/m3	1.1	0.29	1.49		12/05/17 00:23	141-78-6	
Ethylbenzene	<0.25	ug/m3	1.3	0.25	1.49		12/05/17 00:23	100-41-4	
4-Ethyltoluene	<0.32	ug/m3	1.5	0.32	1.49		12/05/17 00:23	622-96-8	
n-Heptane	<0.31	ug/m3	1.2	0.31	1.49		12/05/17 00:23	142-82-5	
Hexachloro-1,3-butadiene	<1.3	ug/m3	3.2	1.3	1.49		12/05/17 00:23	87-68-3	
n-Hexane	<0.50	ug/m3	1.1	0.50	1.49		12/05/17 00:23	110-54-3	
2-Hexanone	<0.91	ug/m3	6.2	0.91	1.49		12/05/17 00:23	591-78-6	
Methylene Chloride	3.8J	ug/m3	5.3	2.3	1.49		12/05/17 00:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.53	ug/m3	6.2	0.53	1.49		12/05/17 00:23	108-10-1	
Methyl-tert-butyl ether	<0.99	ug/m3	5.5	0.99	1.49		12/05/17 00:23	1634-04-4	
Naphthalene	<0.89	ug/m3	4.0	0.89	1.49		12/05/17 00:23	91-20-3	
2-Propanol	13.6	ug/m3	3.7	1.9	1.49		12/05/17 00:23	67-63-0	
Propylene	<0.23	ug/m3	0.52	0.23	1.49		12/05/17 00:23	115-07-1	
Styrene	<0.25	ug/m3	1.3	0.25	1.49		12/05/17 00:23	100-42-5	
1,1,2,2-Tetrachloroethane	<0.43	ug/m3	1.0	0.43	1.49		12/05/17 00:23	79-34-5	
Tetrachloroethene	7.6	ug/m3	3.1	1.3	4.53		12/05/17 18:13	127-18-4	
Tetrahydrofuran	<0.41	ug/m3	0.89	0.41	1.49		12/05/17 00:23	109-99-9	
Toluene	0.99J	ug/m3	1.1	0.24	1.49		12/05/17 00:23	108-88-3	
1,2,4-Trichlorobenzene	<1.4	ug/m3	5.6	1.4	1.49		12/05/17 00:23	120-82-1	
1,1,1-Trichloroethane	<0.51	ug/m3	1.7	0.51	1.49		12/05/17 00:23	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/m3	0.82	0.34	1.49		12/05/17 00:23	79-00-5	
Trichloroethene	5.0	ug/m3	2.5	1.2	4.53		12/05/17 18:13	79-01-6	
Trichlorofluoromethane	<0.62	ug/m3	1.7	0.62	1.49		12/05/17 00:23	75-69-4	
1,1,2-Trichlorotrifluoroethane	0.78J	ug/m3	2.4	0.55	1.49		12/05/17 00:23	76-13-1	
1,2,4-Trimethylbenzene	<0.26	ug/m3	1.5	0.26	1.49		12/05/17 00:23	95-63-6	
1,3,5-Trimethylbenzene	<0.61	ug/m3	1.5	0.61	1.49		12/05/17 00:23	108-67-8	
Vinyl acetate	3.0	ug/m3	1.1	0.25	1.49		12/05/17 00:23	108-05-4	
Vinyl chloride	<0.19	ug/m3	0.39	0.19	1.49		12/05/17 00:23	75-01-4	
m&p-Xylene	<0.52	ug/m3	2.6	0.52	1.49		12/05/17 00:23	179601-23-1	
o-Xylene	<0.55	ug/m3	1.3	0.55	1.49		12/05/17 00:23	95-47-6	

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## ANALYTICAL RESULTS

Project: Dun-Rite-Revised Report

Pace Project No.: 10411900

Sample: AA408 Lab ID: 10411900003 Collected: 11/16/17 15:55 Received: 11/21/17 12:30 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>		Analytical Method: TO-15							
Acetone	25.3	ug/m3	3.6	2.2	1.49		12/05/17 00:59	67-64-1	
Benzene	0.33J	ug/m3	0.48	0.22	1.49		12/05/17 00:59	71-43-2	
Benzyl chloride	<0.35	ug/m3	1.6	0.35	1.49		12/05/17 00:59	100-44-7	
Bromodichloromethane	<0.53	ug/m3	2.0	0.53	1.49		12/05/17 00:59	75-27-4	
Bromoform	<1.0	ug/m3	7.8	1.0	1.49		12/05/17 00:59	75-25-2	
Bromomethane	<0.31	ug/m3	1.2	0.31	1.49		12/05/17 00:59	74-83-9	
1,3-Butadiene	<0.31	ug/m3	0.67	0.31	1.49		12/05/17 00:59	106-99-0	
2-Butanone (MEK)	2.2J	ug/m3	4.5	0.30	1.49		12/05/17 00:59	78-93-3	
Carbon disulfide	<0.27	ug/m3	0.94	0.27	1.49		12/05/17 00:59	75-15-0	
Carbon tetrachloride	<0.47	ug/m3	0.95	0.47	1.49		12/05/17 00:59	56-23-5	
Chlorobenzene	<0.27	ug/m3	1.4	0.27	1.49		12/05/17 00:59	108-90-7	
Chloroethane	<0.30	ug/m3	0.80	0.30	1.49		12/05/17 00:59	75-00-3	
Chloroform	0.75	ug/m3	0.74	0.34	1.49		12/05/17 18:49	67-66-3	
Chloromethane	0.77	ug/m3	0.63	0.20	1.49		12/05/17 00:59	74-87-3	
Cyclohexane	<0.34	ug/m3	1.0	0.34	1.49		12/05/17 00:59	110-82-7	
Dibromochloromethane	<0.66	ug/m3	2.6	0.66	1.49		12/05/17 00:59	124-48-1	
1,2-Dibromoethane (EDB)	<0.50	ug/m3	2.3	0.50	1.49		12/05/17 00:59	106-93-4	
1,2-Dichlorobenzene	<0.49	ug/m3	1.8	0.49	1.49		12/05/17 00:59	95-50-1	
1,3-Dichlorobenzene	<0.69	ug/m3	1.8	0.69	1.49		12/05/17 00:59	541-73-1	
1,4-Dichlorobenzene	17.8	ug/m3	1.8	0.33	1.49		12/05/17 00:59	106-46-7	
Dichlorodifluoromethane	6.8	ug/m3	1.5	0.62	1.49		12/05/17 00:59	75-71-8	
1,1-Dichloroethane	<0.32	ug/m3	1.2	0.32	1.49		12/05/17 18:49	75-34-3	
1,2-Dichloroethane	<0.30	ug/m3	0.61	0.30	1.49		12/05/17 00:59	107-06-2	
1,1-Dichloroethene	<0.35	ug/m3	1.2	0.35	1.49		12/05/17 18:49	75-35-4	
cis-1,2-Dichloroethene	2.6	ug/m3	1.2	0.51	1.49		12/05/17 18:49	156-59-2	
trans-1,2-Dichloroethene	<0.44	ug/m3	1.2	0.44	1.49		12/05/17 18:49	156-60-5	
1,2-Dichloropropane	<0.46	ug/m3	1.4	0.46	1.49		12/05/17 00:59	78-87-5	
cis-1,3-Dichloropropene	<0.37	ug/m3	1.4	0.37	1.49		12/05/17 00:59	10061-01-5	
trans-1,3-Dichloropropene	<0.63	ug/m3	1.4	0.63	1.49		12/05/17 00:59	10061-02-6	
Dichlorotetrafluoroethane	<0.66	ug/m3	2.1	0.66	1.49		12/05/17 00:59	76-14-2	
Ethanol	131	ug/m3	1.4	0.69	1.49		12/05/17 00:59	64-17-5	
Ethyl acetate	<0.29	ug/m3	1.1	0.29	1.49		12/05/17 00:59	141-78-6	
Ethylbenzene	<0.25	ug/m3	1.3	0.25	1.49		12/05/17 00:59	100-41-4	
4-Ethyltoluene	<0.32	ug/m3	1.5	0.32	1.49		12/05/17 00:59	622-96-8	
n-Heptane	<0.31	ug/m3	1.2	0.31	1.49		12/05/17 00:59	142-82-5	
Hexachloro-1,3-butadiene	<1.3	ug/m3	3.2	1.3	1.49		12/05/17 00:59	87-68-3	
n-Hexane	0.70J	ug/m3	1.1	0.50	1.49		12/05/17 00:59	110-54-3	
2-Hexanone	<0.91	ug/m3	6.2	0.91	1.49		12/05/17 00:59	591-78-6	
Methylene Chloride	4.0J	ug/m3	5.3	2.3	1.49		12/05/17 18:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.53	ug/m3	6.2	0.53	1.49		12/05/17 00:59	108-10-1	
Methyl-tert-butyl ether	<0.99	ug/m3	5.5	0.99	1.49		12/05/17 00:59	1634-04-4	
Naphthalene	<0.89	ug/m3	4.0	0.89	1.49		12/05/17 00:59	91-20-3	
2-Propanol	8.5	ug/m3	3.7	1.9	1.49		12/05/17 00:59	67-63-0	
Propylene	1.0	ug/m3	0.52	0.23	1.49		12/05/17 00:59	115-07-1	
Styrene	<0.25	ug/m3	1.3	0.25	1.49		12/05/17 00:59	100-42-5	
1,1,2,2-Tetrachloroethane	<0.43	ug/m3	1.0	0.43	1.49		12/05/17 00:59	79-34-5	

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## ANALYTICAL RESULTS

Project: Dun-Rite-Revised Report

Pace Project No.: 10411900

**Sample: AA408**      **Lab ID: 10411900003**      Collected: 11/16/17 15:55      Received: 11/21/17 12:30      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b> Analytical Method: TO-15									
Tetrachloroethene	<b>22.4</b>	ug/m3	1.0	0.43	1.49		12/05/17 18:49	127-18-4	
Tetrahydrofuran	<0.41	ug/m3	0.89	0.41	1.49		12/05/17 00:59	109-99-9	
Toluene	<b>0.89J</b>	ug/m3	1.1	0.24	1.49		12/05/17 00:59	108-88-3	
1,2,4-Trichlorobenzene	<1.4	ug/m3	5.6	1.4	1.49		12/05/17 00:59	120-82-1	
1,1,1-Trichloroethane	<0.51	ug/m3	1.7	0.51	1.49		12/05/17 18:49	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/m3	0.82	0.34	1.49		12/05/17 00:59	79-00-5	
Trichloroethene	<b>118</b>	ug/m3	0.82	0.40	1.49		12/05/17 18:49	79-01-6	<b>C8</b>
Trichlorofluoromethane	<b>1.9</b>	ug/m3	1.7	0.62	1.49		12/05/17 00:59	75-69-4	
1,1,2-Trichlorotrifluoroethane	<b>0.67J</b>	ug/m3	2.4	0.55	1.49		12/05/17 00:59	76-13-1	
1,2,4-Trimethylbenzene	<0.26	ug/m3	1.5	0.26	1.49		12/05/17 00:59	95-63-6	
1,3,5-Trimethylbenzene	<0.61	ug/m3	1.5	0.61	1.49		12/05/17 00:59	108-67-8	
Vinyl acetate	<b>1.5</b>	ug/m3	1.1	0.25	1.49		12/05/17 00:59	108-05-4	
Vinyl chloride	<0.19	ug/m3	0.39	0.19	1.49		12/05/17 18:49	75-01-4	
m&p-Xylene	<0.52	ug/m3	2.6	0.52	1.49		12/05/17 00:59	179601-23-1	
o-Xylene	<0.55	ug/m3	1.3	0.55	1.49		12/05/17 00:59	95-47-6	

**Sample: AA406**      **Lab ID: 10411900004**      Collected: 11/16/17 16:00      Received: 11/21/17 12:30      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b> Analytical Method: TO-15									
Acetone	<b>49.2</b>	ug/m3	3.7	2.3	1.55		12/05/17 01:35	67-64-1	
Benzene	<b>0.39J</b>	ug/m3	0.50	0.23	1.55		12/05/17 01:35	71-43-2	
Benzyl chloride	<0.37	ug/m3	1.6	0.37	1.55		12/05/17 01:35	100-44-7	
Bromodichloromethane	<0.55	ug/m3	2.1	0.55	1.55		12/05/17 01:35	75-27-4	
Bromoform	<1.1	ug/m3	8.1	1.1	1.55		12/05/17 01:35	75-25-2	
Bromomethane	<0.32	ug/m3	1.2	0.32	1.55		12/05/17 01:35	74-83-9	
1,3-Butadiene	<0.32	ug/m3	0.70	0.32	1.55		12/05/17 01:35	106-99-0	
2-Butanone (MEK)	<b>3.1J</b>	ug/m3	4.6	0.31	1.55		12/05/17 01:35	78-93-3	
Carbon disulfide	<0.28	ug/m3	0.98	0.28	1.55		12/05/17 01:35	75-15-0	
Carbon tetrachloride	<b>0.53J</b>	ug/m3	0.99	0.49	1.55		12/05/17 01:35	56-23-5	
Chlorobenzene	<0.28	ug/m3	1.5	0.28	1.55		12/05/17 01:35	108-90-7	
Chloroethane	<0.32	ug/m3	0.84	0.32	1.55		12/05/17 01:35	75-00-3	
Chloroform	<0.36	ug/m3	0.77	0.36	1.55		12/05/17 01:35	67-66-3	
Chloromethane	<b>0.90</b>	ug/m3	0.65	0.21	1.55		12/05/17 01:35	74-87-3	
Cyclohexane	<b>0.64J</b>	ug/m3	1.1	0.35	1.55		12/05/17 01:35	110-82-7	
Dibromochloromethane	<0.69	ug/m3	2.7	0.69	1.55		12/05/17 01:35	124-48-1	
1,2-Dibromoethane (EDB)	<0.52	ug/m3	2.4	0.52	1.55		12/05/17 01:35	106-93-4	
1,2-Dichlorobenzene	<0.51	ug/m3	1.9	0.51	1.55		12/05/17 01:35	95-50-1	
1,3-Dichlorobenzene	<0.72	ug/m3	1.9	0.72	1.55		12/05/17 01:35	541-73-1	
1,4-Dichlorobenzene	<b>272</b>	ug/m3	18.9	3.4	15.5		12/06/17 12:33	106-46-7	
Dichlorodifluoromethane	<b>7.0</b>	ug/m3	1.6	0.64	1.55		12/05/17 01:35	75-71-8	
1,1-Dichloroethane	<0.33	ug/m3	1.3	0.33	1.55		12/05/17 01:35	75-34-3	
1,2-Dichloroethane	<0.31	ug/m3	0.64	0.31	1.55		12/05/17 01:35	107-06-2	

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## ANALYTICAL RESULTS

Project: Dun-Rite-Revised Report

Pace Project No.: 10411900

Sample: AA406 Lab ID: 10411900004 Collected: 11/16/17 16:00 Received: 11/21/17 12:30 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	<0.37	ug/m3	1.3	0.37	1.55		12/05/17 01:35	75-35-4	
cis-1,2-Dichloroethene	<0.53	ug/m3	1.3	0.53	1.55		12/05/17 01:35	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/m3	1.3	0.46	1.55		12/05/17 01:35	156-60-5	
1,2-Dichloropropane	<0.47	ug/m3	1.5	0.47	1.55		12/05/17 01:35	78-87-5	
cis-1,3-Dichloropropene	<0.38	ug/m3	1.4	0.38	1.55		12/05/17 01:35	10061-01-5	
trans-1,3-Dichloropropene	<0.65	ug/m3	1.4	0.65	1.55		12/05/17 01:35	10061-02-6	
Dichlorotetrafluoroethane	<0.69	ug/m3	2.2	0.69	1.55		12/05/17 01:35	76-14-2	
Ethanol	239	ug/m3	1.5	0.72	1.55		12/05/17 01:35	64-17-5	
Ethyl acetate	1.6	ug/m3	1.1	0.30	1.55		12/05/17 01:35	141-78-6	
Ethylbenzene	<0.27	ug/m3	1.4	0.27	1.55		12/05/17 01:35	100-41-4	
4-Ethyltoluene	<0.33	ug/m3	1.6	0.33	1.55		12/05/17 01:35	622-96-8	
n-Heptane	1.0J	ug/m3	1.3	0.33	1.55		12/05/17 01:35	142-82-5	
Hexachloro-1,3-butadiene	<1.3	ug/m3	3.4	1.3	1.55		12/05/17 01:35	87-68-3	
n-Hexane	1.1J	ug/m3	1.1	0.52	1.55		12/05/17 01:35	110-54-3	
2-Hexanone	<0.95	ug/m3	6.5	0.95	1.55		12/05/17 01:35	591-78-6	
Methylene Chloride	4.0J	ug/m3	5.5	2.4	1.55		12/05/17 01:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.55	ug/m3	6.5	0.55	1.55		12/05/17 01:35	108-10-1	
Methyl-tert-butyl ether	<1.0	ug/m3	5.7	1.0	1.55		12/05/17 01:35	1634-04-4	
Naphthalene	3.7J	ug/m3	4.1	0.93	1.55		12/05/17 01:35	91-20-3	
2-Propanol	15.1	ug/m3	3.9	1.9	1.55		12/05/17 01:35	67-63-0	
Propylene	<0.24	ug/m3	0.54	0.24	1.55		12/05/17 01:35	115-07-1	
Styrene	<0.26	ug/m3	1.3	0.26	1.55		12/05/17 01:35	100-42-5	
1,1,2,2-Tetrachloroethane	<0.45	ug/m3	1.1	0.45	1.55		12/05/17 01:35	79-34-5	
Tetrachloroethene	8.2	ug/m3	1.1	0.44	1.55		12/05/17 01:35	127-18-4	
Tetrahydrofuran	0.65J	ug/m3	0.93	0.42	1.55		12/05/17 01:35	109-99-9	
Toluene	1.5	ug/m3	1.2	0.25	1.55		12/05/17 01:35	108-88-3	
1,2,4-Trichlorobenzene	<1.5	ug/m3	5.8	1.5	1.55		12/05/17 01:35	120-82-1	
1,1,1-Trichloroethane	<0.53	ug/m3	1.7	0.53	1.55		12/05/17 01:35	71-55-6	
1,1,2-Trichloroethane	<0.35	ug/m3	0.85	0.35	1.55		12/05/17 01:35	79-00-5	
Trichloroethene	6.2	ug/m3	0.85	0.42	1.55		12/05/17 01:35	79-01-6	
Trichlorofluoromethane	2.1	ug/m3	1.8	0.65	1.55		12/05/17 01:35	75-69-4	
1,1,2-Trichlorotrifluoroethane	0.82J	ug/m3	2.5	0.57	1.55		12/05/17 01:35	76-13-1	
1,2,4-Trimethylbenzene	1.2J	ug/m3	1.5	0.27	1.55		12/05/17 01:35	95-63-6	
1,3,5-Trimethylbenzene	<0.64	ug/m3	1.5	0.64	1.55		12/05/17 01:35	108-67-8	
Vinyl acetate	4.5	ug/m3	1.1	0.26	1.55		12/05/17 01:35	108-05-4	
Vinyl chloride	<0.20	ug/m3	0.40	0.20	1.55		12/05/17 01:35	75-01-4	
m&p-Xylene	<0.54	ug/m3	2.7	0.54	1.55		12/05/17 01:35	179601-23-1	
o-Xylene	<0.58	ug/m3	1.4	0.58	1.55		12/05/17 01:35	95-47-6	

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## ANALYTICAL RESULTS

Project: Dun-Rite-Revised Report

Pace Project No.: 10411900

Sample: AA304 Lab ID: 10411900005 Collected: 11/16/17 16:10 Received: 11/21/17 12:30 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b> Analytical Method: TO-15									
Tetrachloroethene	<0.43	ug/m3	1.0	0.43	1.49		12/05/17 02:12	127-18-4	
Tetrahydrofuran	<0.41	ug/m3	0.89	0.41	1.49		12/05/17 02:12	109-99-9	
Toluene	2.2	ug/m3	1.1	0.24	1.49		12/05/17 02:12	108-88-3	
1,2,4-Trichlorobenzene	<1.4	ug/m3	5.6	1.4	1.49		12/05/17 02:12	120-82-1	
1,1,1-Trichloroethane	<0.51	ug/m3	1.7	0.51	1.49		12/05/17 02:12	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/m3	0.82	0.34	1.49		12/05/17 02:12	79-00-5	
Trichloroethene	0.81J	ug/m3	0.82	0.40	1.49		12/05/17 02:12	79-01-6	
Trichlorofluoromethane	1.9	ug/m3	1.7	0.62	1.49		12/05/17 02:12	75-69-4	
1,1,2-Trichlorotrifluoroethane	0.78J	ug/m3	2.4	0.55	1.49		12/05/17 02:12	76-13-1	
1,2,4-Trimethylbenzene	1.9	ug/m3	1.5	0.26	1.49		12/05/17 02:12	95-63-6	
1,3,5-Trimethylbenzene	<0.61	ug/m3	1.5	0.61	1.49		12/05/17 02:12	108-67-8	
Vinyl acetate	<0.25	ug/m3	1.1	0.25	1.49		12/05/17 02:12	108-05-4	
Vinyl chloride	<0.19	ug/m3	0.39	0.19	1.49		12/05/17 02:12	75-01-4	
m&p-Xylene	2.8	ug/m3	2.6	0.52	1.49		12/05/17 02:12	179601-23-1	
o-Xylene	1.1J	ug/m3	1.3	0.55	1.49		12/05/17 02:12	95-47-6	

Sample: SSV406 Lab ID: 10411900006 Collected: 11/16/17 12:48 Received: 11/21/17 12:30 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b> Analytical Method: TO-15									
Acetone	20.8	ug/m3	3.5	2.2	1.44		12/05/17 02:48	67-64-1	
Benzene	1.7	ug/m3	0.47	0.22	1.44		12/05/17 02:48	71-43-2	
Benzyl chloride	<0.34	ug/m3	1.5	0.34	1.44		12/05/17 02:48	100-44-7	
Bromodichloromethane	<0.51	ug/m3	2.0	0.51	1.44		12/05/17 02:48	75-27-4	
Bromoform	<1.0	ug/m3	7.6	1.0	1.44		12/05/17 02:48	75-25-2	
Bromomethane	<0.30	ug/m3	1.1	0.30	1.44		12/05/17 02:48	74-83-9	
1,3-Butadiene	<0.30	ug/m3	0.65	0.30	1.44		12/05/17 02:48	106-99-0	
2-Butanone (MEK)	6.0	ug/m3	4.3	0.29	1.44		12/05/17 02:48	78-93-3	
Carbon disulfide	9.8	ug/m3	0.91	0.26	1.44		12/05/17 02:48	75-15-0	
Carbon tetrachloride	<0.46	ug/m3	0.92	0.46	1.44		12/05/17 02:48	56-23-5	
Chlorobenzene	<0.26	ug/m3	1.4	0.26	1.44		12/05/17 02:48	108-90-7	
Chloroethane	<0.29	ug/m3	0.78	0.29	1.44		12/05/17 02:48	75-00-3	
Chloroform	<0.33	ug/m3	0.71	0.33	1.44		12/05/17 02:48	67-66-3	
Chloromethane	<0.19	ug/m3	0.60	0.19	1.44		12/05/17 02:48	74-87-3	
Cyclohexane	<0.33	ug/m3	1.0	0.33	1.44		12/05/17 02:48	110-82-7	
Dibromochloromethane	<0.64	ug/m3	2.5	0.64	1.44		12/05/17 02:48	124-48-1	
1,2-Dibromoethane (EDB)	<0.48	ug/m3	2.2	0.48	1.44		12/05/17 02:48	106-93-4	
1,2-Dichlorobenzene	1.2J	ug/m3	1.8	0.47	1.44		12/05/17 02:48	95-50-1	
1,3-Dichlorobenzene	<0.67	ug/m3	1.8	0.67	1.44		12/05/17 02:48	541-73-1	
1,4-Dichlorobenzene	1.3J	ug/m3	1.8	0.32	1.44		12/05/17 02:48	106-46-7	
Dichlorodifluoromethane	17.6	ug/m3	1.5	0.60	1.44		12/05/17 02:48	75-71-8	
1,1-Dichloroethane	<0.31	ug/m3	1.2	0.31	1.44		12/05/17 02:48	75-34-3	
1,2-Dichloroethane	<0.29	ug/m3	0.59	0.29	1.44		12/05/17 02:48	107-06-2	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Dun-Rite-Revised Report

Pace Project No.: 10411900

Sample: **SSV406** Lab ID: **10411900006** Collected: 11/16/17 12:48 Received: 11/21/17 12:30 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		12/05/17 02:48	75-35-4	
cis-1,2-Dichloroethene	<0.49	ug/m3	1.2	0.49	1.44		12/05/17 02:48	156-59-2	
trans-1,2-Dichloroethene	<0.42	ug/m3	1.2	0.42	1.44		12/05/17 02:48	156-60-5	
1,2-Dichloropropane	<0.44	ug/m3	1.4	0.44	1.44		12/05/17 02:48	78-87-5	
cis-1,3-Dichloropropene	<0.35	ug/m3	1.3	0.35	1.44		12/05/17 02:48	10061-01-5	
trans-1,3-Dichloropropene	<0.60	ug/m3	1.3	0.60	1.44		12/05/17 02:48	10061-02-6	
Dichlorotetrafluoroethane	<0.64	ug/m3	2.0	0.64	1.44		12/05/17 02:48	76-14-2	
Ethanol	137	ug/m3	1.4	0.67	1.44		12/05/17 02:48	64-17-5	
Ethyl acetate	<0.28	ug/m3	1.1	0.28	1.44		12/05/17 02:48	141-78-6	
Ethylbenzene	1.6	ug/m3	1.3	0.25	1.44		12/05/17 02:48	100-41-4	
4-Ethyltoluene	0.73J	ug/m3	1.4	0.31	1.44		12/05/17 02:48	622-96-8	
n-Heptane	<0.30	ug/m3	1.2	0.30	1.44		12/05/17 02:48	142-82-5	
Hexachloro-1,3-butadiene	<1.3	ug/m3	3.1	1.3	1.44		12/05/17 02:48	87-68-3	
n-Hexane	1.5	ug/m3	1.0	0.48	1.44		12/05/17 02:48	110-54-3	
2-Hexanone	<0.88	ug/m3	6.0	0.88	1.44		12/05/17 02:48	591-78-6	
Methylene Chloride	5.7	ug/m3	5.1	2.2	1.44		12/05/17 02:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.51	ug/m3	6.0	0.51	1.44		12/05/17 02:48	108-10-1	
Methyl-tert-butyl ether	<0.96	ug/m3	5.3	0.96	1.44		12/05/17 02:48	1634-04-4	
Naphthalene	3.9	ug/m3	3.8	0.86	1.44		12/05/17 02:48	91-20-3	
2-Propanol	3.4J	ug/m3	3.6	1.8	1.44		12/05/17 02:48	67-63-0	
Propylene	<0.23	ug/m3	0.50	0.23	1.44		12/05/17 02:48	115-07-1	
Styrene	9.9	ug/m3	1.3	0.24	1.44		12/05/17 02:48	100-42-5	
1,1,2,2-Tetrachloroethane	<0.42	ug/m3	1.0	0.42	1.44		12/05/17 02:48	79-34-5	
<b>Tetrachloroethene</b>	<b>11500</b>	ug/m3	329	137	476.8		12/06/17 19:48	127-18-4	A3, C0, IS
Tetrahydrofuran	4.1	ug/m3	0.86	0.39	1.44		12/05/17 02:48	109-99-9	
Toluene	2.9	ug/m3	1.1	0.23	1.44		12/05/17 02:48	108-88-3	
1,2,4-Trichlorobenzene	<1.4	ug/m3	5.4	1.4	1.44		12/05/17 02:48	120-82-1	
1,1,1-Trichloroethane	<0.49	ug/m3	1.6	0.49	1.44		12/05/17 02:48	71-55-6	
1,1,2-Trichloroethane	<0.32	ug/m3	0.79	0.32	1.44		12/05/17 02:48	79-00-5	
<b>Trichloroethene</b>	<b>9.6</b>	ug/m3	0.79	0.39	1.44		12/05/17 02:48	79-01-6	
Trichlorofluoromethane	2.4	ug/m3	1.6	0.60	1.44		12/05/17 02:48	75-69-4	
1,1,2-Trichlorotrifluoroethane	<0.53	ug/m3	2.3	0.53	1.44		12/05/17 02:48	76-13-1	
1,2,4-Trimethylbenzene	2.4	ug/m3	1.4	0.25	1.44		12/05/17 02:48	95-63-6	
1,3,5-Trimethylbenzene	<0.59	ug/m3	1.4	0.59	1.44		12/05/17 02:48	108-67-8	
Vinyl acetate	2.1	ug/m3	1.0	0.24	1.44		12/05/17 02:48	108-05-4	
Vinyl chloride	<0.18	ug/m3	0.37	0.18	1.44		12/05/17 02:48	75-01-4	
m&p-Xylene	5.0	ug/m3	2.5	0.50	1.44		12/05/17 02:48	179601-23-1	
o-Xylene	2.0	ug/m3	1.3	0.53	1.44		12/05/17 02:48	95-47-6	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Dun-Rite-Revised Report

Pace Project No.: 10411900

Sample: **SSV405** Lab ID: **10411900007** Collected: 11/16/17 14:15 Received: 11/21/17 12:30 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>		Analytical Method: TO-15							
Acetone	<b>10.3</b>	ug/m3	3.7	2.3	1.55		12/05/17 03:24	67-64-1	
Benzene	<b>0.67</b>	ug/m3	0.50	0.23	1.55		12/05/17 03:24	71-43-2	
Benzyl chloride	<b>&lt;0.37</b>	ug/m3	1.6	0.37	1.55		12/05/17 03:24	100-44-7	
Bromodichloromethane	<b>&lt;0.55</b>	ug/m3	2.1	0.55	1.55		12/05/17 03:24	75-27-4	
Bromoform	<b>&lt;1.1</b>	ug/m3	8.1	1.1	1.55		12/05/17 03:24	75-25-2	
Bromomethane	<b>&lt;0.32</b>	ug/m3	1.2	0.32	1.55		12/05/17 03:24	74-83-9	
1,3-Butadiene	<b>&lt;0.32</b>	ug/m3	0.70	0.32	1.55		12/05/17 03:24	106-99-0	
2-Butanone (MEK)	<b>3.8J</b>	ug/m3	4.6	0.31	1.55		12/05/17 03:24	78-93-3	
Carbon disulfide	<b>0.79J</b>	ug/m3	0.98	0.28	1.55		12/05/17 03:24	75-15-0	
Carbon tetrachloride	<b>&lt;0.49</b>	ug/m3	0.99	0.49	1.55		12/05/17 03:24	56-23-5	
Chlorobenzene	<b>&lt;0.28</b>	ug/m3	1.5	0.28	1.55		12/05/17 03:24	108-90-7	
Chloroethane	<b>&lt;0.32</b>	ug/m3	0.84	0.32	1.55		12/05/17 03:24	75-00-3	
Chloroform	<b>0.49J</b>	ug/m3	0.77	0.36	1.55		12/05/17 03:24	67-66-3	
Chloromethane	<b>&lt;0.21</b>	ug/m3	0.65	0.21	1.55		12/05/17 03:24	74-87-3	
Cyclohexane	<b>&lt;0.35</b>	ug/m3	1.1	0.35	1.55		12/05/17 03:24	110-82-7	
Dibromochloromethane	<b>&lt;0.69</b>	ug/m3	2.7	0.69	1.55		12/05/17 03:24	124-48-1	
1,2-Dibromoethane (EDB)	<b>&lt;0.52</b>	ug/m3	2.4	0.52	1.55		12/05/17 03:24	106-93-4	
1,2-Dichlorobenzene	<b>1.3J</b>	ug/m3	1.9	0.51	1.55		12/05/17 03:24	95-50-1	
1,3-Dichlorobenzene	<b>&lt;0.72</b>	ug/m3	1.9	0.72	1.55		12/05/17 03:24	541-73-1	
1,4-Dichlorobenzene	<b>1.3J</b>	ug/m3	1.9	0.34	1.55		12/05/17 03:24	106-46-7	
Dichlorodifluoromethane	<b>17.9</b>	ug/m3	1.6	0.64	1.55		12/05/17 03:24	75-71-8	
1,1-Dichloroethane	<b>&lt;0.33</b>	ug/m3	1.3	0.33	1.55		12/05/17 03:24	75-34-3	
1,2-Dichloroethane	<b>&lt;0.31</b>	ug/m3	0.64	0.31	1.55		12/05/17 03:24	107-06-2	
1,1-Dichloroethene	<b>&lt;0.37</b>	ug/m3	1.3	0.37	1.55		12/05/17 03:24	75-35-4	
cis-1,2-Dichloroethene	<b>&lt;0.53</b>	ug/m3	1.3	0.53	1.55		12/05/17 03:24	156-59-2	
trans-1,2-Dichloroethene	<b>&lt;0.46</b>	ug/m3	1.3	0.46	1.55		12/05/17 03:24	156-60-5	
1,2-Dichloropropane	<b>&lt;0.47</b>	ug/m3	1.5	0.47	1.55		12/05/17 03:24	78-87-5	
cis-1,3-Dichloropropene	<b>&lt;0.38</b>	ug/m3	1.4	0.38	1.55		12/05/17 03:24	10061-01-5	
trans-1,3-Dichloropropene	<b>&lt;0.65</b>	ug/m3	1.4	0.65	1.55		12/05/17 03:24	10061-02-6	
Dichlorotetrafluoroethane	<b>&lt;0.69</b>	ug/m3	2.2	0.69	1.55		12/05/17 03:24	76-14-2	
Ethanol	<b>84.7</b>	ug/m3	1.5	0.72	1.55		12/05/17 03:24	64-17-5	
Ethyl acetate	<b>&lt;0.30</b>	ug/m3	1.1	0.30	1.55		12/05/17 03:24	141-78-6	
Ethylbenzene	<b>1.4</b>	ug/m3	1.4	0.27	1.55		12/05/17 03:24	100-41-4	
4-Ethyltoluene	<b>&lt;0.33</b>	ug/m3	1.6	0.33	1.55		12/05/17 03:24	622-96-8	
n-Heptane	<b>&lt;0.33</b>	ug/m3	1.3	0.33	1.55		12/05/17 03:24	142-82-5	
Hexachloro-1,3-butadiene	<b>&lt;1.3</b>	ug/m3	3.4	1.3	1.55		12/05/17 03:24	87-68-3	
n-Hexane	<b>0.59J</b>	ug/m3	1.1	0.52	1.55		12/05/17 03:24	110-54-3	
2-Hexanone	<b>&lt;0.95</b>	ug/m3	6.5	0.95	1.55		12/05/17 03:24	591-78-6	
Methylene Chloride	<b>4.7J</b>	ug/m3	5.5	2.4	1.55		12/05/17 03:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>&lt;0.55</b>	ug/m3	6.5	0.55	1.55		12/05/17 03:24	108-10-1	
Methyl-tert-butyl ether	<b>&lt;1.0</b>	ug/m3	5.7	1.0	1.55		12/05/17 03:24	1634-04-4	
Naphthalene	<b>4.2</b>	ug/m3	4.1	0.93	1.55		12/05/17 03:24	91-20-3	
2-Propanol	<b>2.0J</b>	ug/m3	3.9	1.9	1.55		12/05/17 03:24	67-63-0	
Propylene	<b>&lt;0.24</b>	ug/m3	0.54	0.24	1.55		12/05/17 03:24	115-07-1	
Styrene	<b>9.6</b>	ug/m3	1.3	0.26	1.55		12/05/17 03:24	100-42-5	
1,1,2,2-Tetrachloroethane	<b>&lt;0.45</b>	ug/m3	1.1	0.45	1.55		12/05/17 03:24	79-34-5	

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### ANALYTICAL RESULTS

Project: Dun-Rite-Revised Report

Pace Project No.: 10411900

Sample: SSV405 Lab ID: 10411900007 Collected: 11/16/17 14:15 Received: 11/21/17 12:30 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR Analytical Method: TO-15									
Tetrachloroethene	17100	ug/m3	342	142	496		12/06/17 14:11	127-18-4	A3,C0, IS
Tetrahydrofuran	2.8	ug/m3	0.93	0.42	1.55		12/05/17 03:24	109-99-9	
Toluene	2.3	ug/m3	1.2	0.25	1.55		12/05/17 03:24	108-88-3	
1,2,4-Trichlorobenzene	<1.5	ug/m3	5.8	1.5	1.55		12/05/17 03:24	120-82-1	
1,1,1-Trichloroethane	1.4J	ug/m3	1.7	0.53	1.55		12/05/17 03:24	71-55-6	
1,1,2-Trichloroethane	<0.35	ug/m3	0.85	0.35	1.55		12/05/17 03:24	79-00-5	
Trichloroethene	130	ug/m3	0.85	0.42	1.55		12/05/17 03:24	79-01-6	
Trichlorofluoromethane	2.2	ug/m3	1.8	0.65	1.55		12/05/17 03:24	75-69-4	
1,1,2-Trichlorotrifluoroethane	<0.57	ug/m3	2.5	0.57	1.55		12/05/17 03:24	76-13-1	
1,2,4-Trimethylbenzene	2.4	ug/m3	1.5	0.27	1.55		12/05/17 03:24	95-63-6	
1,3,5-Trimethylbenzene	<0.64	ug/m3	1.5	0.64	1.55		12/05/17 03:24	108-67-8	
Vinyl acetate	0.74J	ug/m3	1.1	0.26	1.55		12/05/17 03:24	108-05-4	
Vinyl chloride	<0.20	ug/m3	0.40	0.20	1.55		12/05/17 03:24	75-01-4	
m&p-Xylene	4.2	ug/m3	2.7	0.54	1.55		12/05/17 03:24	179601-23-1	
o-Xylene	1.8	ug/m3	1.4	0.58	1.55		12/05/17 03:24	95-47-6	

Sample: SSV203 Lab ID: 10411900008 Collected: 11/16/17 16:10 Received: 11/21/17 12:30 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR Analytical Method: TO-15									
Acetone	20.7	ug/m3	3.6	2.2	1.49		12/05/17 04:00	67-64-1	
Benzene	1.4	ug/m3	0.48	0.22	1.49		12/05/17 04:00	71-43-2	
Benzyl chloride	<0.35	ug/m3	1.6	0.35	1.49		12/05/17 04:00	100-44-7	
Bromodichloromethane	<0.53	ug/m3	2.0	0.53	1.49		12/05/17 04:00	75-27-4	
Bromoform	<1.0	ug/m3	7.8	1.0	1.49		12/05/17 04:00	75-25-2	
Bromomethane	<0.31	ug/m3	1.2	0.31	1.49		12/05/17 04:00	74-83-9	
1,3-Butadiene	<0.31	ug/m3	0.67	0.31	1.49		12/05/17 04:00	106-99-0	
2-Butanone (MEK)	4.8	ug/m3	4.5	0.30	1.49		12/05/17 04:00	78-93-3	
Carbon disulfide	<0.27	ug/m3	0.94	0.27	1.49		12/05/17 04:00	75-15-0	
Carbon tetrachloride	<0.47	ug/m3	0.95	0.47	1.49		12/05/17 04:00	56-23-5	
Chlorobenzene	<0.27	ug/m3	1.4	0.27	1.49		12/05/17 04:00	108-90-7	
Chloroethane	<0.30	ug/m3	0.80	0.30	1.49		12/05/17 04:00	75-00-3	
Chloroform	<0.34	ug/m3	0.74	0.34	1.49		12/05/17 04:00	67-66-3	
Chloromethane	<0.20	ug/m3	0.63	0.20	1.49		12/05/17 04:00	74-87-3	
Cyclohexane	<0.34	ug/m3	1.0	0.34	1.49		12/05/17 04:00	110-82-7	
Dibromochloromethane	<0.66	ug/m3	2.6	0.66	1.49		12/05/17 04:00	124-48-1	
1,2-Dibromoethane (EDB)	<0.50	ug/m3	2.3	0.50	1.49		12/05/17 04:00	106-93-4	
1,2-Dichlorobenzene	1.7J	ug/m3	1.8	0.49	1.49		12/05/17 04:00	95-50-1	
1,3-Dichlorobenzene	<0.69	ug/m3	1.8	0.69	1.49		12/05/17 04:00	541-73-1	
1,4-Dichlorobenzene	1.5J	ug/m3	1.8	0.33	1.49		12/05/17 04:00	106-46-7	
Dichlorodifluoromethane	131	ug/m3	1.5	0.62	1.49		12/05/17 04:00	75-71-8	
1,1-Dichloroethane	<0.32	ug/m3	1.2	0.32	1.49		12/05/17 04:00	75-34-3	

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## QUALIFIERS

Project: Dun-Rite-Revised Report

Pace Project No.: 10411900

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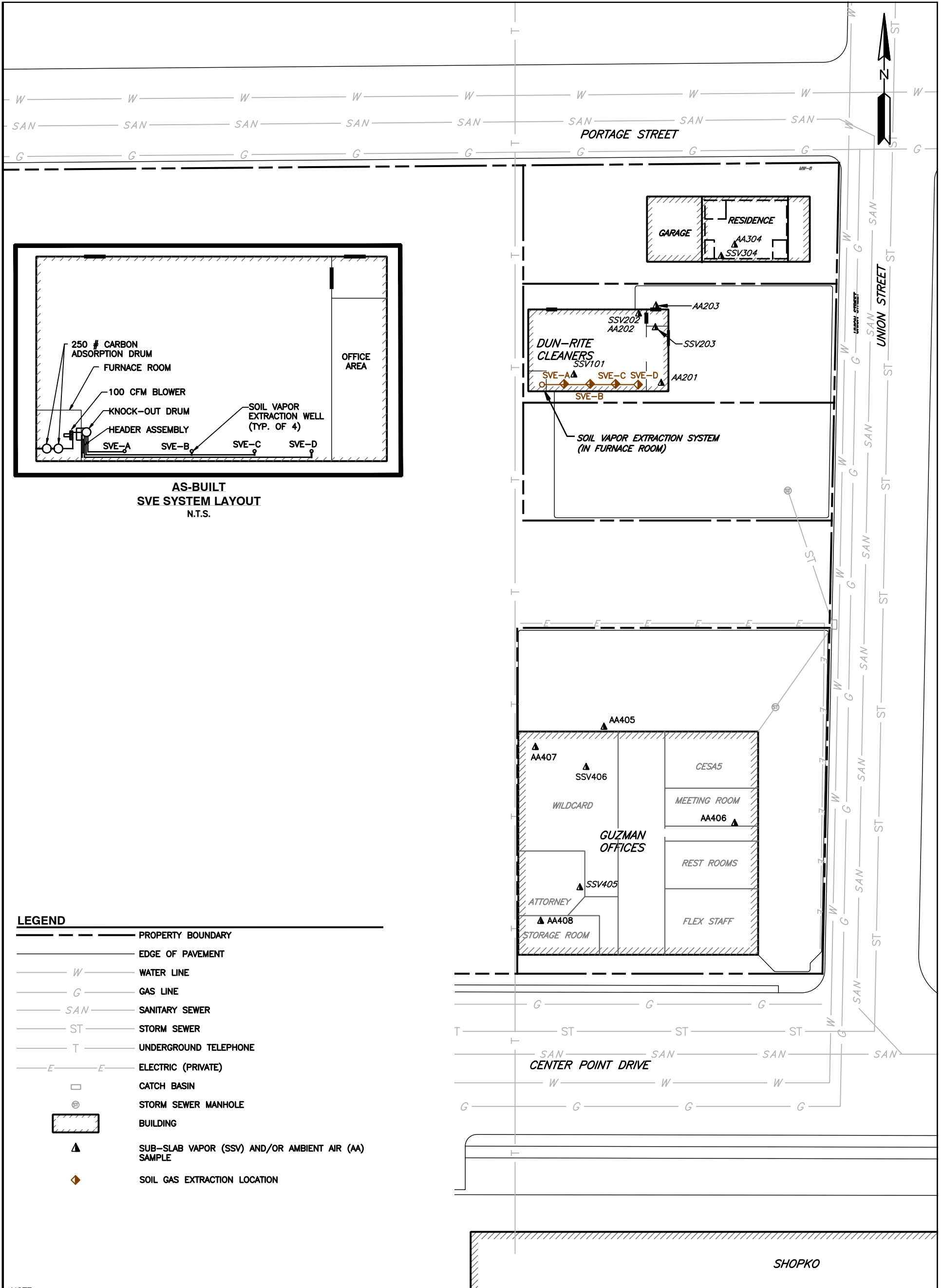
### ANALYTE QUALIFIERS

C8	Result may be biased high due to carryover from previously analyzed sample.
IS	The internal standard response is below criteria. Results may be biased high.
MN	The reporting limit has been raised in accordance with Minnesota Statutes 4740.2100 Subpart 8. C, D. Reporting Limit Evaluation Rule.

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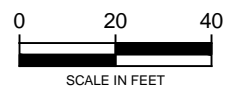


**LEGEND**

- 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
<b>FIGURE 2</b>	