



May 3, 2017

Phil Richard  
Wisconsin Department of Natural Resources  
875 South Fourth Avenue  
Park Falls, WI 54552

Re: Site Status Report  
Laundry Basket, Luck, WI, DNR BRRTS # 02-49-544893

Dear Phil:

This letter report summarizes the work performed over the past year at the Laundry Basket site in Luck, Wisconsin under Change Orders #5 and #6. The tasks completed under Change Order #5 included the installation of an additional groundwater monitoring well, four quarterly groundwater sampling events and the preparation of a Vapor Mitigation Maintenance plan for the sub-slab depressurization system on the property. The tasks completed under Change Order #6 included sub-slab vapor, indoor air, and soil vapor sampling.

The purpose of this letter report is to present the existing project data and begin the discussion about moving this site to closure, either by preparing a complete Case Closure request or defining a scope of work that would be acceptable to the Wisconsin Department of Natural Resources (WDNR) to close the site.

### Monitoring Well Sampling

The four rounds of groundwater monitoring results are summarized on **Attachment A.1** and the groundwater levels are summarized in **Attachment A.6**. Charts depicting contaminant concentrations over time in MW-1, MW-4, MW-5, MW-6, and MW-7EQ are included as **Attachment C.6**. The horizontal extents of groundwater contaminant plumes are illustrated on **Attachments B.3.b.1 and B.3.b.2**.

Direction of groundwater flow has remained relatively constant, with a general flow direction to the west northwest. Groundwater flow maps are provided in **Attachments B.3.c.1 and B.3.c.2** for the December 2016 and March 2017 sampling events, respectively.

The following are comments regarding specific wells regarding contaminant concentrations and trends:

- Monitoring well MW-1 continues to have Wisconsin Administrative Code NR 140 ESs for benzene, cis-1,2-dichloroethene (DCE), PCE, and TCE. While it still exhibits higher concentrations than other wells at the site, contaminant levels in MW-1 continue to decrease as illustrated by the graph included in **Attachment C.6**.
- Monitoring well MW-4 is located in an upgradient location and continues to illustrate decreasing contaminant concentrations with only PCE above its respective PAL during the June 2016 sampling event as illustrated by the graph included in **Attachment C.6**.
- The concentrations of 1,2-DCE, PCE and TCE continue to decrease at MW-5 with 1,2-DCE currently below its ES as illustrated by the graph included in **Attachment C.6**

---

#### Offices in Illinois, Iowa, Minnesota, and Wisconsin

1230 SOUTH BOULEVARD • BARABOO, WI 53913  
(608) 356-2771 • (800) 362-4505 • FAX: (608) 356-2770  
www.msa-ps.com

Letter Report – Laundry Basket  
May 3, 2017

- Monitoring well MW-6 continues to show a steady decrease in concentrations of 1,2-DCE, PCE and TCE with 1,2-DCE below its ES for the first time during the March 2017 sampling event, and PCE and TCE also exhibited a marked decrease in concentrations as illustrated by the graph included in **Attachment C.6**.
- Monitoring well MW-10 continues to illustrate variable results over the past year with both PCE and TCE increasing to above ES concentrations in March 2017. It is worthy to note, that the concentrations in MW-6, which is located upgradient from MW-10 have been steadily decreasing.
- The 1,2-DCE, PCE and TCE concentrations continue to decrease at MW 7EQ after having slight increases during the December 2016 sampling event as illustrated by the graph included in **Attachment C.6**.
- Groundwater samples were not collected from MW-14 during the December 2016 or March 2017 sampling events because the bentonite grout used to seal the well had expanded over the well cap and was frozen. Unsuccessful attempts were made to chisel the grout from the well and free the well cap. No contaminants were detected above laboratory detection limits in samples collected from MW-14 during the two rounds that it was sampled (June and September 2016).

### **Sub-Slab Vapor Sampling**

Eight sub-slab vapor probes were installed and samples collected at the Laundry Basket, library, “Bri-Bri the Computer Guy”, Luck Lumber, and Natural Alternative buildings on March 13-15, 2017. A previously installed vapor sampling port (V-5) was also sampled at that time. Three indoor air samples were also collected at the Laundry Basket concurrent with sub-slab sample collection in the building. A total of eleven sub-slab vapor probe installations were initially planned. However, due to water filling the sump in the basement of the Bri-Bri the Computer Guy building, sub-slab utilities in the library utility room, and water in the hole drilled in the Natural Alternative basement slab, these three samples were not collected. Sub slab vapor sampling analytical results are included in **Attachment A.4**.

Non-Residential Indoor Air Vapor Action Levels (VALs) from the May 2016 EPA Regional Screening Level (RSL) Tables were used to evaluate indoor air samples collected at the site. There were no VAL exceedances in any of the three indoor air samples collected at the Laundry Basket.

The only sub slab vapor sample with contaminant concentrations exceeding DNR sub slab vapor risk screening levels (VRSLs) for small commercial businesses was VP-3, collected in the basement of the Laundry Basket building. Benzene, cyclohexane, ethylbenzene, n-hexane, naphthalene, 1,2,4-trimethylbenzene, and xylenes exceeded their respective VRSLs at VP-3. As indicated above, the indoor air sample collected in the Laundry Basket basement near this sub slab vapor sample did not contain contaminants above respective VAL's.

### **Soil Vapor Sampling**

Three soil vapor samples were collected in the 3<sup>rd</sup> Avenue right of way to assess the potential historical migration of contaminants through utility corridors in the area. UC-1 (northwest of the library), UC-2 (northwest of garage), and UC-3 (near dumpsters on Village of Luck lot) were advanced in the right of way near the 3<sup>rd</sup> Avenue water line. For this study, sampling points were named UC- for utility corridor. Soil vapor sampling analytical results are included in **Attachment A.4**.

Letter Report – Laundry Basket  
May 3, 2017

These three soil vapor samples do not appear to indicate or reveal a historical presence of dry cleaning solvents in the vicinity of the sanitary sewer utility line. Neither cis- nor trans-DCE, or TCE were detected in the soil vapor samples from all three sample locations. PCE and dichlorodifluoromethane were found at slightly higher concentrations at UC-2, however whether these concentrations are significant to indicate a historical presence of dry cleaning solvents in the utility corridor is doubtful.

**Conclusions**

The overall groundwater contaminant concentrations have been decreasing at this site ever since the remedial efforts were initiated with the whey injections. The sub-slab system has been operating well and based on sub-slab and indoor air sampling results appears to be functioning as expected. We understand that not having data for monitoring well MW-14 is a setback in evaluating the plume to the west and the potential source of contamination on that adjacent property, but MW-12 and MW-13 remain unaffected by the groundwater plume from the Laundry Basket.

We respectfully request that the WDNR review the information in this letter report and consider whether a Case Closure request should be completed for review and discussion. We are available for a conference call to discuss these results and discuss the strategy for site closure.

Sincerely,

MSA Professional Services, Inc.



Erica Klingfus  
Environmental Scientist



Brian Hegge  
Sr. Project Manager

Attachments:

- Laboratory Reports, Groundwater
- Laboratory Reports, Vapor
- A.1 Groundwater Analytical Results
- A.4 Vapor Analytical Results
- A.6 Groundwater Elevations
- A.7 Natural Attenuation Data
- B.1.a Site Location Map
- B.1.b Detailed Site Map
- B.3.b Groundwater Isoconcentration
- B.3.c Groundwater Flow Direction
- B.3.d Monitoring Wells
- B.4.a Vapor Intrusion Map
- C.6 MW-1, -5, -6, & -7EQ Analytical Charts

EAK:bjh

Cc: Lois Baldwin, 517 South Fourth Street, Luck, WI 54853  
Debbie Sylvester  
David Huynh

March 29, 2017

Brian Hegge  
MSA Professional Services  
1835 N Stevens St  
Rhineland, WI 54501

RE: Project: 06080801 Laundry Basket  
Pace Project No.: 10382059

Dear Brian Hegge:

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

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

Sincerely,



Shawn Davis  
shawn.davis@pacelabs.com  
612-607-6378  
Project Manager

Enclosures

cc: Erica Evert, MSA Professionals  
Curt Kleist  
Sara Post, MSA Professional Services



## REPORT OF LABORATORY ANALYSIS

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

## CERTIFICATIONS

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

---

### Minnesota Certification IDs

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

A2LA Certification #: 2926.01

Alabama Certification #: 40770

Alaska Contaminated Sites Certification #: UST-078

Alaska DW Certification #: MN00064

Arizona Certification #: AZ0014

Arkansas Certification #: 88-0680

California Certification #: MN00064

CNMI Saipan Certification #: MP0003

Colorado Certification #: MN00064

Connecticut Certification #: PH-0256

EPA Region 8 Certification #: 8TMS-L

Florida Certification #: E87605

Georgia Certification #: 959

Guam EPA Certification #: MN00064

Hawaii Certification #: MN00064

Idaho Certification #: MN00064

Illinois Certification #: 200011

Indiana Certification #: C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky DW Certification #: 90062

Kentucky WW Certification #: 90062

Louisiana DEQ Certification #: 03086

Louisiana DW Certification #: MN00064

Maine Certification #: MN00064

Maryland Certification #: 322

Michigan Certification #: 9909

Minnesota Certification #: 027-053-137

Mississippi Certification #: MN00064

Montana Certification #: CERT0092

Nebraska Certification #: NE-OS-18-06

Nevada Certification #: MN00064

New Hampshire Certification #: 2081

New Jersey Certification #: MN002

New York Certification #: 11647

North Carolina DW Certification #: 27700

North Carolina WW Certification #: 530

North Dakota Certification #: R-036

Ohio DW Certification #: 41244

Ohio VAP Certification #: CL101

Oklahoma Certification #: 9507

Oregon NwTPH Certification #: MN300001

Oregon Secondary Certification #: MN200001

Pennsylvania Certification #: 68-00563

Puerto Rico Certification #: MN00064

South Carolina Certification #: 74003001

Tennessee Certification #: TN02818

Texas Certification #: T104704192

Utah Certification #: MN00064

Virginia Certification #: 460163

Washington Certification #: C486

West Virginia DW Certification #: 9952 C

West Virginia WW Certification #: 382

Wisconsin Certification #: 999407970

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

---

## REPORT OF LABORATORY ANALYSIS

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

## SAMPLE SUMMARY

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10382059001	MW-10	Water	03/15/17 08:20	03/16/17 17:15
10382059002	MW-7	Water	03/15/17 09:00	03/16/17 17:15
10382059003	MW-5	Water	03/15/17 12:30	03/16/17 17:15
10382059004	MW-7EQ	Water	03/15/17 10:00	03/16/17 17:15
10382059005	MW-6	Water	03/15/17 10:30	03/16/17 17:15
10382059006	MW-2	Water	03/15/17 11:15	03/16/17 17:15
10382059007	MW-3	Water	03/15/17 11:45	03/16/17 17:15
10382059008	MW-1	Water	03/15/17 13:00	03/16/17 17:15
10382059009	MW-5EQ	Water	03/15/17 09:15	03/16/17 17:15
10382059010	DUP	Water	03/15/17 06:00	03/16/17 17:15
10382059011	Trip Blank	Water	03/15/17 00:00	03/16/17 17:15

## REPORT OF LABORATORY ANALYSIS

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

### SAMPLE ANALYTE COUNT

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10382059001	MW-10	EPA 8260B	PRD	70	PASI-M
10382059002	MW-7	RSK 175	DR1	3	PASI-M
		EPA 8260B	PRD	70	PASI-M
10382059003	MW-5	RSK 175	DR1	3	PASI-M
		EPA 8260B	PRD	70	PASI-M
10382059004	MW-7EQ	RSK 175	DR1	3	PASI-M
		EPA 8260B	PRD	70	PASI-M
10382059005	MW-6	RSK 175	DR1	3	PASI-M
		EPA 8260B	PRD	70	PASI-M
10382059006	MW-2	EPA 8260B	PRD	70	PASI-M
10382059007	MW-3	EPA 8260B	DJB, PRD	70	PASI-M
10382059008	MW-1	RSK 175	DR1	3	PASI-M
		EPA 8260B	PRD	70	PASI-M
10382059009	MW-5EQ	EPA 8260B	DJB	70	PASI-M
10382059010	DUP	EPA 8260B	DJB	70	PASI-M
10382059011	Trip Blank	EPA 8260B	PRD	70	PASI-M

### REPORT OF LABORATORY ANALYSIS

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

## PROJECT NARRATIVE

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

---

**Method:** RSK 175

**Description:** RSK 175 AIR Headspace

**Client:** MSA-WI

**Date:** March 29, 2017

**General Information:**

5 samples were analyzed for RSK 175. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

**Hold Time:**

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

**Initial Calibrations (including MS Tune as applicable):**

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

**Continuing Calibration:**

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

**Internal Standards:**

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

**Method Blank:**

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

**Laboratory Control Spike:**

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

**Duplicate Sample:**

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

QC Batch: 464694

R1: RPD value was outside control limits.

- DUP (Lab ID: 2540908)
- Methane

**Additional Comments:**

## REPORT OF LABORATORY ANALYSIS

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



## PROJECT NARRATIVE

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

---

**Method:** EPA 8260B

**Description:** 8260B VOC

**Client:** MSA-WI

**Date:** March 29, 2017

### General Information:

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

### Hold Time:

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

### Initial Calibrations (including MS Tune as applicable):

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

### Continuing Calibration:

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

### Internal Standards:

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

### Surrogates:

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

### Method Blank:

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

QC Batch: 465431

B: Analyte was detected in the associated method blank.

- BLANK for HBN 465431 [MSV/3922 (Lab ID: 2544430)
- Naphthalene

### Laboratory Control Spike:

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

QC Batch: 465431

R1: RPD value was outside control limits.

- LCSD (Lab ID: 2545306)
- Acetone

### Matrix Spikes:

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

QC Batch: 465237

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 10382424002

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

- MSD (Lab ID: 2544418)
- Dichlorodifluoromethane
- Trichlorofluoromethane

## REPORT OF LABORATORY ANALYSIS

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

## PROJECT NARRATIVE

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

---

**Method:** EPA 8260B

**Description:** 8260B VOC

**Client:** MSA-WI

**Date:** March 29, 2017

QC Batch: 465431

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

**Duplicate Sample:**

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

QC Batch: 465431

D6: The precision between the sample and sample duplicate exceeded laboratory control limits.

- DUP (Lab ID: 2545305)
- Vinyl chloride

**Additional Comments:**

Analyte Comments:

QC Batch: 465431

E: Analyte concentration exceeded the calibration range. The reported result is estimated.

- DUP (Lab ID: 2545305)
- cis-1,2-Dichloroethene
- Tetrachloroethene

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

## REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

**Sample: MW-10**      **Lab ID: 10382059001**      Collected: 03/15/17 08:20      Received: 03/16/17 17:15      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260B VOC</b>		Analytical Method: EPA 8260B							
Acetone	<2.0	ug/L	20.0	2.0	1		03/23/17 18:00	67-64-1	
Allyl chloride	<0.25	ug/L	4.0	0.25	1		03/23/17 18:00	107-05-1	
Benzene	<0.16	ug/L	1.0	0.16	1		03/23/17 18:00	71-43-2	
Bromobenzene	<0.34	ug/L	1.0	0.34	1		03/23/17 18:00	108-86-1	
Bromochloromethane	<0.19	ug/L	1.0	0.19	1		03/23/17 18:00	74-97-5	
Bromodichloromethane	<0.24	ug/L	1.0	0.24	1		03/23/17 18:00	75-27-4	
Bromoform	<0.27	ug/L	4.0	0.27	1		03/23/17 18:00	75-25-2	
Bromomethane	<0.44	ug/L	4.0	0.44	1		03/23/17 18:00	74-83-9	
2-Butanone (MEK)	<1.1	ug/L	5.0	1.1	1		03/23/17 18:00	78-93-3	
n-Butylbenzene	<0.16	ug/L	1.0	0.16	1		03/23/17 18:00	104-51-8	
sec-Butylbenzene	<0.19	ug/L	1.0	0.19	1		03/23/17 18:00	135-98-8	
tert-Butylbenzene	<0.22	ug/L	1.0	0.22	1		03/23/17 18:00	98-06-6	
Carbon tetrachloride	<0.20	ug/L	1.0	0.20	1		03/23/17 18:00	56-23-5	
Chlorobenzene	<0.11	ug/L	1.0	0.11	1		03/23/17 18:00	108-90-7	
Chloroethane	<0.34	ug/L	1.0	0.34	1		03/23/17 18:00	75-00-3	
Chloroform	<0.21	ug/L	1.0	0.21	1		03/23/17 18:00	67-66-3	
Chloromethane	<0.25	ug/L	4.0	0.25	1		03/23/17 18:00	74-87-3	
2-Chlorotoluene	<0.30	ug/L	1.0	0.30	1		03/23/17 18:00	95-49-8	
4-Chlorotoluene	<0.26	ug/L	1.0	0.26	1		03/23/17 18:00	106-43-4	
1,2-Dibromo-3-chloropropane	<0.60	ug/L	4.0	0.60	1		03/23/17 18:00	96-12-8	
Dibromochloromethane	<0.16	ug/L	4.0	0.16	1		03/23/17 18:00	124-48-1	
1,2-Dibromoethane (EDB)	<0.20	ug/L	4.0	0.20	1		03/23/17 18:00	106-93-4	
Dibromomethane	<0.19	ug/L	4.0	0.19	1		03/23/17 18:00	74-95-3	
1,2-Dichlorobenzene	<0.17	ug/L	1.0	0.17	1		03/23/17 18:00	95-50-1	
1,3-Dichlorobenzene	<0.12	ug/L	1.0	0.12	1		03/23/17 18:00	541-73-1	
1,4-Dichlorobenzene	<0.21	ug/L	1.0	0.21	1		03/23/17 18:00	106-46-7	
Dichlorodifluoromethane	<0.23	ug/L	1.0	0.23	1		03/23/17 18:00	75-71-8	
1,1-Dichloroethane	<0.17	ug/L	1.0	0.17	1		03/23/17 18:00	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		03/23/17 18:00	107-06-2	
1,1-Dichloroethene	<0.28	ug/L	1.0	0.28	1		03/23/17 18:00	75-35-4	
cis-1,2-Dichloroethene	18.0	ug/L	1.0	0.12	1		03/23/17 18:00	156-59-2	
trans-1,2-Dichloroethene	<0.16	ug/L	1.0	0.16	1		03/23/17 18:00	156-60-5	
Dichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		03/23/17 18:00	75-43-4	
1,2-Dichloropropane	<0.22	ug/L	4.0	0.22	1		03/23/17 18:00	78-87-5	
1,3-Dichloropropane	<0.096	ug/L	4.0	0.096	1		03/23/17 18:00	142-28-9	
2,2-Dichloropropane	<0.13	ug/L	4.0	0.13	1		03/23/17 18:00	594-20-7	
1,1-Dichloropropene	<0.23	ug/L	1.0	0.23	1		03/23/17 18:00	563-58-6	
cis-1,3-Dichloropropene	<0.15	ug/L	4.0	0.15	1		03/23/17 18:00	10061-01-5	
trans-1,3-Dichloropropene	<0.15	ug/L	4.0	0.15	1		03/23/17 18:00	10061-02-6	
Diethyl ether (Ethyl ether)	<0.19	ug/L	4.0	0.19	1		03/23/17 18:00	60-29-7	
Ethylbenzene	<0.15	ug/L	1.0	0.15	1		03/23/17 18:00	100-41-4	
Hexachloro-1,3-butadiene	<0.18	ug/L	4.0	0.18	1		03/23/17 18:00	87-68-3	
Isopropylbenzene (Cumene)	<0.25	ug/L	1.0	0.25	1		03/23/17 18:00	98-82-8	
p-Isopropyltoluene	<0.19	ug/L	1.0	0.19	1		03/23/17 18:00	99-87-6	
Methylene Chloride	<0.29	ug/L	4.0	0.29	1		03/23/17 18:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.43	ug/L	5.0	0.43	1		03/23/17 18:00	108-10-1	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

**Sample: MW-10**      **Lab ID: 10382059001**      Collected: 03/15/17 08:20      Received: 03/16/17 17:15      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260B VOC</b> Analytical Method: EPA 8260B									
Methyl-tert-butyl ether	<0.15	ug/L	1.0	0.15	1		03/23/17 18:00	1634-04-4	
Naphthalene	<0.20	ug/L	4.0	0.20	1		03/23/17 18:00	91-20-3	
n-Propylbenzene	<0.23	ug/L	1.0	0.23	1		03/23/17 18:00	103-65-1	
Styrene	<0.29	ug/L	1.0	0.29	1		03/23/17 18:00	100-42-5	
1,1,1,2-Tetrachloroethane	<0.17	ug/L	4.0	0.17	1		03/23/17 18:00	630-20-6	
1,1,2,2-Tetrachloroethane	<0.22	ug/L	1.0	0.22	1		03/23/17 18:00	79-34-5	
Tetrachloroethene	39.3	ug/L	1.0	0.25	1		03/23/17 18:00	127-18-4	
Tetrahydrofuran	<1.5	ug/L	10.0	1.5	1		03/23/17 18:00	109-99-9	
Toluene	<0.14	ug/L	1.0	0.14	1		03/23/17 18:00	108-88-3	
1,2,3-Trichlorobenzene	<0.21	ug/L	4.0	0.21	1		03/23/17 18:00	87-61-6	
1,2,4-Trichlorobenzene	<0.21	ug/L	4.0	0.21	1		03/23/17 18:00	120-82-1	
1,1,1-Trichloroethane	<0.17	ug/L	1.0	0.17	1		03/23/17 18:00	71-55-6	
1,1,2-Trichloroethane	<0.15	ug/L	1.0	0.15	1		03/23/17 18:00	79-00-5	
Trichloroethene	11.4	ug/L	0.40	0.052	1		03/23/17 18:00	79-01-6	
Trichlorofluoromethane	<0.33	ug/L	1.0	0.33	1		03/23/17 18:00	75-69-4	
1,2,3-Trichloropropane	<0.28	ug/L	4.0	0.28	1		03/23/17 18:00	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.32	ug/L	4.0	0.32	1		03/23/17 18:00	76-13-1	
1,2,4-Trimethylbenzene	<0.18	ug/L	1.0	0.18	1		03/23/17 18:00	95-63-6	
1,3,5-Trimethylbenzene	<0.27	ug/L	1.0	0.27	1		03/23/17 18:00	108-67-8	
Vinyl chloride	<0.069	ug/L	0.20	0.069	1		03/23/17 18:00	75-01-4	
Xylene (Total)	<0.32	ug/L	3.0	0.32	1		03/23/17 18:00	1330-20-7	
<b>Surrogates</b>									
1,2-Dichloroethane-d4 (S)	110	%	75-125		1		03/23/17 18:00	17060-07-0	
Toluene-d8 (S)	101	%	75-125		1		03/23/17 18:00	2037-26-5	
4-Bromofluorobenzene (S)	101	%	75-125		1		03/23/17 18:00	460-00-4	

### REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

**Sample: MW-7**      **Lab ID: 10382059002**      Collected: 03/15/17 09:00      Received: 03/16/17 17:15      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>RSK 175 AIR Headspace</b>		Analytical Method: RSK 175							
Ethane	<0.87	ug/L	10.0	0.87	1		03/22/17 13:37	74-84-0	
Ethene	<0.77	ug/L	10.0	0.77	1		03/22/17 13:37	74-85-1	
Methane	698	ug/L	10.0	0.49	1		03/22/17 13:37	74-82-8	
<b>8260B VOC</b>		Analytical Method: EPA 8260B							
Acetone	<2.0	ug/L	20.0	2.0	1		03/23/17 18:16	67-64-1	
Allyl chloride	<0.25	ug/L	4.0	0.25	1		03/23/17 18:16	107-05-1	
Benzene	0.16J	ug/L	1.0	0.16	1		03/23/17 18:16	71-43-2	
Bromobenzene	<0.34	ug/L	1.0	0.34	1		03/23/17 18:16	108-86-1	
Bromochloromethane	<0.19	ug/L	1.0	0.19	1		03/23/17 18:16	74-97-5	
Bromodichloromethane	<0.24	ug/L	1.0	0.24	1		03/23/17 18:16	75-27-4	
Bromoform	<0.27	ug/L	4.0	0.27	1		03/23/17 18:16	75-25-2	
Bromomethane	<0.44	ug/L	4.0	0.44	1		03/23/17 18:16	74-83-9	
2-Butanone (MEK)	<1.1	ug/L	5.0	1.1	1		03/23/17 18:16	78-93-3	
n-Butylbenzene	<0.16	ug/L	1.0	0.16	1		03/23/17 18:16	104-51-8	
sec-Butylbenzene	<0.19	ug/L	1.0	0.19	1		03/23/17 18:16	135-98-8	
tert-Butylbenzene	<0.22	ug/L	1.0	0.22	1		03/23/17 18:16	98-06-6	
Carbon tetrachloride	<0.20	ug/L	1.0	0.20	1		03/23/17 18:16	56-23-5	
Chlorobenzene	<0.11	ug/L	1.0	0.11	1		03/23/17 18:16	108-90-7	
Chloroethane	<0.34	ug/L	1.0	0.34	1		03/23/17 18:16	75-00-3	
Chloroform	<0.21	ug/L	1.0	0.21	1		03/23/17 18:16	67-66-3	
Chloromethane	<0.25	ug/L	4.0	0.25	1		03/23/17 18:16	74-87-3	
2-Chlorotoluene	<0.30	ug/L	1.0	0.30	1		03/23/17 18:16	95-49-8	
4-Chlorotoluene	<0.26	ug/L	1.0	0.26	1		03/23/17 18:16	106-43-4	
1,2-Dibromo-3-chloropropane	<0.60	ug/L	4.0	0.60	1		03/23/17 18:16	96-12-8	
Dibromochloromethane	<0.16	ug/L	4.0	0.16	1		03/23/17 18:16	124-48-1	
1,2-Dibromoethane (EDB)	<0.20	ug/L	4.0	0.20	1		03/23/17 18:16	106-93-4	
Dibromomethane	<0.19	ug/L	4.0	0.19	1		03/23/17 18:16	74-95-3	
1,2-Dichlorobenzene	<0.17	ug/L	1.0	0.17	1		03/23/17 18:16	95-50-1	
1,3-Dichlorobenzene	<0.12	ug/L	1.0	0.12	1		03/23/17 18:16	541-73-1	
1,4-Dichlorobenzene	<0.21	ug/L	1.0	0.21	1		03/23/17 18:16	106-46-7	
Dichlorodifluoromethane	<0.23	ug/L	1.0	0.23	1		03/23/17 18:16	75-71-8	
1,1-Dichloroethane	<0.17	ug/L	1.0	0.17	1		03/23/17 18:16	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		03/23/17 18:16	107-06-2	
1,1-Dichloroethene	<0.28	ug/L	1.0	0.28	1		03/23/17 18:16	75-35-4	
cis-1,2-Dichloroethene	<0.12	ug/L	1.0	0.12	1		03/23/17 18:16	156-59-2	
trans-1,2-Dichloroethene	<0.16	ug/L	1.0	0.16	1		03/23/17 18:16	156-60-5	
Dichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		03/23/17 18:16	75-43-4	
1,2-Dichloropropane	<0.22	ug/L	4.0	0.22	1		03/23/17 18:16	78-87-5	
1,3-Dichloropropane	<0.096	ug/L	4.0	0.096	1		03/23/17 18:16	142-28-9	
2,2-Dichloropropane	<0.13	ug/L	4.0	0.13	1		03/23/17 18:16	594-20-7	
1,1-Dichloropropene	<0.23	ug/L	1.0	0.23	1		03/23/17 18:16	563-58-6	
cis-1,3-Dichloropropene	<0.15	ug/L	4.0	0.15	1		03/23/17 18:16	10061-01-5	
trans-1,3-Dichloropropene	<0.15	ug/L	4.0	0.15	1		03/23/17 18:16	10061-02-6	
Diethyl ether (Ethyl ether)	<0.19	ug/L	4.0	0.19	1		03/23/17 18:16	60-29-7	
Ethylbenzene	<0.15	ug/L	1.0	0.15	1		03/23/17 18:16	100-41-4	

### REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

**Sample: MW-7**      **Lab ID: 10382059002**      Collected: 03/15/17 09:00      Received: 03/16/17 17:15      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260B VOC</b> Analytical Method: EPA 8260B									
Hexachloro-1,3-butadiene	<0.18	ug/L	4.0	0.18	1		03/23/17 18:16	87-68-3	
Isopropylbenzene (Cumene)	<0.25	ug/L	1.0	0.25	1		03/23/17 18:16	98-82-8	
p-Isopropyltoluene	<0.19	ug/L	1.0	0.19	1		03/23/17 18:16	99-87-6	
Methylene Chloride	<0.29	ug/L	4.0	0.29	1		03/23/17 18:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.43	ug/L	5.0	0.43	1		03/23/17 18:16	108-10-1	
Methyl-tert-butyl ether	<0.15	ug/L	1.0	0.15	1		03/23/17 18:16	1634-04-4	
Naphthalene	<0.20	ug/L	4.0	0.20	1		03/23/17 18:16	91-20-3	
n-Propylbenzene	<0.23	ug/L	1.0	0.23	1		03/23/17 18:16	103-65-1	
Styrene	<0.29	ug/L	1.0	0.29	1		03/23/17 18:16	100-42-5	
1,1,1,2-Tetrachloroethane	<0.17	ug/L	4.0	0.17	1		03/23/17 18:16	630-20-6	
1,1,2,2-Tetrachloroethane	<0.22	ug/L	1.0	0.22	1		03/23/17 18:16	79-34-5	
Tetrachloroethene	2.3	ug/L	1.0	0.25	1		03/23/17 18:16	127-18-4	
Tetrahydrofuran	<1.5	ug/L	10.0	1.5	1		03/23/17 18:16	109-99-9	
Toluene	<0.14	ug/L	1.0	0.14	1		03/23/17 18:16	108-88-3	
1,2,3-Trichlorobenzene	<0.21	ug/L	4.0	0.21	1		03/23/17 18:16	87-61-6	
1,2,4-Trichlorobenzene	<0.21	ug/L	4.0	0.21	1		03/23/17 18:16	120-82-1	
1,1,1-Trichloroethane	<0.17	ug/L	1.0	0.17	1		03/23/17 18:16	71-55-6	
1,1,2-Trichloroethane	<0.15	ug/L	1.0	0.15	1		03/23/17 18:16	79-00-5	
Trichloroethene	1.4	ug/L	0.40	0.052	1		03/23/17 18:16	79-01-6	
Trichlorofluoromethane	<0.33	ug/L	1.0	0.33	1		03/23/17 18:16	75-69-4	
1,2,3-Trichloropropane	<0.28	ug/L	4.0	0.28	1		03/23/17 18:16	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.32	ug/L	4.0	0.32	1		03/23/17 18:16	76-13-1	
1,2,4-Trimethylbenzene	<0.18	ug/L	1.0	0.18	1		03/23/17 18:16	95-63-6	
1,3,5-Trimethylbenzene	<0.27	ug/L	1.0	0.27	1		03/23/17 18:16	108-67-8	
Vinyl chloride	<0.069	ug/L	0.20	0.069	1		03/23/17 18:16	75-01-4	
Xylene (Total)	<0.32	ug/L	3.0	0.32	1		03/23/17 18:16	1330-20-7	
<b>Surrogates</b>									
1,2-Dichloroethane-d4 (S)	111	%	75-125		1		03/23/17 18:16	17060-07-0	
Toluene-d8 (S)	99	%	75-125		1		03/23/17 18:16	2037-26-5	
4-Bromofluorobenzene (S)	101	%	75-125		1		03/23/17 18:16	460-00-4	

## REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

**Sample: MW-5**      **Lab ID: 10382059003**      Collected: 03/15/17 12:30      Received: 03/16/17 17:15      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>RSK 175 AIR Headspace</b>		Analytical Method: RSK 175							
Ethane	<0.87	ug/L	10.0	0.87	1		03/22/17 13:51	74-84-0	
Ethene	<0.77	ug/L	10.0	0.77	1		03/22/17 13:51	74-85-1	
Methane	2800	ug/L	10.0	0.49	1		03/22/17 13:51	74-82-8	
<b>8260B VOC</b>		Analytical Method: EPA 8260B							
Acetone	9.6J	ug/L	20.0	2.0	1		03/23/17 18:33	67-64-1	
Allyl chloride	<0.25	ug/L	4.0	0.25	1		03/23/17 18:33	107-05-1	
Benzene	<0.16	ug/L	1.0	0.16	1		03/23/17 18:33	71-43-2	
Bromobenzene	<0.34	ug/L	1.0	0.34	1		03/23/17 18:33	108-86-1	
Bromochloromethane	<0.19	ug/L	1.0	0.19	1		03/23/17 18:33	74-97-5	
Bromodichloromethane	<0.24	ug/L	1.0	0.24	1		03/23/17 18:33	75-27-4	
Bromoform	<0.27	ug/L	4.0	0.27	1		03/23/17 18:33	75-25-2	
Bromomethane	<0.44	ug/L	4.0	0.44	1		03/23/17 18:33	74-83-9	
2-Butanone (MEK)	<1.1	ug/L	5.0	1.1	1		03/23/17 18:33	78-93-3	
n-Butylbenzene	1.4	ug/L	1.0	0.16	1		03/23/17 18:33	104-51-8	
sec-Butylbenzene	1.4	ug/L	1.0	0.19	1		03/23/17 18:33	135-98-8	
tert-Butylbenzene	<0.22	ug/L	1.0	0.22	1		03/23/17 18:33	98-06-6	
Carbon tetrachloride	<0.20	ug/L	1.0	0.20	1		03/23/17 18:33	56-23-5	
Chlorobenzene	<0.11	ug/L	1.0	0.11	1		03/23/17 18:33	108-90-7	
Chloroethane	<0.34	ug/L	1.0	0.34	1		03/23/17 18:33	75-00-3	
Chloroform	<0.21	ug/L	1.0	0.21	1		03/23/17 18:33	67-66-3	
Chloromethane	<0.25	ug/L	4.0	0.25	1		03/23/17 18:33	74-87-3	
2-Chlorotoluene	<0.30	ug/L	1.0	0.30	1		03/23/17 18:33	95-49-8	
4-Chlorotoluene	<0.26	ug/L	1.0	0.26	1		03/23/17 18:33	106-43-4	
1,2-Dibromo-3-chloropropane	<0.60	ug/L	4.0	0.60	1		03/23/17 18:33	96-12-8	
Dibromochloromethane	<0.16	ug/L	4.0	0.16	1		03/23/17 18:33	124-48-1	
1,2-Dibromoethane (EDB)	<0.20	ug/L	4.0	0.20	1		03/23/17 18:33	106-93-4	
Dibromomethane	<0.19	ug/L	4.0	0.19	1		03/23/17 18:33	74-95-3	
1,2-Dichlorobenzene	<0.17	ug/L	1.0	0.17	1		03/23/17 18:33	95-50-1	
1,3-Dichlorobenzene	<0.12	ug/L	1.0	0.12	1		03/23/17 18:33	541-73-1	
1,4-Dichlorobenzene	<0.21	ug/L	1.0	0.21	1		03/23/17 18:33	106-46-7	
Dichlorodifluoromethane	<0.23	ug/L	1.0	0.23	1		03/23/17 18:33	75-71-8	
1,1-Dichloroethane	<0.17	ug/L	1.0	0.17	1		03/23/17 18:33	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		03/23/17 18:33	107-06-2	
1,1-Dichloroethene	<0.28	ug/L	1.0	0.28	1		03/23/17 18:33	75-35-4	
cis-1,2-Dichloroethene	52.3	ug/L	1.0	0.12	1		03/23/17 18:33	156-59-2	
trans-1,2-Dichloroethene	<0.16	ug/L	1.0	0.16	1		03/23/17 18:33	156-60-5	
Dichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		03/23/17 18:33	75-43-4	
1,2-Dichloropropane	<0.22	ug/L	4.0	0.22	1		03/23/17 18:33	78-87-5	
1,3-Dichloropropane	<0.096	ug/L	4.0	0.096	1		03/23/17 18:33	142-28-9	
2,2-Dichloropropane	<0.13	ug/L	4.0	0.13	1		03/23/17 18:33	594-20-7	
1,1-Dichloropropene	<0.23	ug/L	1.0	0.23	1		03/23/17 18:33	563-58-6	
cis-1,3-Dichloropropene	<0.15	ug/L	4.0	0.15	1		03/23/17 18:33	10061-01-5	
trans-1,3-Dichloropropene	<0.15	ug/L	4.0	0.15	1		03/23/17 18:33	10061-02-6	
Diethyl ether (Ethyl ether)	<0.19	ug/L	4.0	0.19	1		03/23/17 18:33	60-29-7	
Ethylbenzene	6.9	ug/L	1.0	0.15	1		03/23/17 18:33	100-41-4	

### REPORT OF LABORATORY ANALYSIS

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



## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

**Sample: MW-5**      **Lab ID: 10382059003**      Collected: 03/15/17 12:30      Received: 03/16/17 17:15      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260B VOC</b> Analytical Method: EPA 8260B									
Hexachloro-1,3-butadiene	<0.18	ug/L	4.0	0.18	1		03/23/17 18:33	87-68-3	
Isopropylbenzene (Cumene)	2.9	ug/L	1.0	0.25	1		03/23/17 18:33	98-82-8	
p-Isopropyltoluene	4.1	ug/L	1.0	0.19	1		03/23/17 18:33	99-87-6	
Methylene Chloride	<0.29	ug/L	4.0	0.29	1		03/23/17 18:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	2.4J	ug/L	5.0	0.43	1		03/23/17 18:33	108-10-1	
Methyl-tert-butyl ether	<0.15	ug/L	1.0	0.15	1		03/23/17 18:33	1634-04-4	
Naphthalene	10.0	ug/L	4.0	0.20	1		03/23/17 18:33	91-20-3	
n-Propylbenzene	3.1	ug/L	1.0	0.23	1		03/23/17 18:33	103-65-1	
Styrene	<0.29	ug/L	1.0	0.29	1		03/23/17 18:33	100-42-5	
1,1,1,2-Tetrachloroethane	<0.17	ug/L	4.0	0.17	1		03/23/17 18:33	630-20-6	
1,1,2,2-Tetrachloroethane	<0.22	ug/L	1.0	0.22	1		03/23/17 18:33	79-34-5	
Tetrachloroethene	92.1	ug/L	1.0	0.25	1		03/23/17 18:33	127-18-4	
Tetrahydrofuran	<1.5	ug/L	10.0	1.5	1		03/23/17 18:33	109-99-9	
Toluene	3.7	ug/L	1.0	0.14	1		03/23/17 18:33	108-88-3	
1,2,3-Trichlorobenzene	<0.21	ug/L	4.0	0.21	1		03/23/17 18:33	87-61-6	
1,2,4-Trichlorobenzene	<0.21	ug/L	4.0	0.21	1		03/23/17 18:33	120-82-1	
1,1,1-Trichloroethane	<0.17	ug/L	1.0	0.17	1		03/23/17 18:33	71-55-6	
1,1,2-Trichloroethane	<0.15	ug/L	1.0	0.15	1		03/23/17 18:33	79-00-5	
Trichloroethene	10.5	ug/L	0.40	0.052	1		03/23/17 18:33	79-01-6	
Trichlorofluoromethane	<0.33	ug/L	1.0	0.33	1		03/23/17 18:33	75-69-4	
1,2,3-Trichloropropane	<0.28	ug/L	4.0	0.28	1		03/23/17 18:33	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.32	ug/L	4.0	0.32	1		03/23/17 18:33	76-13-1	
1,2,4-Trimethylbenzene	26.7	ug/L	1.0	0.18	1		03/23/17 18:33	95-63-6	
1,3,5-Trimethylbenzene	9.3	ug/L	1.0	0.27	1		03/23/17 18:33	108-67-8	
Vinyl chloride	<0.069	ug/L	0.20	0.069	1		03/23/17 18:33	75-01-4	
Xylene (Total)	31.4	ug/L	3.0	0.32	1		03/23/17 18:33	1330-20-7	
<b>Surrogates</b>									
1,2-Dichloroethane-d4 (S)	110	%	75-125		1		03/23/17 18:33	17060-07-0	
Toluene-d8 (S)	106	%	75-125		1		03/23/17 18:33	2037-26-5	
4-Bromofluorobenzene (S)	116	%	75-125		1		03/23/17 18:33	460-00-4	

### REPORT OF LABORATORY ANALYSIS

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



## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

**Sample: MW-7EQ**      **Lab ID: 10382059004**      Collected: 03/15/17 10:00      Received: 03/16/17 17:15      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>RSK 175 AIR Headspace</b>		Analytical Method: RSK 175							
Ethane	<0.87	ug/L	10.0	0.87	1		03/22/17 13:58	74-84-0	
Ethene	<0.77	ug/L	10.0	0.77	1		03/22/17 13:58	74-85-1	
Methane	3240	ug/L	10.0	0.49	1		03/22/17 13:58	74-82-8	
<b>8260B VOC</b>		Analytical Method: EPA 8260B							
Acetone	<2.0	ug/L	20.0	2.0	1		03/23/17 18:49	67-64-1	
Allyl chloride	<0.25	ug/L	4.0	0.25	1		03/23/17 18:49	107-05-1	
Benzene	<0.16	ug/L	1.0	0.16	1		03/23/17 18:49	71-43-2	
Bromobenzene	<0.34	ug/L	1.0	0.34	1		03/23/17 18:49	108-86-1	
Bromochloromethane	<0.19	ug/L	1.0	0.19	1		03/23/17 18:49	74-97-5	
Bromodichloromethane	<0.24	ug/L	1.0	0.24	1		03/23/17 18:49	75-27-4	
Bromoform	<0.27	ug/L	4.0	0.27	1		03/23/17 18:49	75-25-2	
Bromomethane	<0.44	ug/L	4.0	0.44	1		03/23/17 18:49	74-83-9	
2-Butanone (MEK)	<1.1	ug/L	5.0	1.1	1		03/23/17 18:49	78-93-3	
n-Butylbenzene	<0.16	ug/L	1.0	0.16	1		03/23/17 18:49	104-51-8	
sec-Butylbenzene	0.67J	ug/L	1.0	0.19	1		03/23/17 18:49	135-98-8	
tert-Butylbenzene	<0.22	ug/L	1.0	0.22	1		03/23/17 18:49	98-06-6	
Carbon tetrachloride	<0.20	ug/L	1.0	0.20	1		03/23/17 18:49	56-23-5	
Chlorobenzene	<0.11	ug/L	1.0	0.11	1		03/23/17 18:49	108-90-7	
Chloroethane	<0.34	ug/L	1.0	0.34	1		03/23/17 18:49	75-00-3	
Chloroform	<0.21	ug/L	1.0	0.21	1		03/23/17 18:49	67-66-3	
Chloromethane	<0.25	ug/L	4.0	0.25	1		03/23/17 18:49	74-87-3	
2-Chlorotoluene	<0.30	ug/L	1.0	0.30	1		03/23/17 18:49	95-49-8	
4-Chlorotoluene	<0.26	ug/L	1.0	0.26	1		03/23/17 18:49	106-43-4	
1,2-Dibromo-3-chloropropane	<0.60	ug/L	4.0	0.60	1		03/23/17 18:49	96-12-8	
Dibromochloromethane	<0.16	ug/L	4.0	0.16	1		03/23/17 18:49	124-48-1	
1,2-Dibromoethane (EDB)	<0.20	ug/L	4.0	0.20	1		03/23/17 18:49	106-93-4	
Dibromomethane	<0.19	ug/L	4.0	0.19	1		03/23/17 18:49	74-95-3	
1,2-Dichlorobenzene	<0.17	ug/L	1.0	0.17	1		03/23/17 18:49	95-50-1	
1,3-Dichlorobenzene	<0.12	ug/L	1.0	0.12	1		03/23/17 18:49	541-73-1	
1,4-Dichlorobenzene	<0.21	ug/L	1.0	0.21	1		03/23/17 18:49	106-46-7	
Dichlorodifluoromethane	<0.23	ug/L	1.0	0.23	1		03/23/17 18:49	75-71-8	
1,1-Dichloroethane	<0.17	ug/L	1.0	0.17	1		03/23/17 18:49	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		03/23/17 18:49	107-06-2	
1,1-Dichloroethene	<0.28	ug/L	1.0	0.28	1		03/23/17 18:49	75-35-4	
cis-1,2-Dichloroethene	8.0	ug/L	1.0	0.12	1		03/23/17 18:49	156-59-2	
trans-1,2-Dichloroethene	<0.16	ug/L	1.0	0.16	1		03/23/17 18:49	156-60-5	
Dichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		03/23/17 18:49	75-43-4	
1,2-Dichloropropane	<0.22	ug/L	4.0	0.22	1		03/23/17 18:49	78-87-5	
1,3-Dichloropropane	<0.096	ug/L	4.0	0.096	1		03/23/17 18:49	142-28-9	
2,2-Dichloropropane	<0.13	ug/L	4.0	0.13	1		03/23/17 18:49	594-20-7	
1,1-Dichloropropene	<0.23	ug/L	1.0	0.23	1		03/23/17 18:49	563-58-6	
cis-1,3-Dichloropropene	<0.15	ug/L	4.0	0.15	1		03/23/17 18:49	10061-01-5	
trans-1,3-Dichloropropene	<0.15	ug/L	4.0	0.15	1		03/23/17 18:49	10061-02-6	
Diethyl ether (Ethyl ether)	<0.19	ug/L	4.0	0.19	1		03/23/17 18:49	60-29-7	
Ethylbenzene	<0.15	ug/L	1.0	0.15	1		03/23/17 18:49	100-41-4	

### REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

**Sample: MW-7EQ**      **Lab ID: 10382059004**      Collected: 03/15/17 10:00      Received: 03/16/17 17:15      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260B VOC</b> Analytical Method: EPA 8260B									
Hexachloro-1,3-butadiene	<0.18	ug/L	4.0	0.18	1		03/23/17 18:49	87-68-3	
Isopropylbenzene (Cumene)	<0.25	ug/L	1.0	0.25	1		03/23/17 18:49	98-82-8	
p-Isopropyltoluene	<0.19	ug/L	1.0	0.19	1		03/23/17 18:49	99-87-6	
Methylene Chloride	<0.29	ug/L	4.0	0.29	1		03/23/17 18:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.43	ug/L	5.0	0.43	1		03/23/17 18:49	108-10-1	
Methyl-tert-butyl ether	<0.15	ug/L	1.0	0.15	1		03/23/17 18:49	1634-04-4	
Naphthalene	0.34J	ug/L	4.0	0.20	1		03/23/17 18:49	91-20-3	
n-Propylbenzene	<0.23	ug/L	1.0	0.23	1		03/23/17 18:49	103-65-1	
Styrene	<0.29	ug/L	1.0	0.29	1		03/23/17 18:49	100-42-5	
1,1,1,2-Tetrachloroethane	<0.17	ug/L	4.0	0.17	1		03/23/17 18:49	630-20-6	
1,1,2,2-Tetrachloroethane	<0.22	ug/L	1.0	0.22	1		03/23/17 18:49	79-34-5	
Tetrachloroethene	7.7	ug/L	1.0	0.25	1		03/23/17 18:49	127-18-4	
Tetrahydrofuran	<1.5	ug/L	10.0	1.5	1		03/23/17 18:49	109-99-9	
Toluene	<0.14	ug/L	1.0	0.14	1		03/23/17 18:49	108-88-3	
1,2,3-Trichlorobenzene	<0.21	ug/L	4.0	0.21	1		03/23/17 18:49	87-61-6	
1,2,4-Trichlorobenzene	<0.21	ug/L	4.0	0.21	1		03/23/17 18:49	120-82-1	
1,1,1-Trichloroethane	<0.17	ug/L	1.0	0.17	1		03/23/17 18:49	71-55-6	
1,1,2-Trichloroethane	<0.15	ug/L	1.0	0.15	1		03/23/17 18:49	79-00-5	
Trichloroethene	4.6	ug/L	0.40	0.052	1		03/23/17 18:49	79-01-6	
Trichlorofluoromethane	<0.33	ug/L	1.0	0.33	1		03/23/17 18:49	75-69-4	
1,2,3-Trichloropropane	<0.28	ug/L	4.0	0.28	1		03/23/17 18:49	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.32	ug/L	4.0	0.32	1		03/23/17 18:49	76-13-1	
1,2,4-Trimethylbenzene	0.23J	ug/L	1.0	0.18	1		03/23/17 18:49	95-63-6	
1,3,5-Trimethylbenzene	<0.27	ug/L	1.0	0.27	1		03/23/17 18:49	108-67-8	
Vinyl chloride	<0.069	ug/L	0.20	0.069	1		03/23/17 18:49	75-01-4	
Xylene (Total)	<0.32	ug/L	3.0	0.32	1		03/23/17 18:49	1330-20-7	
<b>Surrogates</b>									
1,2-Dichloroethane-d4 (S)	111	%	75-125		1		03/23/17 18:49	17060-07-0	
Toluene-d8 (S)	101	%	75-125		1		03/23/17 18:49	2037-26-5	
4-Bromofluorobenzene (S)	103	%	75-125		1		03/23/17 18:49	460-00-4	

## REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

**Sample: MW-6**      **Lab ID: 10382059005**      Collected: 03/15/17 10:30      Received: 03/16/17 17:15      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>RSK 175 AIR Headspace</b>		Analytical Method: RSK 175							
Ethane	<0.87	ug/L	10.0	0.87	1		03/22/17 14:05	74-84-0	
Ethene	<0.77	ug/L	10.0	0.77	1		03/22/17 14:05	74-85-1	
Methane	39.8	ug/L	10.0	0.49	1		03/22/17 14:05	74-82-8	
<b>8260B VOC</b>		Analytical Method: EPA 8260B							
Acetone	<2.0	ug/L	20.0	2.0	1		03/23/17 19:05	67-64-1	
Allyl chloride	<0.25	ug/L	4.0	0.25	1		03/23/17 19:05	107-05-1	
Benzene	<0.16	ug/L	1.0	0.16	1		03/23/17 19:05	71-43-2	
Bromobenzene	<0.34	ug/L	1.0	0.34	1		03/23/17 19:05	108-86-1	
Bromochloromethane	<0.19	ug/L	1.0	0.19	1		03/23/17 19:05	74-97-5	
Bromodichloromethane	<0.24	ug/L	1.0	0.24	1		03/23/17 19:05	75-27-4	
Bromoform	<0.27	ug/L	4.0	0.27	1		03/23/17 19:05	75-25-2	
Bromomethane	<0.44	ug/L	4.0	0.44	1		03/23/17 19:05	74-83-9	
2-Butanone (MEK)	<1.1	ug/L	5.0	1.1	1		03/23/17 19:05	78-93-3	
n-Butylbenzene	<0.16	ug/L	1.0	0.16	1		03/23/17 19:05	104-51-8	
sec-Butylbenzene	<0.19	ug/L	1.0	0.19	1		03/23/17 19:05	135-98-8	
tert-Butylbenzene	<0.22	ug/L	1.0	0.22	1		03/23/17 19:05	98-06-6	
Carbon tetrachloride	<0.20	ug/L	1.0	0.20	1		03/23/17 19:05	56-23-5	
Chlorobenzene	<0.11	ug/L	1.0	0.11	1		03/23/17 19:05	108-90-7	
Chloroethane	<0.34	ug/L	1.0	0.34	1		03/23/17 19:05	75-00-3	
Chloroform	<0.21	ug/L	1.0	0.21	1		03/23/17 19:05	67-66-3	
Chloromethane	<0.25	ug/L	4.0	0.25	1		03/23/17 19:05	74-87-3	
2-Chlorotoluene	<0.30	ug/L	1.0	0.30	1		03/23/17 19:05	95-49-8	
4-Chlorotoluene	<0.26	ug/L	1.0	0.26	1		03/23/17 19:05	106-43-4	
1,2-Dibromo-3-chloropropane	<0.60	ug/L	4.0	0.60	1		03/23/17 19:05	96-12-8	
Dibromochloromethane	<0.16	ug/L	4.0	0.16	1		03/23/17 19:05	124-48-1	
1,2-Dibromoethane (EDB)	<0.20	ug/L	4.0	0.20	1		03/23/17 19:05	106-93-4	
Dibromomethane	<0.19	ug/L	4.0	0.19	1		03/23/17 19:05	74-95-3	
1,2-Dichlorobenzene	<0.17	ug/L	1.0	0.17	1		03/23/17 19:05	95-50-1	
1,3-Dichlorobenzene	<0.12	ug/L	1.0	0.12	1		03/23/17 19:05	541-73-1	
1,4-Dichlorobenzene	<0.21	ug/L	1.0	0.21	1		03/23/17 19:05	106-46-7	
Dichlorodifluoromethane	<0.23	ug/L	1.0	0.23	1		03/23/17 19:05	75-71-8	
1,1-Dichloroethane	<0.17	ug/L	1.0	0.17	1		03/23/17 19:05	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		03/23/17 19:05	107-06-2	
1,1-Dichloroethene	<0.28	ug/L	1.0	0.28	1		03/23/17 19:05	75-35-4	
cis-1,2-Dichloroethene	50.1	ug/L	1.0	0.12	1		03/23/17 19:05	156-59-2	
trans-1,2-Dichloroethene	<0.16	ug/L	1.0	0.16	1		03/23/17 19:05	156-60-5	
Dichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		03/23/17 19:05	75-43-4	
1,2-Dichloropropane	<0.22	ug/L	4.0	0.22	1		03/23/17 19:05	78-87-5	
1,3-Dichloropropane	<0.096	ug/L	4.0	0.096	1		03/23/17 19:05	142-28-9	
2,2-Dichloropropane	<0.13	ug/L	4.0	0.13	1		03/23/17 19:05	594-20-7	
1,1-Dichloropropene	<0.23	ug/L	1.0	0.23	1		03/23/17 19:05	563-58-6	
cis-1,3-Dichloropropene	<0.15	ug/L	4.0	0.15	1		03/23/17 19:05	10061-01-5	
trans-1,3-Dichloropropene	<0.15	ug/L	4.0	0.15	1		03/23/17 19:05	10061-02-6	
Diethyl ether (Ethyl ether)	<0.19	ug/L	4.0	0.19	1		03/23/17 19:05	60-29-7	
Ethylbenzene	<0.15	ug/L	1.0	0.15	1		03/23/17 19:05	100-41-4	

### REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

**Sample: MW-6**      **Lab ID: 10382059005**      Collected: 03/15/17 10:30      Received: 03/16/17 17:15      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260B VOC</b> Analytical Method: EPA 8260B									
Hexachloro-1,3-butadiene	<0.18	ug/L	4.0	0.18	1		03/23/17 19:05	87-68-3	
Isopropylbenzene (Cumene)	<0.25	ug/L	1.0	0.25	1		03/23/17 19:05	98-82-8	
p-Isopropyltoluene	<0.19	ug/L	1.0	0.19	1		03/23/17 19:05	99-87-6	
Methylene Chloride	<0.29	ug/L	4.0	0.29	1		03/23/17 19:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.43	ug/L	5.0	0.43	1		03/23/17 19:05	108-10-1	
Methyl-tert-butyl ether	<0.15	ug/L	1.0	0.15	1		03/23/17 19:05	1634-04-4	
Naphthalene	<0.20	ug/L	4.0	0.20	1		03/23/17 19:05	91-20-3	
n-Propylbenzene	<0.23	ug/L	1.0	0.23	1		03/23/17 19:05	103-65-1	
Styrene	<0.29	ug/L	1.0	0.29	1		03/23/17 19:05	100-42-5	
1,1,1,2-Tetrachloroethane	<0.17	ug/L	4.0	0.17	1		03/23/17 19:05	630-20-6	
1,1,2,2-Tetrachloroethane	<0.22	ug/L	1.0	0.22	1		03/23/17 19:05	79-34-5	
Tetrachloroethene	54.0	ug/L	1.0	0.25	1		03/23/17 19:05	127-18-4	
Tetrahydrofuran	<1.5	ug/L	10.0	1.5	1		03/23/17 19:05	109-99-9	
Toluene	<0.14	ug/L	1.0	0.14	1		03/23/17 19:05	108-88-3	
1,2,3-Trichlorobenzene	<0.21	ug/L	4.0	0.21	1		03/23/17 19:05	87-61-6	
1,2,4-Trichlorobenzene	<0.21	ug/L	4.0	0.21	1		03/23/17 19:05	120-82-1	
1,1,1-Trichloroethane	<0.17	ug/L	1.0	0.17	1		03/23/17 19:05	71-55-6	
1,1,2-Trichloroethane	<0.15	ug/L	1.0	0.15	1		03/23/17 19:05	79-00-5	
Trichloroethene	17.0	ug/L	0.40	0.052	1		03/23/17 19:05	79-01-6	
Trichlorofluoromethane	<0.33	ug/L	1.0	0.33	1		03/23/17 19:05	75-69-4	
1,2,3-Trichloropropane	<0.28	ug/L	4.0	0.28	1		03/23/17 19:05	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.32	ug/L	4.0	0.32	1		03/23/17 19:05	76-13-1	
1,2,4-Trimethylbenzene	<0.18	ug/L	1.0	0.18	1		03/23/17 19:05	95-63-6	
1,3,5-Trimethylbenzene	<0.27	ug/L	1.0	0.27	1		03/23/17 19:05	108-67-8	
Vinyl chloride	<0.069	ug/L	0.20	0.069	1		03/23/17 19:05	75-01-4	
Xylene (Total)	<0.32	ug/L	3.0	0.32	1		03/23/17 19:05	1330-20-7	
<b>Surrogates</b>									
1,2-Dichloroethane-d4 (S)	109	%	75-125		1		03/23/17 19:05	17060-07-0	
Toluene-d8 (S)	97	%	75-125		1		03/23/17 19:05	2037-26-5	
4-Bromofluorobenzene (S)	101	%	75-125		1		03/23/17 19:05	460-00-4	

## REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

**Sample: MW-2**      **Lab ID: 10382059006**      Collected: 03/15/17 11:15      Received: 03/16/17 17:15      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260B VOC</b> Analytical Method: EPA 8260B									
Acetone	<2.0	ug/L	20.0	2.0	1		03/24/17 20:22	67-64-1	
Allyl chloride	<0.25	ug/L	4.0	0.25	1		03/24/17 20:22	107-05-1	
Benzene	<0.16	ug/L	1.0	0.16	1		03/24/17 20:22	71-43-2	
Bromobenzene	<0.34	ug/L	1.0	0.34	1		03/24/17 20:22	108-86-1	
Bromochloromethane	<0.19	ug/L	1.0	0.19	1		03/24/17 20:22	74-97-5	
Bromodichloromethane	<0.24	ug/L	1.0	0.24	1		03/24/17 20:22	75-27-4	
Bromoform	<0.27	ug/L	4.0	0.27	1		03/24/17 20:22	75-25-2	
Bromomethane	<0.44	ug/L	4.0	0.44	1		03/24/17 20:22	74-83-9	
2-Butanone (MEK)	<1.1	ug/L	5.0	1.1	1		03/24/17 20:22	78-93-3	
n-Butylbenzene	0.31J	ug/L	1.0	0.16	1		03/24/17 20:22	104-51-8	
sec-Butylbenzene	0.34J	ug/L	1.0	0.19	1		03/24/17 20:22	135-98-8	
tert-Butylbenzene	<0.22	ug/L	1.0	0.22	1		03/24/17 20:22	98-06-6	
Carbon tetrachloride	<0.20	ug/L	1.0	0.20	1		03/24/17 20:22	56-23-5	
Chlorobenzene	<0.11	ug/L	1.0	0.11	1		03/24/17 20:22	108-90-7	
Chloroethane	<0.34	ug/L	1.0	0.34	1		03/24/17 20:22	75-00-3	
Chloroform	<0.21	ug/L	1.0	0.21	1		03/24/17 20:22	67-66-3	
Chloromethane	<0.25	ug/L	4.0	0.25	1		03/24/17 20:22	74-87-3	
2-Chlorotoluene	<0.30	ug/L	1.0	0.30	1		03/24/17 20:22	95-49-8	
4-Chlorotoluene	<0.26	ug/L	1.0	0.26	1		03/24/17 20:22	106-43-4	
1,2-Dibromo-3-chloropropane	<0.60	ug/L	4.0	0.60	1		03/24/17 20:22	96-12-8	
Dibromochloromethane	<0.16	ug/L	1.0	0.16	1		03/24/17 20:22	124-48-1	
1,2-Dibromoethane (EDB)	<0.20	ug/L	1.0	0.20	1		03/24/17 20:22	106-93-4	
Dibromomethane	<0.19	ug/L	4.0	0.19	1		03/24/17 20:22	74-95-3	
1,2-Dichlorobenzene	<0.17	ug/L	1.0	0.17	1		03/24/17 20:22	95-50-1	
1,3-Dichlorobenzene	<0.12	ug/L	1.0	0.12	1		03/24/17 20:22	541-73-1	
1,4-Dichlorobenzene	<0.21	ug/L	1.0	0.21	1		03/24/17 20:22	106-46-7	
Dichlorodifluoromethane	<0.23	ug/L	1.0	0.23	1		03/24/17 20:22	75-71-8	
1,1-Dichloroethane	<0.17	ug/L	1.0	0.17	1		03/24/17 20:22	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		03/24/17 20:22	107-06-2	
1,1-Dichloroethene	<0.28	ug/L	1.0	0.28	1		03/24/17 20:22	75-35-4	
cis-1,2-Dichloroethene	3.4	ug/L	1.0	0.12	1		03/24/17 20:22	156-59-2	
trans-1,2-Dichloroethene	<0.16	ug/L	1.0	0.16	1		03/24/17 20:22	156-60-5	
Dichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		03/24/17 20:22	75-43-4	
1,2-Dichloropropane	<0.22	ug/L	4.0	0.22	1		03/24/17 20:22	78-87-5	
1,3-Dichloropropane	<0.096	ug/L	1.0	0.096	1		03/24/17 20:22	142-28-9	
2,2-Dichloropropane	<0.13	ug/L	4.0	0.13	1		03/24/17 20:22	594-20-7	
1,1-Dichloropropene	<0.23	ug/L	1.0	0.23	1		03/24/17 20:22	563-58-6	
cis-1,3-Dichloropropene	<0.15	ug/L	4.0	0.15	1		03/24/17 20:22	10061-01-5	
trans-1,3-Dichloropropene	<0.15	ug/L	4.0	0.15	1		03/24/17 20:22	10061-02-6	
Diethyl ether (Ethyl ether)	<0.19	ug/L	4.0	0.19	1		03/24/17 20:22	60-29-7	
Ethylbenzene	<0.15	ug/L	1.0	0.15	1		03/24/17 20:22	100-41-4	
Hexachloro-1,3-butadiene	<0.18	ug/L	1.0	0.18	1		03/24/17 20:22	87-68-3	
Isopropylbenzene (Cumene)	1.1	ug/L	1.0	0.25	1		03/24/17 20:22	98-82-8	
p-Isopropyltoluene	<0.19	ug/L	1.0	0.19	1		03/24/17 20:22	99-87-6	
Methylene Chloride	<0.29	ug/L	4.0	0.29	1		03/24/17 20:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.43	ug/L	5.0	0.43	1		03/24/17 20:22	108-10-1	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

**Sample: MW-2**      **Lab ID: 10382059006**      Collected: 03/15/17 11:15      Received: 03/16/17 17:15      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260B VOC</b> Analytical Method: EPA 8260B									
Methyl-tert-butyl ether	<0.15	ug/L	1.0	0.15	1		03/24/17 20:22	1634-04-4	
Naphthalene	0.55J	ug/L	4.0	0.20	1		03/24/17 20:22	91-20-3	B
n-Propylbenzene	<0.23	ug/L	1.0	0.23	1		03/24/17 20:22	103-65-1	
Styrene	<0.29	ug/L	1.0	0.29	1		03/24/17 20:22	100-42-5	
1,1,1,2-Tetrachloroethane	<0.17	ug/L	1.0	0.17	1		03/24/17 20:22	630-20-6	
1,1,2,2-Tetrachloroethane	<0.22	ug/L	1.0	0.22	1		03/24/17 20:22	79-34-5	
Tetrachloroethene	3.4	ug/L	1.0	0.25	1		03/24/17 20:22	127-18-4	
Tetrahydrofuran	<1.5	ug/L	10.0	1.5	1		03/24/17 20:22	109-99-9	
Toluene	0.39J	ug/L	1.0	0.14	1		03/24/17 20:22	108-88-3	
1,2,3-Trichlorobenzene	<0.21	ug/L	1.0	0.21	1		03/24/17 20:22	87-61-6	
1,2,4-Trichlorobenzene	<0.21	ug/L	1.0	0.21	1		03/24/17 20:22	120-82-1	
1,1,1-Trichloroethane	<0.17	ug/L	1.0	0.17	1		03/24/17 20:22	71-55-6	
1,1,2-Trichloroethane	<0.15	ug/L	1.0	0.15	1		03/24/17 20:22	79-00-5	
Trichloroethene	1.1	ug/L	0.40	0.052	1		03/24/17 20:22	79-01-6	
Trichlorofluoromethane	<0.33	ug/L	1.0	0.33	1		03/24/17 20:22	75-69-4	
1,2,3-Trichloropropane	<0.28	ug/L	4.0	0.28	1		03/24/17 20:22	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.32	ug/L	4.0	0.32	1		03/24/17 20:22	76-13-1	
1,2,4-Trimethylbenzene	<0.18	ug/L	1.0	0.18	1		03/24/17 20:22	95-63-6	
1,3,5-Trimethylbenzene	<0.27	ug/L	1.0	0.27	1		03/24/17 20:22	108-67-8	
Vinyl chloride	<0.069	ug/L	0.20	0.069	1		03/24/17 20:22	75-01-4	
Xylene (Total)	<0.32	ug/L	3.0	0.32	1		03/24/17 20:22	1330-20-7	
<b>Surrogates</b>									
1,2-Dichloroethane-d4 (S)	93	%	75-125		1		03/24/17 20:22	17060-07-0	
Toluene-d8 (S)	98	%	75-125		1		03/24/17 20:22	2037-26-5	
4-Bromofluorobenzene (S)	102	%	75-125		1		03/24/17 20:22	460-00-4	

### REPORT OF LABORATORY ANALYSIS

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



## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

**Sample: MW-3**      **Lab ID: 10382059007**      Collected: 03/15/17 11:45      Received: 03/16/17 17:15      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260B VOC</b> Analytical Method: EPA 8260B									
Acetone	<2.0	ug/L	20.0	2.0	1		03/24/17 21:11	67-64-1	
Allyl chloride	<0.25	ug/L	4.0	0.25	1		03/24/17 21:11	107-05-1	
Benzene	56.3	ug/L	1.0	0.16	1		03/24/17 21:11	71-43-2	
Bromobenzene	<0.34	ug/L	1.0	0.34	1		03/24/17 21:11	108-86-1	
Bromochloromethane	<0.19	ug/L	1.0	0.19	1		03/24/17 21:11	74-97-5	
Bromodichloromethane	<0.24	ug/L	1.0	0.24	1		03/24/17 21:11	75-27-4	
Bromoform	<0.27	ug/L	4.0	0.27	1		03/24/17 21:11	75-25-2	
Bromomethane	<0.44	ug/L	4.0	0.44	1		03/24/17 21:11	74-83-9	
2-Butanone (MEK)	<1.1	ug/L	5.0	1.1	1		03/24/17 21:11	78-93-3	
n-Butylbenzene	1.5	ug/L	1.0	0.16	1		03/24/17 21:11	104-51-8	
sec-Butylbenzene	1.3	ug/L	1.0	0.19	1		03/24/17 21:11	135-98-8	
tert-Butylbenzene	<0.22	ug/L	1.0	0.22	1		03/24/17 21:11	98-06-6	
Carbon tetrachloride	<0.20	ug/L	1.0	0.20	1		03/24/17 21:11	56-23-5	
Chlorobenzene	<0.11	ug/L	1.0	0.11	1		03/24/17 21:11	108-90-7	
Chloroethane	<0.34	ug/L	1.0	0.34	1		03/24/17 21:11	75-00-3	
Chloroform	<0.21	ug/L	1.0	0.21	1		03/24/17 21:11	67-66-3	
Chloromethane	<0.25	ug/L	4.0	0.25	1		03/24/17 21:11	74-87-3	
2-Chlorotoluene	<0.30	ug/L	1.0	0.30	1		03/24/17 21:11	95-49-8	
4-Chlorotoluene	<0.26	ug/L	1.0	0.26	1		03/24/17 21:11	106-43-4	
1,2-Dibromo-3-chloropropane	<0.60	ug/L	4.0	0.60	1		03/24/17 21:11	96-12-8	
Dibromochloromethane	<0.16	ug/L	1.0	0.16	1		03/24/17 21:11	124-48-1	
1,2-Dibromoethane (EDB)	0.31J	ug/L	1.0	0.20	1		03/24/17 21:11	106-93-4	
Dibromomethane	<0.19	ug/L	4.0	0.19	1		03/24/17 21:11	74-95-3	
1,2-Dichlorobenzene	<0.17	ug/L	1.0	0.17	1		03/24/17 21:11	95-50-1	
1,3-Dichlorobenzene	<0.12	ug/L	1.0	0.12	1		03/24/17 21:11	541-73-1	
1,4-Dichlorobenzene	<0.21	ug/L	1.0	0.21	1		03/24/17 21:11	106-46-7	
Dichlorodifluoromethane	<0.23	ug/L	1.0	0.23	1		03/24/17 21:11	75-71-8	
1,1-Dichloroethane	<0.17	ug/L	1.0	0.17	1		03/24/17 21:11	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		03/24/17 21:11	107-06-2	
1,1-Dichloroethene	0.77J	ug/L	1.0	0.28	1		03/24/17 21:11	75-35-4	
cis-1,2-Dichloroethene	297	ug/L	10.0	1.2	10		03/25/17 23:42	156-59-2	
trans-1,2-Dichloroethene	3.9	ug/L	1.0	0.16	1		03/24/17 21:11	156-60-5	
Dichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		03/24/17 21:11	75-43-4	
1,2-Dichloropropane	<0.22	ug/L	4.0	0.22	1		03/24/17 21:11	78-87-5	
1,3-Dichloropropane	<0.096	ug/L	1.0	0.096	1		03/24/17 21:11	142-28-9	
2,2-Dichloropropane	<0.13	ug/L	4.0	0.13	1		03/24/17 21:11	594-20-7	
1,1-Dichloropropene	<0.23	ug/L	1.0	0.23	1		03/24/17 21:11	563-58-6	
cis-1,3-Dichloropropene	<0.15	ug/L	4.0	0.15	1		03/24/17 21:11	10061-01-5	
trans-1,3-Dichloropropene	<0.15	ug/L	4.0	0.15	1		03/24/17 21:11	10061-02-6	
Diethyl ether (Ethyl ether)	<0.19	ug/L	4.0	0.19	1		03/24/17 21:11	60-29-7	
Ethylbenzene	37.8	ug/L	1.0	0.15	1		03/24/17 21:11	100-41-4	
Hexachloro-1,3-butadiene	<0.18	ug/L	1.0	0.18	1		03/24/17 21:11	87-68-3	
Isopropylbenzene (Cumene)	8.0	ug/L	1.0	0.25	1		03/24/17 21:11	98-82-8	
p-Isopropyltoluene	1.4	ug/L	1.0	0.19	1		03/24/17 21:11	99-87-6	
Methylene Chloride	<0.29	ug/L	4.0	0.29	1		03/24/17 21:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.43	ug/L	5.0	0.43	1		03/24/17 21:11	108-10-1	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

**Sample: MW-3**      **Lab ID: 10382059007**      Collected: 03/15/17 11:45      Received: 03/16/17 17:15      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260B VOC</b> Analytical Method: EPA 8260B									
Methyl-tert-butyl ether	<0.15	ug/L	1.0	0.15	1		03/24/17 21:11	1634-04-4	
Naphthalene	20.7	ug/L	4.0	0.20	1		03/24/17 21:11	91-20-3	
n-Propylbenzene	5.9	ug/L	1.0	0.23	1		03/24/17 21:11	103-65-1	
Styrene	1.2	ug/L	1.0	0.29	1		03/24/17 21:11	100-42-5	
1,1,1,2-Tetrachloroethane	<0.17	ug/L	1.0	0.17	1		03/24/17 21:11	630-20-6	
1,1,2,2-Tetrachloroethane	<0.22	ug/L	1.0	0.22	1		03/24/17 21:11	79-34-5	
Tetrachloroethene	726	ug/L	10.0	2.5	10		03/25/17 23:42	127-18-4	
Tetrahydrofuran	<1.5	ug/L	10.0	1.5	1		03/24/17 21:11	109-99-9	
Toluene	28.5	ug/L	1.0	0.14	1		03/24/17 21:11	108-88-3	
1,2,3-Trichlorobenzene	<0.21	ug/L	1.0	0.21	1		03/24/17 21:11	87-61-6	
1,2,4-Trichlorobenzene	<0.21	ug/L	1.0	0.21	1		03/24/17 21:11	120-82-1	
1,1,1-Trichloroethane	<0.17	ug/L	1.0	0.17	1		03/24/17 21:11	71-55-6	
1,1,2-Trichloroethane	<0.15	ug/L	1.0	0.15	1		03/24/17 21:11	79-00-5	
Trichloroethene	113	ug/L	0.40	0.052	1		03/24/17 21:11	79-01-6	
Trichlorofluoromethane	<0.33	ug/L	1.0	0.33	1		03/24/17 21:11	75-69-4	
1,2,3-Trichloropropane	<0.28	ug/L	4.0	0.28	1		03/24/17 21:11	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.32	ug/L	4.0	0.32	1		03/24/17 21:11	76-13-1	
1,2,4-Trimethylbenzene	36.6	ug/L	1.0	0.18	1		03/24/17 21:11	95-63-6	
1,3,5-Trimethylbenzene	7.8	ug/L	1.0	0.27	1		03/24/17 21:11	108-67-8	
Vinyl chloride	0.31	ug/L	0.20	0.069	1		03/24/17 21:11	75-01-4	D6
Xylene (Total)	81.9	ug/L	3.0	0.32	1		03/24/17 21:11	1330-20-7	
<b>Surrogates</b>									
1,2-Dichloroethane-d4 (S)	94	%	75-125		1		03/24/17 21:11	17060-07-0	
Toluene-d8 (S)	98	%	75-125		1		03/24/17 21:11	2037-26-5	
4-Bromofluorobenzene (S)	102	%	75-125		1		03/24/17 21:11	460-00-4	

### REPORT OF LABORATORY ANALYSIS

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



## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

**Sample: MW-1**      **Lab ID: 10382059008**      Collected: 03/15/17 13:00      Received: 03/16/17 17:15      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>RSK 175 AIR Headspace</b>		Analytical Method: RSK 175							
Ethane	<0.87	ug/L	10.0	0.87	1		03/22/17 14:12	74-84-0	
Ethene	<0.77	ug/L	10.0	0.77	1		03/22/17 14:12	74-85-1	
Methane	2840	ug/L	10.0	0.49	1		03/22/17 14:12	74-82-8	
<b>8260B VOC</b>		Analytical Method: EPA 8260B							
Acetone	<10.0	ug/L	100	10.0	5		03/24/17 23:38	67-64-1	
Allyl chloride	<1.2	ug/L	20.0	1.2	5		03/24/17 23:38	107-05-1	
Benzene	85.6	ug/L	5.0	0.78	5		03/24/17 23:38	71-43-2	
Bromobenzene	<1.7	ug/L	5.0	1.7	5		03/24/17 23:38	108-86-1	
Bromochloromethane	<0.93	ug/L	5.0	0.93	5		03/24/17 23:38	74-97-5	
Bromodichloromethane	<1.2	ug/L	5.0	1.2	5		03/24/17 23:38	75-27-4	
Bromoform	<1.4	ug/L	20.0	1.4	5		03/24/17 23:38	75-25-2	
Bromomethane	<2.2	ug/L	20.0	2.2	5		03/24/17 23:38	74-83-9	
2-Butanone (MEK)	<5.5	ug/L	25.0	5.5	5		03/24/17 23:38	78-93-3	
n-Butylbenzene	2.2J	ug/L	5.0	0.80	5		03/24/17 23:38	104-51-8	
sec-Butylbenzene	2.0J	ug/L	5.0	0.94	5		03/24/17 23:38	135-98-8	
tert-Butylbenzene	<1.1	ug/L	5.0	1.1	5		03/24/17 23:38	98-06-6	
Carbon tetrachloride	<0.98	ug/L	5.0	0.98	5		03/24/17 23:38	56-23-5	
Chlorobenzene	<0.57	ug/L	5.0	0.57	5		03/24/17 23:38	108-90-7	
Chloroethane	<1.7	ug/L	5.0	1.7	5		03/24/17 23:38	75-00-3	
Chloroform	<1.0	ug/L	5.0	1.0	5		03/24/17 23:38	67-66-3	
Chloromethane	<1.2	ug/L	20.0	1.2	5		03/24/17 23:38	74-87-3	
2-Chlorotoluene	<1.5	ug/L	5.0	1.5	5		03/24/17 23:38	95-49-8	
4-Chlorotoluene	<1.3	ug/L	5.0	1.3	5		03/24/17 23:38	106-43-4	
1,2-Dibromo-3-chloropropane	<3.0	ug/L	20.0	3.0	5		03/24/17 23:38	96-12-8	
Dibromochloromethane	<0.78	ug/L	5.0	0.78	5		03/24/17 23:38	124-48-1	
1,2-Dibromoethane (EDB)	<1.0	ug/L	5.0	1.0	5		03/24/17 23:38	106-93-4	
Dibromomethane	<0.97	ug/L	20.0	0.97	5		03/24/17 23:38	74-95-3	
1,2-Dichlorobenzene	<0.86	ug/L	5.0	0.86	5		03/24/17 23:38	95-50-1	
1,3-Dichlorobenzene	<0.58	ug/L	5.0	0.58	5		03/24/17 23:38	541-73-1	
1,4-Dichlorobenzene	<1.1	ug/L	5.0	1.1	5		03/24/17 23:38	106-46-7	
Dichlorodifluoromethane	<1.1	ug/L	5.0	1.1	5		03/24/17 23:38	75-71-8	
1,1-Dichloroethane	<0.86	ug/L	5.0	0.86	5		03/24/17 23:38	75-34-3	
1,2-Dichloroethane	<0.85	ug/L	5.0	0.85	5		03/24/17 23:38	107-06-2	
1,1-Dichloroethene	<1.4	ug/L	5.0	1.4	5		03/24/17 23:38	75-35-4	
cis-1,2-Dichloroethene	340	ug/L	5.0	0.60	5		03/24/17 23:38	156-59-2	
trans-1,2-Dichloroethene	<0.81	ug/L	5.0	0.81	5		03/24/17 23:38	156-60-5	
Dichlorofluoromethane	<1.1	ug/L	5.0	1.1	5		03/24/17 23:38	75-43-4	
1,2-Dichloropropane	<1.1	ug/L	20.0	1.1	5		03/24/17 23:38	78-87-5	
1,3-Dichloropropane	<0.48	ug/L	5.0	0.48	5		03/24/17 23:38	142-28-9	
2,2-Dichloropropane	<0.64	ug/L	20.0	0.64	5		03/24/17 23:38	594-20-7	
1,1-Dichloropropene	<1.1	ug/L	5.0	1.1	5		03/24/17 23:38	563-58-6	
cis-1,3-Dichloropropene	<0.75	ug/L	20.0	0.75	5		03/24/17 23:38	10061-01-5	
trans-1,3-Dichloropropene	<0.74	ug/L	20.0	0.74	5		03/24/17 23:38	10061-02-6	
Diethyl ether (Ethyl ether)	<0.97	ug/L	20.0	0.97	5		03/24/17 23:38	60-29-7	
Ethylbenzene	62.7	ug/L	5.0	0.76	5		03/24/17 23:38	100-41-4	

### REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

**Sample: MW-1**      **Lab ID: 10382059008**      Collected: 03/15/17 13:00      Received: 03/16/17 17:15      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260B VOC</b> Analytical Method: EPA 8260B									
Hexachloro-1,3-butadiene	<0.89	ug/L	5.0	0.89	5		03/24/17 23:38	87-68-3	
Isopropylbenzene (Cumene)	10.1	ug/L	5.0	1.3	5		03/24/17 23:38	98-82-8	
p-Isopropyltoluene	2.9J	ug/L	5.0	0.97	5		03/24/17 23:38	99-87-6	
Methylene Chloride	<1.5	ug/L	20.0	1.5	5		03/24/17 23:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	<2.2	ug/L	25.0	2.2	5		03/24/17 23:38	108-10-1	
Methyl-tert-butyl ether	<0.74	ug/L	5.0	0.74	5		03/24/17 23:38	1634-04-4	
Naphthalene	36.1	ug/L	20.0	1.0	5		03/24/17 23:38	91-20-3	
n-Propylbenzene	8.9	ug/L	5.0	1.2	5		03/24/17 23:38	103-65-1	
Styrene	1.9J	ug/L	5.0	1.4	5		03/24/17 23:38	100-42-5	
1,1,1,2-Tetrachloroethane	<0.83	ug/L	5.0	0.83	5		03/24/17 23:38	630-20-6	
1,1,2,2-Tetrachloroethane	<1.1	ug/L	5.0	1.1	5		03/24/17 23:38	79-34-5	
Tetrachloroethene	727	ug/L	5.0	1.3	5		03/24/17 23:38	127-18-4	
Tetrahydrofuran	<7.5	ug/L	50.0	7.5	5		03/24/17 23:38	109-99-9	
Toluene	49.5	ug/L	5.0	0.72	5		03/24/17 23:38	108-88-3	
1,2,3-Trichlorobenzene	<1.1	ug/L	5.0	1.1	5		03/24/17 23:38	87-61-6	
1,2,4-Trichlorobenzene	<1.1	ug/L	5.0	1.1	5		03/24/17 23:38	120-82-1	
1,1,1-Trichloroethane	<0.85	ug/L	5.0	0.85	5		03/24/17 23:38	71-55-6	
1,1,2-Trichloroethane	<0.76	ug/L	5.0	0.76	5		03/24/17 23:38	79-00-5	
Trichloroethene	101	ug/L	2.0	0.26	5		03/24/17 23:38	79-01-6	
Trichlorofluoromethane	<1.6	ug/L	5.0	1.6	5		03/24/17 23:38	75-69-4	
1,2,3-Trichloropropane	<1.4	ug/L	20.0	1.4	5		03/24/17 23:38	96-18-4	
1,1,2-Trichlorotrifluoroethane	<1.6	ug/L	20.0	1.6	5		03/24/17 23:38	76-13-1	
1,2,4-Trimethylbenzene	78.3	ug/L	5.0	0.89	5		03/24/17 23:38	95-63-6	
1,3,5-Trimethylbenzene	18.9	ug/L	5.0	1.3	5		03/24/17 23:38	108-67-8	
Vinyl chloride	<0.34	ug/L	1.0	0.34	5		03/24/17 23:38	75-01-4	
Xylene (Total)	186	ug/L	15.0	1.6	5		03/24/17 23:38	1330-20-7	
<b>Surrogates</b>									
1,2-Dichloroethane-d4 (S)	92	%	75-125		5		03/24/17 23:38	17060-07-0	
Toluene-d8 (S)	97	%	75-125		5		03/24/17 23:38	2037-26-5	
4-Bromofluorobenzene (S)	101	%	75-125		5		03/24/17 23:38	460-00-4	

## REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

**Sample: MW-5EQ**      **Lab ID: 10382059009**      Collected: 03/15/17 09:15      Received: 03/16/17 17:15      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260B VOC</b> Analytical Method: EPA 8260B									
Acetone	<2.0	ug/L	20.0	2.0	1		03/25/17 18:32	67-64-1	
Allyl chloride	<0.25	ug/L	4.0	0.25	1		03/25/17 18:32	107-05-1	
Benzene	<0.16	ug/L	1.0	0.16	1		03/25/17 18:32	71-43-2	
Bromobenzene	<0.34	ug/L	1.0	0.34	1		03/25/17 18:32	108-86-1	
Bromochloromethane	<0.19	ug/L	1.0	0.19	1		03/25/17 18:32	74-97-5	
Bromodichloromethane	<0.24	ug/L	1.0	0.24	1		03/25/17 18:32	75-27-4	
Bromoform	<0.27	ug/L	4.0	0.27	1		03/25/17 18:32	75-25-2	
Bromomethane	<0.44	ug/L	4.0	0.44	1		03/25/17 18:32	74-83-9	
2-Butanone (MEK)	<1.1	ug/L	5.0	1.1	1		03/25/17 18:32	78-93-3	
n-Butylbenzene	<0.16	ug/L	1.0	0.16	1		03/25/17 18:32	104-51-8	
sec-Butylbenzene	<0.19	ug/L	1.0	0.19	1		03/25/17 18:32	135-98-8	
tert-Butylbenzene	<0.22	ug/L	1.0	0.22	1		03/25/17 18:32	98-06-6	
Carbon tetrachloride	<0.20	ug/L	1.0	0.20	1		03/25/17 18:32	56-23-5	
Chlorobenzene	<0.11	ug/L	1.0	0.11	1		03/25/17 18:32	108-90-7	
Chloroethane	<0.34	ug/L	1.0	0.34	1		03/25/17 18:32	75-00-3	
Chloroform	<0.21	ug/L	1.0	0.21	1		03/25/17 18:32	67-66-3	
Chloromethane	<0.25	ug/L	4.0	0.25	1		03/25/17 18:32	74-87-3	
2-Chlorotoluene	<0.30	ug/L	1.0	0.30	1		03/25/17 18:32	95-49-8	
4-Chlorotoluene	<0.26	ug/L	1.0	0.26	1		03/25/17 18:32	106-43-4	
1,2-Dibromo-3-chloropropane	<0.60	ug/L	4.0	0.60	1		03/25/17 18:32	96-12-8	
Dibromochloromethane	<0.16	ug/L	1.0	0.16	1		03/25/17 18:32	124-48-1	
1,2-Dibromoethane (EDB)	<0.20	ug/L	1.0	0.20	1		03/25/17 18:32	106-93-4	
Dibromomethane	<0.19	ug/L	4.0	0.19	1		03/25/17 18:32	74-95-3	
1,2-Dichlorobenzene	<0.17	ug/L	1.0	0.17	1		03/25/17 18:32	95-50-1	
1,3-Dichlorobenzene	<0.12	ug/L	1.0	0.12	1		03/25/17 18:32	541-73-1	
1,4-Dichlorobenzene	<0.21	ug/L	1.0	0.21	1		03/25/17 18:32	106-46-7	
Dichlorodifluoromethane	<0.23	ug/L	1.0	0.23	1		03/25/17 18:32	75-71-8	
1,1-Dichloroethane	<0.17	ug/L	1.0	0.17	1		03/25/17 18:32	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		03/25/17 18:32	107-06-2	
1,1-Dichloroethene	<0.28	ug/L	1.0	0.28	1		03/25/17 18:32	75-35-4	
cis-1,2-Dichloroethene	<0.12	ug/L	1.0	0.12	1		03/25/17 18:32	156-59-2	
trans-1,2-Dichloroethene	<0.16	ug/L	1.0	0.16	1		03/25/17 18:32	156-60-5	
Dichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		03/25/17 18:32	75-43-4	
1,2-Dichloropropane	<0.22	ug/L	4.0	0.22	1		03/25/17 18:32	78-87-5	
1,3-Dichloropropane	<0.096	ug/L	1.0	0.096	1		03/25/17 18:32	142-28-9	
2,2-Dichloropropane	<0.13	ug/L	4.0	0.13	1		03/25/17 18:32	594-20-7	
1,1-Dichloropropene	<0.23	ug/L	1.0	0.23	1		03/25/17 18:32	563-58-6	
cis-1,3-Dichloropropene	<0.15	ug/L	4.0	0.15	1		03/25/17 18:32	10061-01-5	
trans-1,3-Dichloropropene	<0.15	ug/L	4.0	0.15	1		03/25/17 18:32	10061-02-6	
Diethyl ether (Ethyl ether)	<0.19	ug/L	4.0	0.19	1		03/25/17 18:32	60-29-7	
Ethylbenzene	<0.15	ug/L	1.0	0.15	1		03/25/17 18:32	100-41-4	
Hexachloro-1,3-butadiene	<0.18	ug/L	1.0	0.18	1		03/25/17 18:32	87-68-3	
Isopropylbenzene (Cumene)	<0.25	ug/L	1.0	0.25	1		03/25/17 18:32	98-82-8	
p-Isopropyltoluene	<0.19	ug/L	1.0	0.19	1		03/25/17 18:32	99-87-6	
Methylene Chloride	<0.29	ug/L	4.0	0.29	1		03/25/17 18:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.43	ug/L	5.0	0.43	1		03/25/17 18:32	108-10-1	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

**Sample: MW-5EQ**      **Lab ID: 10382059009**      Collected: 03/15/17 09:15      Received: 03/16/17 17:15      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260B VOC</b> Analytical Method: EPA 8260B									
Methyl-tert-butyl ether	<0.15	ug/L	1.0	0.15	1		03/25/17 18:32	1634-04-4	
Naphthalene	<0.20	ug/L	4.0	0.20	1		03/25/17 18:32	91-20-3	
n-Propylbenzene	<0.23	ug/L	1.0	0.23	1		03/25/17 18:32	103-65-1	
Styrene	<0.29	ug/L	1.0	0.29	1		03/25/17 18:32	100-42-5	
1,1,1,2-Tetrachloroethane	<0.17	ug/L	1.0	0.17	1		03/25/17 18:32	630-20-6	
1,1,2,2-Tetrachloroethane	<0.22	ug/L	1.0	0.22	1		03/25/17 18:32	79-34-5	
Tetrachloroethene	21.6	ug/L	1.0	0.25	1		03/25/17 18:32	127-18-4	
Tetrahydrofuran	2.8J	ug/L	10.0	1.5	1		03/25/17 18:32	109-99-9	
Toluene	0.17J	ug/L	1.0	0.14	1		03/25/17 18:32	108-88-3	
1,2,3-Trichlorobenzene	<0.21	ug/L	1.0	0.21	1		03/25/17 18:32	87-61-6	
1,2,4-Trichlorobenzene	<0.21	ug/L	1.0	0.21	1		03/25/17 18:32	120-82-1	
1,1,1-Trichloroethane	0.60J	ug/L	1.0	0.17	1		03/25/17 18:32	71-55-6	
1,1,2-Trichloroethane	<0.15	ug/L	1.0	0.15	1		03/25/17 18:32	79-00-5	
Trichloroethene	0.90	ug/L	0.40	0.052	1		03/25/17 18:32	79-01-6	
Trichlorofluoromethane	<0.33	ug/L	1.0	0.33	1		03/25/17 18:32	75-69-4	
1,2,3-Trichloropropane	<0.28	ug/L	4.0	0.28	1		03/25/17 18:32	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.32	ug/L	4.0	0.32	1		03/25/17 18:32	76-13-1	
1,2,4-Trimethylbenzene	<0.18	ug/L	1.0	0.18	1		03/25/17 18:32	95-63-6	
1,3,5-Trimethylbenzene	<0.27	ug/L	1.0	0.27	1		03/25/17 18:32	108-67-8	
Vinyl chloride	<0.069	ug/L	0.20	0.069	1		03/25/17 18:32	75-01-4	
Xylene (Total)	<0.32	ug/L	3.0	0.32	1		03/25/17 18:32	1330-20-7	
<b>Surrogates</b>									
1,2-Dichloroethane-d4 (S)	97	%	75-125		1		03/25/17 18:32	17060-07-0	
Toluene-d8 (S)	99	%	75-125		1		03/25/17 18:32	2037-26-5	
4-Bromofluorobenzene (S)	101	%	75-125		1		03/25/17 18:32	460-00-4	

### REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

**Sample: DUP**      **Lab ID: 10382059010**      Collected: 03/15/17 06:00      Received: 03/16/17 17:15      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260B VOC</b> Analytical Method: EPA 8260B									
Acetone	<2.0	ug/L	20.0	2.0	1		03/25/17 18:49	67-64-1	
Allyl chloride	<0.25	ug/L	4.0	0.25	1		03/25/17 18:49	107-05-1	
Benzene	<0.16	ug/L	1.0	0.16	1		03/25/17 18:49	71-43-2	
Bromobenzene	<0.34	ug/L	1.0	0.34	1		03/25/17 18:49	108-86-1	
Bromochloromethane	<0.19	ug/L	1.0	0.19	1		03/25/17 18:49	74-97-5	
Bromodichloromethane	<0.24	ug/L	1.0	0.24	1		03/25/17 18:49	75-27-4	
Bromoform	<0.27	ug/L	4.0	0.27	1		03/25/17 18:49	75-25-2	
Bromomethane	<0.44	ug/L	4.0	0.44	1		03/25/17 18:49	74-83-9	
2-Butanone (MEK)	<1.1	ug/L	5.0	1.1	1		03/25/17 18:49	78-93-3	
n-Butylbenzene	0.23J	ug/L	1.0	0.16	1		03/25/17 18:49	104-51-8	
sec-Butylbenzene	<0.19	ug/L	1.0	0.19	1		03/25/17 18:49	135-98-8	
tert-Butylbenzene	<0.22	ug/L	1.0	0.22	1		03/25/17 18:49	98-06-6	
Carbon tetrachloride	<0.20	ug/L	1.0	0.20	1		03/25/17 18:49	56-23-5	
Chlorobenzene	<0.11	ug/L	1.0	0.11	1		03/25/17 18:49	108-90-7	
Chloroethane	<0.34	ug/L	1.0	0.34	1		03/25/17 18:49	75-00-3	
Chloroform	<0.21	ug/L	1.0	0.21	1		03/25/17 18:49	67-66-3	
Chloromethane	<0.25	ug/L	4.0	0.25	1		03/25/17 18:49	74-87-3	
2-Chlorotoluene	<0.30	ug/L	1.0	0.30	1		03/25/17 18:49	95-49-8	
4-Chlorotoluene	<0.26	ug/L	1.0	0.26	1		03/25/17 18:49	106-43-4	
1,2-Dibromo-3-chloropropane	<0.60	ug/L	4.0	0.60	1		03/25/17 18:49	96-12-8	
Dibromochloromethane	<0.16	ug/L	1.0	0.16	1		03/25/17 18:49	124-48-1	
1,2-Dibromoethane (EDB)	<0.20	ug/L	1.0	0.20	1		03/25/17 18:49	106-93-4	
Dibromomethane	<0.19	ug/L	4.0	0.19	1		03/25/17 18:49	74-95-3	
1,2-Dichlorobenzene	<0.17	ug/L	1.0	0.17	1		03/25/17 18:49	95-50-1	
1,3-Dichlorobenzene	<0.12	ug/L	1.0	0.12	1		03/25/17 18:49	541-73-1	
1,4-Dichlorobenzene	<0.21	ug/L	1.0	0.21	1		03/25/17 18:49	106-46-7	
Dichlorodifluoromethane	<0.23	ug/L	1.0	0.23	1		03/25/17 18:49	75-71-8	
1,1-Dichloroethane	<0.17	ug/L	1.0	0.17	1		03/25/17 18:49	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		03/25/17 18:49	107-06-2	
1,1-Dichloroethene	<0.28	ug/L	1.0	0.28	1		03/25/17 18:49	75-35-4	
cis-1,2-Dichloroethene	1.3	ug/L	1.0	0.12	1		03/25/17 18:49	156-59-2	
trans-1,2-Dichloroethene	<0.16	ug/L	1.0	0.16	1		03/25/17 18:49	156-60-5	
Dichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		03/25/17 18:49	75-43-4	
1,2-Dichloropropane	<0.22	ug/L	4.0	0.22	1		03/25/17 18:49	78-87-5	
1,3-Dichloropropane	<0.096	ug/L	1.0	0.096	1		03/25/17 18:49	142-28-9	
2,2-Dichloropropane	<0.13	ug/L	4.0	0.13	1		03/25/17 18:49	594-20-7	
1,1-Dichloropropene	<0.23	ug/L	1.0	0.23	1		03/25/17 18:49	563-58-6	
cis-1,3-Dichloropropene	<0.15	ug/L	4.0	0.15	1		03/25/17 18:49	10061-01-5	
trans-1,3-Dichloropropene	<0.15	ug/L	4.0	0.15	1		03/25/17 18:49	10061-02-6	
Diethyl ether (Ethyl ether)	<0.19	ug/L	4.0	0.19	1		03/25/17 18:49	60-29-7	
Ethylbenzene	<0.15	ug/L	1.0	0.15	1		03/25/17 18:49	100-41-4	
Hexachloro-1,3-butadiene	<0.18	ug/L	1.0	0.18	1		03/25/17 18:49	87-68-3	
Isopropylbenzene (Cumene)	0.60J	ug/L	1.0	0.25	1		03/25/17 18:49	98-82-8	
p-Isopropyltoluene	<0.19	ug/L	1.0	0.19	1		03/25/17 18:49	99-87-6	
Methylene Chloride	<0.29	ug/L	4.0	0.29	1		03/25/17 18:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.43	ug/L	5.0	0.43	1		03/25/17 18:49	108-10-1	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

**Sample: DUP**      **Lab ID: 10382059010**      Collected: 03/15/17 06:00      Received: 03/16/17 17:15      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260B VOC</b> Analytical Method: EPA 8260B									
Methyl-tert-butyl ether	<0.15	ug/L	1.0	0.15	1		03/25/17 18:49	1634-04-4	
Naphthalene	0.93J	ug/L	4.0	0.20	1		03/25/17 18:49	91-20-3	
n-Propylbenzene	<0.23	ug/L	1.0	0.23	1		03/25/17 18:49	103-65-1	
Styrene	<0.29	ug/L	1.0	0.29	1		03/25/17 18:49	100-42-5	
1,1,1,2-Tetrachloroethane	<0.17	ug/L	1.0	0.17	1		03/25/17 18:49	630-20-6	
1,1,2,2-Tetrachloroethane	<0.22	ug/L	1.0	0.22	1		03/25/17 18:49	79-34-5	
Tetrachloroethene	1.7	ug/L	1.0	0.25	1		03/25/17 18:49	127-18-4	
Tetrahydrofuran	<1.5	ug/L	10.0	1.5	1		03/25/17 18:49	109-99-9	
Toluene	0.20J	ug/L	1.0	0.14	1		03/25/17 18:49	108-88-3	
1,2,3-Trichlorobenzene	<0.21	ug/L	1.0	0.21	1		03/25/17 18:49	87-61-6	
1,2,4-Trichlorobenzene	<0.21	ug/L	1.0	0.21	1		03/25/17 18:49	120-82-1	
1,1,1-Trichloroethane	<0.17	ug/L	1.0	0.17	1		03/25/17 18:49	71-55-6	
1,1,2-Trichloroethane	<0.15	ug/L	1.0	0.15	1		03/25/17 18:49	79-00-5	
Trichloroethene	0.51	ug/L	0.40	0.052	1		03/25/17 18:49	79-01-6	
Trichlorofluoromethane	<0.33	ug/L	1.0	0.33	1		03/25/17 18:49	75-69-4	
1,2,3-Trichloropropane	<0.28	ug/L	4.0	0.28	1		03/25/17 18:49	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.32	ug/L	4.0	0.32	1		03/25/17 18:49	76-13-1	
1,2,4-Trimethylbenzene	<0.18	ug/L	1.0	0.18	1		03/25/17 18:49	95-63-6	
1,3,5-Trimethylbenzene	<0.27	ug/L	1.0	0.27	1		03/25/17 18:49	108-67-8	
Vinyl chloride	<0.069	ug/L	0.20	0.069	1		03/25/17 18:49	75-01-4	
Xylene (Total)	<0.32	ug/L	3.0	0.32	1		03/25/17 18:49	1330-20-7	
<b>Surrogates</b>									
1,2-Dichloroethane-d4 (S)	97	%	75-125		1		03/25/17 18:49	17060-07-0	
Toluene-d8 (S)	98	%	75-125		1		03/25/17 18:49	2037-26-5	
4-Bromofluorobenzene (S)	99	%	75-125		1		03/25/17 18:49	460-00-4	

### REPORT OF LABORATORY ANALYSIS

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



## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

**Sample:** Trip Blank      **Lab ID:** 10382059011      Collected: 03/15/17 00:00      Received: 03/16/17 17:15      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260B VOC</b>		Analytical Method: EPA 8260B							
Acetone	<2.0	ug/L	20.0	2.0	1		03/24/17 19:17	67-64-1	
Allyl chloride	<0.25	ug/L	4.0	0.25	1		03/24/17 19:17	107-05-1	
Benzene	<0.16	ug/L	1.0	0.16	1		03/24/17 19:17	71-43-2	
Bromobenzene	<0.34	ug/L	1.0	0.34	1		03/24/17 19:17	108-86-1	
Bromochloromethane	<0.19	ug/L	1.0	0.19	1		03/24/17 19:17	74-97-5	
Bromodichloromethane	<0.24	ug/L	1.0	0.24	1		03/24/17 19:17	75-27-4	
Bromoform	<0.27	ug/L	4.0	0.27	1		03/24/17 19:17	75-25-2	
Bromomethane	<0.44	ug/L	4.0	0.44	1		03/24/17 19:17	74-83-9	
2-Butanone (MEK)	<1.1	ug/L	5.0	1.1	1		03/24/17 19:17	78-93-3	
n-Butylbenzene	<0.16	ug/L	1.0	0.16	1		03/24/17 19:17	104-51-8	
sec-Butylbenzene	<0.19	ug/L	1.0	0.19	1		03/24/17 19:17	135-98-8	
tert-Butylbenzene	<0.22	ug/L	1.0	0.22	1		03/24/17 19:17	98-06-6	
Carbon tetrachloride	<0.20	ug/L	1.0	0.20	1		03/24/17 19:17	56-23-5	
Chlorobenzene	<0.11	ug/L	1.0	0.11	1		03/24/17 19:17	108-90-7	
Chloroethane	<0.34	ug/L	1.0	0.34	1		03/24/17 19:17	75-00-3	
Chloroform	<0.21	ug/L	1.0	0.21	1		03/24/17 19:17	67-66-3	
Chloromethane	<0.25	ug/L	4.0	0.25	1		03/24/17 19:17	74-87-3	
2-Chlorotoluene	<0.30	ug/L	1.0	0.30	1		03/24/17 19:17	95-49-8	
4-Chlorotoluene	<0.26	ug/L	1.0	0.26	1		03/24/17 19:17	106-43-4	
1,2-Dibromo-3-chloropropane	<0.60	ug/L	4.0	0.60	1		03/24/17 19:17	96-12-8	
Dibromochloromethane	<0.16	ug/L	1.0	0.16	1		03/24/17 19:17	124-48-1	
1,2-Dibromoethane (EDB)	<0.20	ug/L	1.0	0.20	1		03/24/17 19:17	106-93-4	
Dibromomethane	<0.19	ug/L	4.0	0.19	1		03/24/17 19:17	74-95-3	
1,2-Dichlorobenzene	<0.17	ug/L	1.0	0.17	1		03/24/17 19:17	95-50-1	
1,3-Dichlorobenzene	<0.12	ug/L	1.0	0.12	1		03/24/17 19:17	541-73-1	
1,4-Dichlorobenzene	<0.21	ug/L	1.0	0.21	1		03/24/17 19:17	106-46-7	
Dichlorodifluoromethane	<0.23	ug/L	1.0	0.23	1		03/24/17 19:17	75-71-8	
1,1-Dichloroethane	<0.17	ug/L	1.0	0.17	1		03/24/17 19:17	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		03/24/17 19:17	107-06-2	
1,1-Dichloroethene	<0.28	ug/L	1.0	0.28	1		03/24/17 19:17	75-35-4	
cis-1,2-Dichloroethene	<0.12	ug/L	1.0	0.12	1		03/24/17 19:17	156-59-2	
trans-1,2-Dichloroethene	<0.16	ug/L	1.0	0.16	1		03/24/17 19:17	156-60-5	
Dichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		03/24/17 19:17	75-43-4	
1,2-Dichloropropane	<0.22	ug/L	4.0	0.22	1		03/24/17 19:17	78-87-5	
1,3-Dichloropropane	<0.096	ug/L	1.0	0.096	1		03/24/17 19:17	142-28-9	
2,2-Dichloropropane	<0.13	ug/L	4.0	0.13	1		03/24/17 19:17	594-20-7	
1,1-Dichloropropene	<0.23	ug/L	1.0	0.23	1		03/24/17 19:17	563-58-6	
cis-1,3-Dichloropropene	<0.15	ug/L	4.0	0.15	1		03/24/17 19:17	10061-01-5	
trans-1,3-Dichloropropene	<0.15	ug/L	4.0	0.15	1		03/24/17 19:17	10061-02-6	
Diethyl ether (Ethyl ether)	<0.19	ug/L	4.0	0.19	1		03/24/17 19:17	60-29-7	
Ethylbenzene	<0.15	ug/L	1.0	0.15	1		03/24/17 19:17	100-41-4	
Hexachloro-1,3-butadiene	<0.18	ug/L	1.0	0.18	1		03/24/17 19:17	87-68-3	
Isopropylbenzene (Cumene)	<0.25	ug/L	1.0	0.25	1		03/24/17 19:17	98-82-8	
p-Isopropyltoluene	<0.19	ug/L	1.0	0.19	1		03/24/17 19:17	99-87-6	
Methylene Chloride	<0.29	ug/L	4.0	0.29	1		03/24/17 19:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.43	ug/L	5.0	0.43	1		03/24/17 19:17	108-10-1	

### REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

**Sample: Trip Blank**      **Lab ID: 10382059011**      Collected: 03/15/17 00:00      Received: 03/16/17 17:15      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260B VOC</b> Analytical Method: EPA 8260B									
Methyl-tert-butyl ether	<0.15	ug/L	1.0	0.15	1		03/24/17 19:17	1634-04-4	
Naphthalene	<0.20	ug/L	4.0	0.20	1		03/24/17 19:17	91-20-3	
n-Propylbenzene	<0.23	ug/L	1.0	0.23	1		03/24/17 19:17	103-65-1	
Styrene	<0.29	ug/L	1.0	0.29	1		03/24/17 19:17	100-42-5	
1,1,1,2-Tetrachloroethane	<0.17	ug/L	1.0	0.17	1		03/24/17 19:17	630-20-6	
1,1,2,2-Tetrachloroethane	<0.22	ug/L	1.0	0.22	1		03/24/17 19:17	79-34-5	
Tetrachloroethene	<0.25	ug/L	1.0	0.25	1		03/24/17 19:17	127-18-4	
Tetrahydrofuran	<1.5	ug/L	10.0	1.5	1		03/24/17 19:17	109-99-9	
Toluene	<0.14	ug/L	1.0	0.14	1		03/24/17 19:17	108-88-3	
1,2,3-Trichlorobenzene	<0.21	ug/L	1.0	0.21	1		03/24/17 19:17	87-61-6	
1,2,4-Trichlorobenzene	<0.21	ug/L	1.0	0.21	1		03/24/17 19:17	120-82-1	
1,1,1-Trichloroethane	<0.17	ug/L	1.0	0.17	1		03/24/17 19:17	71-55-6	
1,1,2-Trichloroethane	<0.15	ug/L	1.0	0.15	1		03/24/17 19:17	79-00-5	
Trichloroethene	<0.052	ug/L	0.40	0.052	1		03/24/17 19:17	79-01-6	
Trichlorofluoromethane	<0.33	ug/L	1.0	0.33	1		03/24/17 19:17	75-69-4	
1,2,3-Trichloropropane	<0.28	ug/L	4.0	0.28	1		03/24/17 19:17	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.32	ug/L	4.0	0.32	1		03/24/17 19:17	76-13-1	
1,2,4-Trimethylbenzene	<0.18	ug/L	1.0	0.18	1		03/24/17 19:17	95-63-6	
1,3,5-Trimethylbenzene	<0.27	ug/L	1.0	0.27	1		03/24/17 19:17	108-67-8	
Vinyl chloride	<0.069	ug/L	0.20	0.069	1		03/24/17 19:17	75-01-4	
Xylene (Total)	<0.32	ug/L	3.0	0.32	1		03/24/17 19:17	1330-20-7	
<b>Surrogates</b>									
1,2-Dichloroethane-d4 (S)	95	%	75-125		1		03/24/17 19:17	17060-07-0	
Toluene-d8 (S)	98	%	75-125		1		03/24/17 19:17	2037-26-5	
4-Bromofluorobenzene (S)	102	%	75-125		1		03/24/17 19:17	460-00-4	

## REPORT OF LABORATORY ANALYSIS

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



### QUALITY CONTROL DATA

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

QC Batch: 464694 Analysis Method: RSK 175  
 QC Batch Method: RSK 175 Analysis Description: RSK 175 AIR HEADSPACE  
 Associated Lab Samples: 10382059002, 10382059003, 10382059004, 10382059005, 10382059008

METHOD BLANK: 2540904 Matrix: Water  
 Associated Lab Samples: 10382059002, 10382059003, 10382059004, 10382059005, 10382059008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<0.87	10.0	03/22/17 11:36	
Ethene	ug/L	<0.77	10.0	03/22/17 11:36	
Methane	ug/L	2.0J	10.0	03/22/17 11:36	

LABORATORY CONTROL SAMPLE & LCSD: 2540905

Parameter	Units	2540906								
		Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	114	112	121	99	106	85-115	7	20	
Ethene	ug/L	106	105	113	99	106	85-115	7	20	
Methane	ug/L	60.7	60.5	63.9	100	105	85-115	5	20	

SAMPLE DUPLICATE: 2540908

Parameter	Units	10381944001 Result	Dup Result	RPD	Max RPD	Qualifiers
Ethane	ug/L	<0.87	<0.87		20	
Ethene	ug/L	<0.77	<0.77		20	
Methane	ug/L	2520	549	128	20 R1	

SAMPLE DUPLICATE: 2540992

Parameter	Units	92333739001 Result	Dup Result	RPD	Max RPD	Qualifiers
Ethane	ug/L	<10.0	<0.87		20	
Ethene	ug/L	<10.0	<0.77		20	
Methane	ug/L	10.4	12.0	15	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, LLC.

### QUALITY CONTROL DATA

Project: 06080801 Laundry Basket  
Pace Project No.: 10382059

QC Batch: 465237 Analysis Method: EPA 8260B  
QC Batch Method: EPA 8260B Analysis Description: 8260B MSV 465 W  
Associated Lab Samples: 10382059001, 10382059002, 10382059003, 10382059004, 10382059005

METHOD BLANK: 2543617 Matrix: Water  
Associated Lab Samples: 10382059001, 10382059002, 10382059003, 10382059004, 10382059005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.17	4.0	03/23/17 12:50	MN
1,1,1-Trichloroethane	ug/L	<0.17	1.0	03/23/17 12:50	
1,1,2,2-Tetrachloroethane	ug/L	<0.22	1.0	03/23/17 12:50	
1,1,2-Trichloroethane	ug/L	<0.15	1.0	03/23/17 12:50	
1,1,2-Trichlorotrifluoroethane	ug/L	<0.32	4.0	03/23/17 12:50	MN
1,1-Dichloroethane	ug/L	<0.17	1.0	03/23/17 12:50	
1,1-Dichloroethene	ug/L	<0.28	1.0	03/23/17 12:50	
1,1-Dichloropropene	ug/L	<0.23	1.0	03/23/17 12:50	
1,2,3-Trichlorobenzene	ug/L	<0.21	4.0	03/23/17 12:50	MN
1,2,3-Trichloropropane	ug/L	<0.28	4.0	03/23/17 12:50	
1,2,4-Trichlorobenzene	ug/L	<0.21	4.0	03/23/17 12:50	MN
1,2,4-Trimethylbenzene	ug/L	<0.18	1.0	03/23/17 12:50	
1,2-Dibromo-3-chloropropane	ug/L	<0.60	4.0	03/23/17 12:50	
1,2-Dibromoethane (EDB)	ug/L	<0.20	4.0	03/23/17 12:50	MN
1,2-Dichlorobenzene	ug/L	<0.17	1.0	03/23/17 12:50	
1,2-Dichloroethane	ug/L	<0.17	1.0	03/23/17 12:50	
1,2-Dichloropropane	ug/L	<0.22	4.0	03/23/17 12:50	
1,3,5-Trimethylbenzene	ug/L	<0.27	1.0	03/23/17 12:50	
1,3-Dichlorobenzene	ug/L	<0.12	1.0	03/23/17 12:50	
1,3-Dichloropropane	ug/L	<0.096	4.0	03/23/17 12:50	MN
1,4-Dichlorobenzene	ug/L	<0.21	1.0	03/23/17 12:50	
2,2-Dichloropropane	ug/L	<0.13	4.0	03/23/17 12:50	
2-Butanone (MEK)	ug/L	<1.1	5.0	03/23/17 12:50	
2-Chlorotoluene	ug/L	<0.30	1.0	03/23/17 12:50	
4-Chlorotoluene	ug/L	<0.26	1.0	03/23/17 12:50	
4-Methyl-2-pentanone (MIBK)	ug/L	<0.43	5.0	03/23/17 12:50	
Acetone	ug/L	<2.0	20.0	03/23/17 12:50	
Allyl chloride	ug/L	<0.25	4.0	03/23/17 12:50	
Benzene	ug/L	<0.16	1.0	03/23/17 12:50	
Bromobenzene	ug/L	<0.34	1.0	03/23/17 12:50	
Bromochloromethane	ug/L	<0.19	1.0	03/23/17 12:50	
Bromodichloromethane	ug/L	<0.24	1.0	03/23/17 12:50	
Bromoform	ug/L	<0.27	4.0	03/23/17 12:50	
Bromomethane	ug/L	<0.44	4.0	03/23/17 12:50	
Carbon tetrachloride	ug/L	<0.20	1.0	03/23/17 12:50	
Chlorobenzene	ug/L	<0.11	1.0	03/23/17 12:50	
Chloroethane	ug/L	<0.34	1.0	03/23/17 12:50	
Chloroform	ug/L	<0.21	1.0	03/23/17 12:50	
Chloromethane	ug/L	<0.25	4.0	03/23/17 12:50	
cis-1,2-Dichloroethene	ug/L	<0.12	1.0	03/23/17 12:50	
cis-1,3-Dichloropropene	ug/L	<0.15	4.0	03/23/17 12:50	

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, LLC.

### QUALITY CONTROL DATA

Project: 06080801 Laundry Basket  
Pace Project No.: 10382059

METHOD BLANK: 2543617 Matrix: Water  
Associated Lab Samples: 10382059001, 10382059002, 10382059003, 10382059004, 10382059005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	<0.16	4.0	03/23/17 12:50	MN
Dibromomethane	ug/L	<0.19	4.0	03/23/17 12:50	
Dichlorodifluoromethane	ug/L	<0.23	1.0	03/23/17 12:50	
Dichlorofluoromethane	ug/L	<0.21	1.0	03/23/17 12:50	
Diethyl ether (Ethyl ether)	ug/L	<0.19	4.0	03/23/17 12:50	
Ethylbenzene	ug/L	<0.15	1.0	03/23/17 12:50	
Hexachloro-1,3-butadiene	ug/L	<0.18	4.0	03/23/17 12:50	MN
Isopropylbenzene (Cumene)	ug/L	<0.25	1.0	03/23/17 12:50	
Methyl-tert-butyl ether	ug/L	<0.15	1.0	03/23/17 12:50	
Methylene Chloride	ug/L	<0.29	4.0	03/23/17 12:50	
n-Butylbenzene	ug/L	<0.16	1.0	03/23/17 12:50	
n-Propylbenzene	ug/L	<0.23	1.0	03/23/17 12:50	
Naphthalene	ug/L	<0.20	4.0	03/23/17 12:50	
p-Isopropyltoluene	ug/L	<0.19	1.0	03/23/17 12:50	
sec-Butylbenzene	ug/L	<0.19	1.0	03/23/17 12:50	
Styrene	ug/L	<0.29	1.0	03/23/17 12:50	
tert-Butylbenzene	ug/L	<0.22	1.0	03/23/17 12:50	
Tetrachloroethene	ug/L	<0.25	1.0	03/23/17 12:50	
Tetrahydrofuran	ug/L	<1.5	10.0	03/23/17 12:50	
Toluene	ug/L	<0.14	1.0	03/23/17 12:50	
trans-1,2-Dichloroethene	ug/L	<0.16	1.0	03/23/17 12:50	
trans-1,3-Dichloropropene	ug/L	<0.15	4.0	03/23/17 12:50	
Trichloroethene	ug/L	<0.052	0.40	03/23/17 12:50	
Trichlorofluoromethane	ug/L	<0.33	1.0	03/23/17 12:50	
Vinyl chloride	ug/L	<0.069	0.20	03/23/17 12:50	
Xylene (Total)	ug/L	<0.32	3.0	03/23/17 12:50	
1,2-Dichloroethane-d4 (S)	%	109	75-125	03/23/17 12:50	
4-Bromofluorobenzene (S)	%	101	75-125	03/23/17 12:50	
Toluene-d8 (S)	%	100	75-125	03/23/17 12:50	

LABORATORY CONTROL SAMPLE: 2543618

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	21.8	109	75-125	
1,1,1-Trichloroethane	ug/L	20	22.8	114	73-125	
1,1,2,2-Tetrachloroethane	ug/L	20	20.8	104	75-128	
1,1,2-Trichloroethane	ug/L	20	21.0	105	75-129	
1,1,2-Trichlorotrifluoroethane	ug/L	20	17.3	86	69-125	
1,1-Dichloroethane	ug/L	20	20.0	100	75-131	
1,1-Dichloroethene	ug/L	20	17.9	90	72-125	
1,1-Dichloropropene	ug/L	20	19.2	96	74-125	
1,2,3-Trichlorobenzene	ug/L	20	21.7	109	68-127	
1,2,3-Trichloropropane	ug/L	20	22.4	112	75-125	
1,2,4-Trichlorobenzene	ug/L	20	21.1	106	70-125	

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, LLC.

### QUALITY CONTROL DATA

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

LABORATORY CONTROL SAMPLE: 2543618

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/L	20	23.1	116	75-130	
1,2-Dibromo-3-chloropropane	ug/L	50	58.2	116	74-125	
1,2-Dibromoethane (EDB)	ug/L	20	21.3	106	75-125	
1,2-Dichlorobenzene	ug/L	20	22.8	114	75-125	
1,2-Dichloroethane	ug/L	20	21.3	106	72-129	
1,2-Dichloropropane	ug/L	20	18.3	92	71-129	
1,3,5-Trimethylbenzene	ug/L	20	23.8	119	75-127	
1,3-Dichlorobenzene	ug/L	20	22.7	114	75-125	
1,3-Dichloropropane	ug/L	20	19.3	96	75-125	
1,4-Dichlorobenzene	ug/L	20	22.6	113	75-125	
2,2-Dichloropropane	ug/L	20	22.1	110	71-125	
2-Butanone (MEK)	ug/L	100	97.5	98	58-150	
2-Chlorotoluene	ug/L	20	24.1	120	75-125	
4-Chlorotoluene	ug/L	20	22.9	114	75-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	111	111	72-140	
Acetone	ug/L	100	92.8	93	69-137	
Allyl chloride	ug/L	20	17.8	89	68-132	
Benzene	ug/L	20	20.2	101	75-125	
Bromobenzene	ug/L	20	23.8	119	75-125	
Bromochloromethane	ug/L	20	19.1	95	75-125	
Bromodichloromethane	ug/L	20	21.6	108	69-128	
Bromoform	ug/L	20	20.7	103	75-125	
Bromomethane	ug/L	20	17.3	87	30-150	
Carbon tetrachloride	ug/L	20	22.5	113	74-125	
Chlorobenzene	ug/L	20	22.5	113	75-125	
Chloroethane	ug/L	20	17.7	89	60-150	
Chloroform	ug/L	20	21.2	106	75-126	
Chloromethane	ug/L	20	21.9	109	46-150	
cis-1,2-Dichloroethene	ug/L	20	19.3	96	75-126	
cis-1,3-Dichloropropene	ug/L	20	18.6	93	75-125	
Dibromochloromethane	ug/L	20	22.4	112	75-125	
Dibromomethane	ug/L	20	21.6	108	72-127	
Dichlorodifluoromethane	ug/L	20	20.4	102	58-135	
Dichlorofluoromethane	ug/L	20	21.6	108	68-149	
Diethyl ether (Ethyl ether)	ug/L	20	17.7	89	66-144	
Ethylbenzene	ug/L	20	21.5	108	75-125	
Hexachloro-1,3-butadiene	ug/L	20	24.2	121	73-125	
Isopropylbenzene (Cumene)	ug/L	20	20.4	102	69-140	
Methyl-tert-butyl ether	ug/L	20	20.1	101	75-126	
Methylene Chloride	ug/L	20	19.1	95	71-130	
n-Butylbenzene	ug/L	20	19.9	99	71-129	
n-Propylbenzene	ug/L	20	22.9	115	71-133	
Naphthalene	ug/L	20	21.5	108	59-137	
p-Isopropyltoluene	ug/L	20	20.4	102	74-127	
sec-Butylbenzene	ug/L	20	20.4	102	66-140	
Styrene	ug/L	20	20.8	104	75-125	
tert-Butylbenzene	ug/L	20	21.2	106	73-129	

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, LLC.

### QUALITY CONTROL DATA

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

LABORATORY CONTROL SAMPLE: 2543618

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Tetrachloroethene	ug/L	20	20.6	103	75-125	
Tetrahydrofuran	ug/L	200	173	86	71-129	
Toluene	ug/L	20	21.8	109	75-125	
trans-1,2-Dichloroethene	ug/L	20	20.6	103	75-125	
trans-1,3-Dichloropropene	ug/L	20	21.1	106	75-125	
Trichloroethene	ug/L	20	18.6	93	75-125	
Trichlorofluoromethane	ug/L	20	23.3	117	74-128	
Vinyl chloride	ug/L	20	18.1	90	71-131	
Xylene (Total)	ug/L	60	62.7	104	75-125	
1,2-Dichloroethane-d4 (S)	%			109	75-125	
4-Bromofluorobenzene (S)	%			102	75-125	
Toluene-d8 (S)	%			109	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2544417 2544418

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		10382424002 Result	Spike Conc.	Spike Conc.	MS Result						
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	21.8	22.6	109	113	75-125	3	30
1,1,1-Trichloroethane	ug/L	ND	20	20	23.5	24.2	117	121	71-144	3	30
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	22.0	20.9	110	105	75-131	5	30
1,1,2-Trichloroethane	ug/L	ND	20	20	21.5	21.2	108	106	75-125	2	30
1,1,2-Trichlorotrifluoroethane	ug/L	ND	20	20	20.4	21.3	102	106	75-150	4	30
1,1-Dichloroethane	ug/L	ND	20	20	19.6	20.1	98	100	64-150	2	30
1,1-Dichloroethene	ug/L	ND	20	20	18.5	18.5	93	92	68-150	0	30
1,1-Dichloropropene	ug/L	ND	20	20	20.5	20.4	102	102	68-145	0	30
1,2,3-Trichlorobenzene	ug/L	ND	20	20	21.6	24.0	108	120	57-142	11	30
1,2,3-Trichloropropane	ug/L	ND	20	20	22.5	22.7	112	114	75-125	1	30
1,2,4-Trichlorobenzene	ug/L	ND	20	20	21.3	21.8	107	109	60-135	2	30
1,2,4-Trimethylbenzene	ug/L	ND	20	20	24.6	24.4	123	122	67-148	1	30
1,2-Dibromo-3-chloropropane	ug/L	ND	50	50	57.9	57.5	116	115	32-137	1	30
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	21.4	21.4	107	107	75-125	0	30
1,2-Dichlorobenzene	ug/L	ND	20	20	21.9	24.0	109	120	75-125	9	30
1,2-Dichloroethane	ug/L	ND	20	20	22.2	21.6	111	108	62-138	3	30
1,2-Dichloropropane	ug/L	ND	20	20	18.7	20.1	94	101	62-144	7	30
1,3,5-Trimethylbenzene	ug/L	ND	20	20	25.8	25.4	129	127	67-148	2	30
1,3-Dichlorobenzene	ug/L	ND	20	20	23.5	23.6	117	118	74-131	0	30
1,3-Dichloropropane	ug/L	ND	20	20	19.3	19.1	96	95	75-127	1	30
1,4-Dichlorobenzene	ug/L	ND	20	20	21.6	23.1	108	116	74-126	7	30
2,2-Dichloropropane	ug/L	ND	20	20	22.6	22.8	113	114	56-146	1	30
2-Butanone (MEK)	ug/L	ND	100	100	92.3	93.1	92	93	47-150	1	30
2-Chlorotoluene	ug/L	ND	20	20	25.7	25.3	128	126	74-137	2	30
4-Chlorotoluene	ug/L	ND	20	20	24.1	24.3	120	121	72-138	1	30
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	100	109	113	109	113	60-147	3	30
Acetone	ug/L	ND	100	100	92.0	89.9	92	90	61-150	2	30

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, LLC.

### QUALITY CONTROL DATA

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

Parameter	Units	10382424002		2544417								2544418	
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
Allyl chloride	ug/L	ND	20	20	17.6	17.6	88	88	53-150	0	30		
Benzene	ug/L	ND	20	20	20.0	20.7	100	103	52-147	3	30		
Bromobenzene	ug/L	ND	20	20	24.3	23.7	122	119	75-129	2	30		
Bromochloromethane	ug/L	ND	20	20	18.3	19.4	92	97	72-128	6	30		
Bromodichloromethane	ug/L	ND	20	20	22.1	24.0	111	120	65-137	8	30		
Bromoform	ug/L	ND	20	20	19.6	20.4	98	102	59-133	4	30		
Bromomethane	ug/L	ND	20	20	16.6	21.4	83	107	30-150	25	30		
Carbon tetrachloride	ug/L	ND	20	20	25.0	25.8	125	129	73-144	3	30		
Chlorobenzene	ug/L	ND	20	20	22.4	22.7	112	114	75-126	2	30		
Chloroethane	ug/L	ND	20	20	18.3	23.7	92	119	55-150	26	30		
Chloroform	ug/L	ND	20	20	20.7	21.8	103	109	66-143	5	30		
Chloromethane	ug/L	ND	20	20	18.8	25.5	94	127	42-150	30	30		
cis-1,2-Dichloroethene	ug/L	ND	20	20	19.4	19.9	97	99	65-143	3	30		
cis-1,3-Dichloropropene	ug/L	ND	20	20	18.3	19.9	91	100	75-125	9	30		
Dibromochloromethane	ug/L	ND	20	20	21.8	22.4	109	112	75-125	3	30		
Dibromomethane	ug/L	ND	20	20	19.9	21.7	100	108	66-133	8	30		
Dichlorodifluoromethane	ug/L	ND	20	20	24.7	31.6	123	158	74-150	25	30	M1	
Dichlorofluoromethane	ug/L	ND	20	20	22.1	27.9	110	139	68-150	23	30		
Diethyl ether (Ethyl ether)	ug/L	ND	20	20	17.1	17.1	85	85	57-148	0	30		
Ethylbenzene	ug/L	ND	20	20	21.5	22.1	108	110	67-149	2	30		
Hexachloro-1,3-butadiene	ug/L	ND	20	20	23.9	24.3	119	122	65-143	2	30		
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20.8	21.4	104	107	64-150	3	30		
Methyl-tert-butyl ether	ug/L	ND	20	20	18.9	19.7	95	98	71-130	4	30		
Methylene Chloride	ug/L	ND	20	20	18.5	18.9	92	95	67-137	2	30		
n-Butylbenzene	ug/L	ND	20	20	19.9	21.2	99	106	70-138	7	30		
n-Propylbenzene	ug/L	ND	20	20	24.7	24.2	123	121	70-148	2	30		
Naphthalene	ug/L	ND	20	20	20.6	23.1	103	115	39-150	11	30		
p-Isopropyltoluene	ug/L	ND	20	20	21.7	21.6	108	108	74-138	0	30		
sec-Butylbenzene	ug/L	ND	20	20	22.3	21.9	112	109	64-150	2	30		
Styrene	ug/L	ND	20	20	20.5	21.2	102	106	75-132	4	30		
tert-Butylbenzene	ug/L	ND	20	20	22.7	22.3	114	112	75-138	2	30		
Tetrachloroethene	ug/L	ND	20	20	21.1	23.6	106	118	73-136	11	30		
Tetrahydrofuran	ug/L	ND	200	200	174	172	87	86	68-142	1	30		
Toluene	ug/L	ND	20	20	22.2	22.0	111	110	69-139	1	30		
trans-1,2-Dichloroethene	ug/L	ND	20	20	20.6	20.4	103	102	75-135	1	30		
trans-1,3-Dichloropropene	ug/L	ND	20	20	20.2	21.6	101	108	66-136	7	30		
Trichloroethene	ug/L	ND	20	20	19.3	19.2	97	96	74-135	1	30		
Trichlorofluoromethane	ug/L	ND	20	20	28.7	36.3	144	182	75-150	23	30	M1	
Vinyl chloride	ug/L	ND	20	20	20.0	23.8	100	119	69-150	18	30		
Xylene (Total)	ug/L	ND	60	60	63.7	63.9	106	107	70-147	0	30		
1,2-Dichloroethane-d4 (S)	%						111	110	75-125				
4-Bromofluorobenzene (S)	%						107	105	75-125				
Toluene-d8 (S)	%						108	110	75-125				

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, LLC.

### QUALITY CONTROL DATA

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

QC Batch: 465431 Analysis Method: EPA 8260B  
QC Batch Method: EPA 8260B Analysis Description: 8260B MSV 465 W  
Associated Lab Samples: 10382059006, 10382059007, 10382059008, 10382059011

METHOD BLANK: 2544430 Matrix: Water  
Associated Lab Samples: 10382059006, 10382059007, 10382059008, 10382059011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.17	1.0	03/24/17 18:44	
1,1,1-Trichloroethane	ug/L	<0.17	1.0	03/24/17 18:44	
1,1,2,2-Tetrachloroethane	ug/L	<0.22	1.0	03/24/17 18:44	
1,1,2-Trichloroethane	ug/L	<0.15	1.0	03/24/17 18:44	
1,1,2-Trichlorotrifluoroethane	ug/L	<0.32	4.0	03/24/17 18:44	MN
1,1-Dichloroethane	ug/L	<0.17	1.0	03/24/17 18:44	
1,1-Dichloroethene	ug/L	<0.28	1.0	03/24/17 18:44	
1,1-Dichloropropene	ug/L	<0.23	1.0	03/24/17 18:44	
1,2,3-Trichlorobenzene	ug/L	<0.21	1.0	03/24/17 18:44	
1,2,3-Trichloropropane	ug/L	<0.28	4.0	03/24/17 18:44	
1,2,4-Trichlorobenzene	ug/L	<0.21	1.0	03/24/17 18:44	
1,2,4-Trimethylbenzene	ug/L	<0.18	1.0	03/24/17 18:44	
1,2-Dibromo-3-chloropropane	ug/L	<0.60	4.0	03/24/17 18:44	
1,2-Dibromoethane (EDB)	ug/L	<0.20	1.0	03/24/17 18:44	
1,2-Dichlorobenzene	ug/L	<0.17	1.0	03/24/17 18:44	
1,2-Dichloroethane	ug/L	<0.17	1.0	03/24/17 18:44	
1,2-Dichloropropane	ug/L	<0.22	4.0	03/24/17 18:44	
1,3,5-Trimethylbenzene	ug/L	<0.27	1.0	03/24/17 18:44	
1,3-Dichlorobenzene	ug/L	<0.12	1.0	03/24/17 18:44	
1,3-Dichloropropane	ug/L	<0.096	1.0	03/24/17 18:44	
1,4-Dichlorobenzene	ug/L	<0.21	1.0	03/24/17 18:44	
2,2-Dichloropropane	ug/L	<0.13	4.0	03/24/17 18:44	
2-Butanone (MEK)	ug/L	<1.1	5.0	03/24/17 18:44	
2-Chlorotoluene	ug/L	<0.30	1.0	03/24/17 18:44	
4-Chlorotoluene	ug/L	<0.26	1.0	03/24/17 18:44	
4-Methyl-2-pentanone (MIBK)	ug/L	<0.43	5.0	03/24/17 18:44	
Acetone	ug/L	<2.0	20.0	03/24/17 18:44	
Allyl chloride	ug/L	<0.25	4.0	03/24/17 18:44	
Benzene	ug/L	<0.16	1.0	03/24/17 18:44	
Bromobenzene	ug/L	<0.34	1.0	03/24/17 18:44	
Bromochloromethane	ug/L	<0.19	1.0	03/24/17 18:44	
Bromodichloromethane	ug/L	<0.24	1.0	03/24/17 18:44	
Bromoform	ug/L	<0.27	4.0	03/24/17 18:44	
Bromomethane	ug/L	<0.44	4.0	03/24/17 18:44	
Carbon tetrachloride	ug/L	<0.20	1.0	03/24/17 18:44	
Chlorobenzene	ug/L	<0.11	1.0	03/24/17 18:44	
Chloroethane	ug/L	<0.34	1.0	03/24/17 18:44	
Chloroform	ug/L	<0.21	1.0	03/24/17 18:44	
Chloromethane	ug/L	<0.25	4.0	03/24/17 18:44	
cis-1,2-Dichloroethene	ug/L	<0.12	1.0	03/24/17 18:44	
cis-1,3-Dichloropropene	ug/L	<0.15	4.0	03/24/17 18:44	

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, LLC.



### QUALITY CONTROL DATA

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

METHOD BLANK: 2544430

Matrix: Water

Associated Lab Samples: 10382059006, 10382059007, 10382059008, 10382059011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	<0.16	1.0	03/24/17 18:44	
Dibromomethane	ug/L	<0.19	4.0	03/24/17 18:44	
Dichlorodifluoromethane	ug/L	<0.23	1.0	03/24/17 18:44	
Dichlorofluoromethane	ug/L	<0.21	1.0	03/24/17 18:44	
Diethyl ether (Ethyl ether)	ug/L	<0.19	4.0	03/24/17 18:44	
Ethylbenzene	ug/L	<0.15	1.0	03/24/17 18:44	
Hexachloro-1,3-butadiene	ug/L	<0.18	1.0	03/24/17 18:44	
Isopropylbenzene (Cumene)	ug/L	<0.25	1.0	03/24/17 18:44	
Methyl-tert-butyl ether	ug/L	<0.15	1.0	03/24/17 18:44	
Methylene Chloride	ug/L	<0.29	4.0	03/24/17 18:44	
n-Butylbenzene	ug/L	<0.16	1.0	03/24/17 18:44	
n-Propylbenzene	ug/L	<0.23	1.0	03/24/17 18:44	
Naphthalene	ug/L	0.22J	4.0	03/24/17 18:44	
p-Isopropyltoluene	ug/L	<0.19	1.0	03/24/17 18:44	
sec-Butylbenzene	ug/L	<0.19	1.0	03/24/17 18:44	
Styrene	ug/L	<0.29	1.0	03/24/17 18:44	
tert-Butylbenzene	ug/L	<0.22	1.0	03/24/17 18:44	
Tetrachloroethene	ug/L	<0.25	1.0	03/24/17 18:44	
Tetrahydrofuran	ug/L	<1.5	10.0	03/24/17 18:44	
Toluene	ug/L	<0.14	1.0	03/24/17 18:44	
trans-1,2-Dichloroethene	ug/L	<0.16	1.0	03/24/17 18:44	
trans-1,3-Dichloropropene	ug/L	<0.15	4.0	03/24/17 18:44	
Trichloroethene	ug/L	<0.052	0.40	03/24/17 18:44	
Trichlorofluoromethane	ug/L	<0.33	1.0	03/24/17 18:44	
Vinyl chloride	ug/L	<0.069	0.20	03/24/17 18:44	
Xylene (Total)	ug/L	<0.32	3.0	03/24/17 18:44	
1,2-Dichloroethane-d4 (S)	%	94	75-125	03/24/17 18:44	
4-Bromofluorobenzene (S)	%	102	75-125	03/24/17 18:44	
Toluene-d8 (S)	%	98	75-125	03/24/17 18:44	

LABORATORY CONTROL SAMPLE & LCSD: 2544431

2545306

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.3	21.3	102	107	75-125	5	20	
1,1,1-Trichloroethane	ug/L	20	18.5	19.2	93	96	73-125	4	20	
1,1,2,2-Tetrachloroethane	ug/L	20	19.4	20.2	97	101	75-128	4	20	
1,1,2-Trichloroethane	ug/L	20	19.3	20.5	96	103	75-129	6	20	
1,1,2-Trichlorotrifluoroethane	ug/L	20	18.5	16.9	92	84	69-125	9	20	
1,1-Dichloroethane	ug/L	20	18.5	19.7	93	99	75-131	6	20	
1,1-Dichloroethene	ug/L	20	19.0	19.4	95	97	72-125	2	20	
1,1-Dichloropropene	ug/L	20	18.7	18.4	94	92	74-125	2	20	
1,2,3-Trichlorobenzene	ug/L	20	21.0	21.9	105	109	68-127	4	20	
1,2,3-Trichloropropane	ug/L	20	19.5	20.8	97	104	75-125	7	20	
1,2,4-Trichlorobenzene	ug/L	20	20.2	21.0	101	105	70-125	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, LLC.



### QUALITY CONTROL DATA

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

LABORATORY CONTROL SAMPLE & LCSD: 2544431		2545306									
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers	
1,2,4-Trimethylbenzene	ug/L	20	21.2	22.0	106	110	75-130	3	20		
1,2-Dibromo-3-chloropropane	ug/L	50	52.2	53.8	104	108	74-125	3	20		
1,2-Dibromoethane (EDB)	ug/L	20	20.8	21.7	104	109	75-125	4	20		
1,2-Dichlorobenzene	ug/L	20	19.8	21.2	99	106	75-125	7	20		
1,2-Dichloroethane	ug/L	20	17.4	18.1	87	91	72-129	4	20		
1,2-Dichloropropane	ug/L	20	17.1	18.4	85	92	71-129	8	20		
1,3,5-Trimethylbenzene	ug/L	20	20.3	21.1	101	106	75-127	4	20		
1,3-Dichlorobenzene	ug/L	20	19.7	21.1	99	106	75-125	7	20		
1,3-Dichloropropane	ug/L	20	19.2	19.9	96	99	75-125	4	20		
1,4-Dichlorobenzene	ug/L	20	19.4	20.6	97	103	75-125	6	20		
2,2-Dichloropropane	ug/L	20	18.6	19.1	93	96	71-125	3	20		
2-Butanone (MEK)	ug/L	100	96.8	96.8	97	97	58-150	0	20		
2-Chlorotoluene	ug/L	20	20.3	21.2	102	106	75-125	4	20		
4-Chlorotoluene	ug/L	20	20.4	21.6	102	108	75-130	6	20		
4-Methyl-2-pentanone (MIBK)	ug/L	100	103	104	103	104	72-140	1	20		
Acetone	ug/L	100	95.0	75.5	95	76	69-137	23	20	R1	
Allyl chloride	ug/L	20	17.1	18.5	85	93	68-132	8	20		
Benzene	ug/L	20	19.6	19.5	98	98	75-125	0	20		
Bromobenzene	ug/L	20	18.6	20.1	93	100	75-125	8	20		
Bromochloromethane	ug/L	20	20.1	21.6	101	108	75-125	7	20		
Bromodichloromethane	ug/L	20	19.0	19.6	95	98	69-128	3	20		
Bromoform	ug/L	20	19.1	19.4	95	97	75-125	2	20		
Bromomethane	ug/L	20	22.9	20.5	114	102	30-150	11	20		
Carbon tetrachloride	ug/L	20	18.4	18.1	92	90	74-125	2	20		
Chlorobenzene	ug/L	20	20.4	22.1	102	110	75-125	8	20		
Chloroethane	ug/L	20	22.1	20.9	110	105	60-150	5	20		
Chloroform	ug/L	20	17.7	18.1	89	90	75-126	2	20		
Chloromethane	ug/L	20	18.1	21.0	90	105	46-150	15	20		
cis-1,2-Dichloroethene	ug/L	20	19.5	20.0	97	100	75-126	3	20		
cis-1,3-Dichloropropene	ug/L	20	18.5	19.5	92	97	75-125	5	20		
Dibromochloromethane	ug/L	20	21.5	22.1	107	111	75-125	3	20		
Dibromomethane	ug/L	20	19.6	20.4	98	102	72-127	4	20		
Dichlorodifluoromethane	ug/L	20	18.9	17.4	95	87	58-135	8	20		
Dichlorofluoromethane	ug/L	20	20.3	20.0	101	100	68-149	2	20		
Diethyl ether (Ethyl ether)	ug/L	20	18.4	18.6	92	93	66-144	1	20		
Ethylbenzene	ug/L	20	18.0	19.2	90	96	75-125	6	20		
Hexachloro-1,3-butadiene	ug/L	20	20.5	21.7	103	108	73-125	5	20		
Isopropylbenzene (Cumene)	ug/L	20	21.1	22.0	105	110	69-140	4	20		
Methyl-tert-butyl ether	ug/L	20	19.4	20.7	97	103	75-126	7	20		
Methylene Chloride	ug/L	20	17.4	18.4	87	92	71-130	5	20		
n-Butylbenzene	ug/L	20	21.1	22.2	105	111	71-129	5	20		
n-Propylbenzene	ug/L	20	19.8	20.4	99	102	71-133	3	20		
Naphthalene	ug/L	20	21.1	22.3	105	112	59-137	6	20		
p-Isopropyltoluene	ug/L	20	20.3	21.3	101	106	74-127	5	20		
sec-Butylbenzene	ug/L	20	21.3	22.2	107	111	66-140	4	20		
Styrene	ug/L	20	21.5	22.5	107	113	75-125	5	20		
tert-Butylbenzene	ug/L	20	20.0	20.8	100	104	73-129	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, LLC.

### QUALITY CONTROL DATA

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

LABORATORY CONTROL SAMPLE & LCSD: 2544431

2545306

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Tetrachloroethene	ug/L	20	19.8	20.1	99	101	75-125	2	20	
Tetrahydrofuran	ug/L	200	193	206	96	103	71-129	7	20	
Toluene	ug/L	20	19.3	19.6	97	98	75-125	1	20	
trans-1,2-Dichloroethene	ug/L	20	19.8	21.1	99	105	75-125	6	20	
trans-1,3-Dichloropropene	ug/L	20	21.0	21.5	105	108	75-125	2	20	
Trichloroethene	ug/L	20	19.0	19.8	95	99	75-125	4	20	
Trichlorofluoromethane	ug/L	20	21.4	18.8	107	94	74-128	13	20	
Vinyl chloride	ug/L	20	21.8	20.2	109	101	71-131	7	20	
Xylene (Total)	ug/L	60	60.0	63.0	100	105	75-125	5	20	
1,2-Dichloroethane-d4 (S)	%				96	96	75-125			
4-Bromofluorobenzene (S)	%				102	101	75-125			
Toluene-d8 (S)	%				105	104	75-125			

MATRIX SPIKE SAMPLE: 2545304

Parameter	Units	10382059006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.17	20	19.5	98	75-125	
1,1,1-Trichloroethane	ug/L	<0.17	20	19.2	96	71-144	
1,1,2,2-Tetrachloroethane	ug/L	<0.22	20	18.8	94	75-131	
1,1,2-Trichloroethane	ug/L	<0.15	20	19.0	95	75-125	
1,1,2-Trichlorotrifluoroethane	ug/L	<0.32	20	20.1	101	75-150	
1,1-Dichloroethane	ug/L	<0.17	20	18.3	91	64-150	
1,1-Dichloroethene	ug/L	<0.28	20	19.7	99	68-150	
1,1-Dichloropropene	ug/L	<0.23	20	19.1	95	68-145	
1,2,3-Trichlorobenzene	ug/L	<0.21	20	19.8	99	57-142	
1,2,3-Trichloropropane	ug/L	<0.28	20	19.1	95	75-125	
1,2,4-Trichlorobenzene	ug/L	<0.21	20	19.6	98	60-135	
1,2,4-Trimethylbenzene	ug/L	<0.18	20	20.5	102	67-148	
1,2-Dibromo-3-chloropropane	ug/L	<0.60	50	50.2	100	32-137	
1,2-Dibromoethane (EDB)	ug/L	<0.20	20	19.2	96	75-125	
1,2-Dichlorobenzene	ug/L	<0.17	20	19.1	96	75-125	
1,2-Dichloroethane	ug/L	<0.17	20	16.6	83	62-138	
1,2-Dichloropropane	ug/L	<0.22	20	16.8	84	62-144	
1,3,5-Trimethylbenzene	ug/L	<0.27	20	19.7	99	67-148	
1,3-Dichlorobenzene	ug/L	<0.12	20	19.0	95	74-131	
1,3-Dichloropropane	ug/L	<0.096	20	18.0	90	75-127	
1,4-Dichlorobenzene	ug/L	<0.21	20	19.1	95	74-126	
2,2-Dichloropropane	ug/L	<0.13	20	19.2	96	56-146	
2-Butanone (MEK)	ug/L	<1.1	100	91.9	92	47-150	
2-Chlorotoluene	ug/L	<0.30	20	19.7	98	74-137	
4-Chlorotoluene	ug/L	<0.26	20	20.3	101	72-138	
4-Methyl-2-pentanone (MIBK)	ug/L	<0.43	100	93.7	94	60-147	
Acetone	ug/L	<2.0	100	75.5	74	61-150	
Allyl chloride	ug/L	<0.25	20	16.0	80	53-150	
Benzene	ug/L	<0.16	20	19.2	96	52-147	

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, LLC.

### QUALITY CONTROL DATA

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

MATRIX SPIKE SAMPLE: 2545304		10382059006	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Bromobenzene	ug/L	<0.34	20	19.0	95	75-129	
Bromochloromethane	ug/L	<0.19	20	19.4	97	72-128	
Bromodichloromethane	ug/L	<0.24	20	18.0	90	65-137	
Bromoform	ug/L	<0.27	20	17.2	86	59-133	
Bromomethane	ug/L	<0.44	20	19.4	97	30-150	
Carbon tetrachloride	ug/L	<0.20	20	19.4	97	73-144	
Chlorobenzene	ug/L	<0.11	20	20.2	101	75-126	
Chloroethane	ug/L	<0.34	20	21.2	106	55-150	
Chloroform	ug/L	<0.21	20	17.0	85	66-143	
Chloromethane	ug/L	<0.25	20	19.4	97	42-150	
cis-1,2-Dichloroethene	ug/L	3.4	20	21.2	89	65-143	
cis-1,3-Dichloropropene	ug/L	<0.15	20	17.8	89	75-125	
Dibromochloromethane	ug/L	<0.16	20	19.9	100	75-125	
Dibromomethane	ug/L	<0.19	20	18.6	93	66-133	
Dichlorodifluoromethane	ug/L	<0.23	20	20.7	103	74-150	
Dichlorofluoromethane	ug/L	<0.21	20	19.7	98	68-150	
Diethyl ether (Ethyl ether)	ug/L	<0.19	20	17.3	87	57-148	
Ethylbenzene	ug/L	<0.15	20	18.0	90	67-149	
Hexachloro-1,3-butadiene	ug/L	<0.18	20	20.3	101	65-143	
Isopropylbenzene (Cumene)	ug/L	1.1	20	21.7	103	64-150	
Methyl-tert-butyl ether	ug/L	<0.15	20	19.1	95	71-130	
Methylene Chloride	ug/L	<0.29	20	16.5	82	67-137	
n-Butylbenzene	ug/L	0.31J	20	21.5	106	70-138	
n-Propylbenzene	ug/L	<0.23	20	19.5	97	70-148	
Naphthalene	ug/L	0.55J	20	20.9	102	39-150	
p-Isopropyltoluene	ug/L	<0.19	20	20.0	100	74-138	
sec-Butylbenzene	ug/L	0.34J	20	21.4	105	64-150	
Styrene	ug/L	<0.29	20	20.9	104	75-132	
tert-Butylbenzene	ug/L	<0.22	20	19.8	99	75-138	
Tetrachloroethene	ug/L	3.4	20	23.8	102	73-136	
Tetrahydrofuran	ug/L	<1.5	200	194	97	68-142	
Toluene	ug/L	0.39J	20	18.9	92	69-139	
trans-1,2-Dichloroethene	ug/L	<0.16	20	20.4	102	75-135	
trans-1,3-Dichloropropene	ug/L	<0.15	20	19.4	97	66-136	
Trichloroethene	ug/L	1.1	20	20.0	95	74-135	
Trichlorofluoromethane	ug/L	<0.33	20	22.4	112	75-150	
Vinyl chloride	ug/L	<0.069	20	22.7	114	69-150	
Xylene (Total)	ug/L	<0.32	60	59.9	100	70-147	
1,2-Dichloroethane-d4 (S)	%					97	75-125
4-Bromofluorobenzene (S)	%					101	75-125
Toluene-d8 (S)	%					105	75-125

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, LLC.

### QUALITY CONTROL DATA

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

SAMPLE DUPLICATE: 2545305

Parameter	Units	10382059007 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.17	<0.17		30	
1,1,1-Trichloroethane	ug/L	<0.17	<0.17		30	
1,1,2,2-Tetrachloroethane	ug/L	<0.22	<0.22		30	
1,1,2-Trichloroethane	ug/L	<0.15	<0.15		30	
1,1,2-Trichlorotrifluoroethane	ug/L	<0.32	<0.32		30	
1,1-Dichloroethane	ug/L	<0.17	<0.17		30	
1,1-Dichloroethene	ug/L	0.77J	0.76J		30	
1,1-Dichloropropene	ug/L	<0.23	<0.23		30	
1,2,3-Trichlorobenzene	ug/L	<0.21	<0.21		30	
1,2,3-Trichloropropane	ug/L	<0.28	<0.28		30	
1,2,4-Trichlorobenzene	ug/L	<0.21	<0.21		30	
1,2,4-Trimethylbenzene	ug/L	36.6	42.5	15	30	
1,2-Dibromo-3-chloropropane	ug/L	<0.60	<0.60		30	
1,2-Dibromoethane (EDB)	ug/L	0.31J	0.30J		30	
1,2-Dichlorobenzene	ug/L	<0.17	<0.17		30	
1,2-Dichloroethane	ug/L	<0.17	<0.17		30	
1,2-Dichloropropane	ug/L	<0.22	<0.22		30	
1,3,5-Trimethylbenzene	ug/L	7.8	9.1	16	30	
1,3-Dichlorobenzene	ug/L	<0.12	<0.12		30	
1,3-Dichloropropane	ug/L	<0.096	<0.096		30	
1,4-Dichlorobenzene	ug/L	<0.21	<0.21		30	
2,2-Dichloropropane	ug/L	<0.13	<0.13		30	
2-Butanone (MEK)	ug/L	<1.1	<1.1		30	
2-Chlorotoluene	ug/L	<0.30	<0.30		30	
4-Chlorotoluene	ug/L	<0.26	<0.26		30	
4-Methyl-2-pentanone (MIBK)	ug/L	<0.43	<0.43		30	
Acetone	ug/L	<2.0	<2.0		30	
Allyl chloride	ug/L	<0.25	<0.25		30	
Benzene	ug/L	56.3	61.5	9	30	
Bromobenzene	ug/L	<0.34	<0.34		30	
Bromochloromethane	ug/L	<0.19	<0.19		30	
Bromodichloromethane	ug/L	<0.24	<0.24		30	
Bromoform	ug/L	<0.27	<0.27		30	
Bromomethane	ug/L	<0.44	<0.44		30	
Carbon tetrachloride	ug/L	<0.20	<0.20		30	
Chlorobenzene	ug/L	<0.11	<0.11		30	
Chloroethane	ug/L	<0.34	<0.34		30	
Chloroform	ug/L	<0.21	<0.21		30	
Chloromethane	ug/L	<0.25	<0.25		30	
cis-1,2-Dichloroethene	ug/L	297	327	9	30 E	
cis-1,3-Dichloropropene	ug/L	<0.15	<0.15		30	
Dibromochloromethane	ug/L	<0.16	<0.16		30	
Dibromomethane	ug/L	<0.19	<0.19		30	
Dichlorodifluoromethane	ug/L	<0.23	<0.23		30	
Dichlorofluoromethane	ug/L	<0.21	<0.21		30	
Diethyl ether (Ethyl ether)	ug/L	<0.19	<0.19		30	
Ethylbenzene	ug/L	37.8	42.6	12	30	

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, LLC.

### QUALITY CONTROL DATA

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

SAMPLE DUPLICATE: 2545305

Parameter	Units	10382059007 Result	Dup Result	RPD	Max RPD	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<0.18	<0.18		30	
Isopropylbenzene (Cumene)	ug/L	8.0	8.9	11	30	
Methyl-tert-butyl ether	ug/L	<0.15	<0.15		30	
Methylene Chloride	ug/L	<0.29	<0.29		30	
n-Butylbenzene	ug/L	1.5	1.6	10	30	
n-Propylbenzene	ug/L	5.9	6.6	11	30	
Naphthalene	ug/L	20.7	24.1	15	30	
p-Isopropyltoluene	ug/L	1.4	1.7	21	30	
sec-Butylbenzene	ug/L	1.3	1.5	9	30	
Styrene	ug/L	1.2	1.4	15	30	
tert-Butylbenzene	ug/L	<0.22	<0.22		30	
Tetrachloroethene	ug/L	726	762	5	30	E
Tetrahydrofuran	ug/L	<1.5	<1.5		30	
Toluene	ug/L	28.5	31.8	11	30	
trans-1,2-Dichloroethene	ug/L	3.9	3.9	0	30	
trans-1,3-Dichloropropene	ug/L	<0.15	<0.15		30	
Trichloroethene	ug/L	113	111	2	30	
Trichlorofluoromethane	ug/L	<0.33	<0.33		30	
Vinyl chloride	ug/L	0.31	0.22	34	30	D6
Xylene (Total)	ug/L	81.9	95.0	15	30	
1,2-Dichloroethane-d4 (S)	%	94	92	2		
4-Bromofluorobenzene (S)	%	102	100	2		
Toluene-d8 (S)	%	98	101	3		

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, LLC.

### QUALITY CONTROL DATA

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

QC Batch: 465568 Analysis Method: EPA 8260B  
QC Batch Method: EPA 8260B Analysis Description: 8260B MSV 465 W  
Associated Lab Samples: 10382059009, 10382059010

METHOD BLANK: 2545298 Matrix: Water

Associated Lab Samples: 10382059009, 10382059010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.17	1.0	03/25/17 17:40	
1,1,1-Trichloroethane	ug/L	<0.17	1.0	03/25/17 17:40	
1,1,2,2-Tetrachloroethane	ug/L	<0.22	1.0	03/25/17 17:40	
1,1,2-Trichloroethane	ug/L	<0.15	1.0	03/25/17 17:40	
1,1,2-Trichlorotrifluoroethane	ug/L	<0.32	4.0	03/25/17 17:40	MN
1,1-Dichloroethane	ug/L	<0.17	1.0	03/25/17 17:40	
1,1-Dichloroethene	ug/L	<0.28	1.0	03/25/17 17:40	
1,1-Dichloropropene	ug/L	<0.23	1.0	03/25/17 17:40	
1,2,3-Trichlorobenzene	ug/L	<0.21	1.0	03/25/17 17:40	
1,2,3-Trichloropropane	ug/L	<0.28	4.0	03/25/17 17:40	
1,2,4-Trichlorobenzene	ug/L	<0.21	1.0	03/25/17 17:40	
1,2,4-Trimethylbenzene	ug/L	<0.18	1.0	03/25/17 17:40	
1,2-Dibromo-3-chloropropane	ug/L	<0.60	4.0	03/25/17 17:40	
1,2-Dibromoethane (EDB)	ug/L	<0.20	1.0	03/25/17 17:40	
1,2-Dichlorobenzene	ug/L	<0.17	1.0	03/25/17 17:40	
1,2-Dichloroethane	ug/L	<0.17	1.0	03/25/17 17:40	
1,2-Dichloropropane	ug/L	<0.22	4.0	03/25/17 17:40	
1,3,5-Trimethylbenzene	ug/L	<0.27	1.0	03/25/17 17:40	
1,3-Dichlorobenzene	ug/L	<0.12	1.0	03/25/17 17:40	
1,3-Dichloropropane	ug/L	<0.096	1.0	03/25/17 17:40	
1,4-Dichlorobenzene	ug/L	<0.21	1.0	03/25/17 17:40	
2,2-Dichloropropane	ug/L	<0.13	4.0	03/25/17 17:40	
2-Butanone (MEK)	ug/L	<1.1	5.0	03/25/17 17:40	
2-Chlorotoluene	ug/L	<0.30	1.0	03/25/17 17:40	
4-Chlorotoluene	ug/L	<0.26	1.0	03/25/17 17:40	
4-Methyl-2-pentanone (MIBK)	ug/L	<0.43	5.0	03/25/17 17:40	
Acetone	ug/L	<2.0	20.0	03/25/17 17:40	
Allyl chloride	ug/L	<0.25	4.0	03/25/17 17:40	
Benzene	ug/L	<0.16	1.0	03/25/17 17:40	
Bromobenzene	ug/L	<0.34	1.0	03/25/17 17:40	
Bromochloromethane	ug/L	<0.19	1.0	03/25/17 17:40	
Bromodichloromethane	ug/L	<0.24	1.0	03/25/17 17:40	
Bromoform	ug/L	<0.27	4.0	03/25/17 17:40	
Bromomethane	ug/L	<0.44	4.0	03/25/17 17:40	
Carbon tetrachloride	ug/L	<0.20	1.0	03/25/17 17:40	
Chlorobenzene	ug/L	<0.11	1.0	03/25/17 17:40	
Chloroethane	ug/L	<0.34	1.0	03/25/17 17:40	
Chloroform	ug/L	<0.21	1.0	03/25/17 17:40	
Chloromethane	ug/L	<0.25	4.0	03/25/17 17:40	
cis-1,2-Dichloroethene	ug/L	<0.12	1.0	03/25/17 17:40	
cis-1,3-Dichloropropene	ug/L	<0.15	4.0	03/25/17 17:40	

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, LLC.

### QUALITY CONTROL DATA

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

METHOD BLANK: 2545298

Matrix: Water

Associated Lab Samples: 10382059009, 10382059010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	<0.16	1.0	03/25/17 17:40	
Dibromomethane	ug/L	<0.19	4.0	03/25/17 17:40	
Dichlorodifluoromethane	ug/L	<0.23	1.0	03/25/17 17:40	
Dichlorofluoromethane	ug/L	<0.21	1.0	03/25/17 17:40	
Diethyl ether (Ethyl ether)	ug/L	<0.19	4.0	03/25/17 17:40	
Ethylbenzene	ug/L	<0.15	1.0	03/25/17 17:40	
Hexachloro-1,3-butadiene	ug/L	<0.18	1.0	03/25/17 17:40	
Isopropylbenzene (Cumene)	ug/L	<0.25	1.0	03/25/17 17:40	
Methyl-tert-butyl ether	ug/L	<0.15	1.0	03/25/17 17:40	
Methylene Chloride	ug/L	<0.29	4.0	03/25/17 17:40	
n-Butylbenzene	ug/L	<0.16	1.0	03/25/17 17:40	
n-Propylbenzene	ug/L	<0.23	1.0	03/25/17 17:40	
Naphthalene	ug/L	<0.20	4.0	03/25/17 17:40	
p-Isopropyltoluene	ug/L	<0.19	1.0	03/25/17 17:40	
sec-Butylbenzene	ug/L	<0.19	1.0	03/25/17 17:40	
Styrene	ug/L	<0.29	1.0	03/25/17 17:40	
tert-Butylbenzene	ug/L	<0.22	1.0	03/25/17 17:40	
Tetrachloroethene	ug/L	<0.25	1.0	03/25/17 17:40	
Tetrahydrofuran	ug/L	<1.5	10.0	03/25/17 17:40	
Toluene	ug/L	<0.14	1.0	03/25/17 17:40	
trans-1,2-Dichloroethene	ug/L	<0.16	1.0	03/25/17 17:40	
trans-1,3-Dichloropropene	ug/L	<0.15	4.0	03/25/17 17:40	
Trichloroethene	ug/L	<0.052	0.40	03/25/17 17:40	
Trichlorofluoromethane	ug/L	<0.33	1.0	03/25/17 17:40	
Vinyl chloride	ug/L	<0.069	0.20	03/25/17 17:40	
Xylene (Total)	ug/L	<0.32	3.0	03/25/17 17:40	
1,2-Dichloroethane-d4 (S)	%	97	75-125	03/25/17 17:40	
4-Bromofluorobenzene (S)	%	101	75-125	03/25/17 17:40	
Toluene-d8 (S)	%	97	75-125	03/25/17 17:40	

LABORATORY CONTROL SAMPLE: 2545299

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.2	101	75-125	
1,1,1-Trichloroethane	ug/L	20	18.7	94	73-125	
1,1,2,2-Tetrachloroethane	ug/L	20	19.6	98	75-128	
1,1,2-Trichloroethane	ug/L	20	19.7	99	75-129	
1,1,2-Trichlorotrifluoroethane	ug/L	20	17.3	87	69-125	
1,1-Dichloroethane	ug/L	20	18.8	94	75-131	
1,1-Dichloroethene	ug/L	20	18.2	91	72-125	
1,1-Dichloropropene	ug/L	20	18.1	90	74-125	
1,2,3-Trichlorobenzene	ug/L	20	20.6	103	68-127	
1,2,3-Trichloropropane	ug/L	20	20.1	100	75-125	
1,2,4-Trichlorobenzene	ug/L	20	20.7	104	70-125	

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, LLC.



### QUALITY CONTROL DATA

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

LABORATORY CONTROL SAMPLE: 2545299

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/L	20	21.1	106	75-130	
1,2-Dibromo-3-chloropropane	ug/L	50	51.5	103	74-125	
1,2-Dibromoethane (EDB)	ug/L	20	21.0	105	75-125	
1,2-Dichlorobenzene	ug/L	20	20.5	103	75-125	
1,2-Dichloroethane	ug/L	20	18.0	90	72-129	
1,2-Dichloropropane	ug/L	20	18.5	93	71-129	
1,3,5-Trimethylbenzene	ug/L	20	20.2	101	75-127	
1,3-Dichlorobenzene	ug/L	20	19.9	100	75-125	
1,3-Dichloropropane	ug/L	20	18.9	94	75-125	
1,4-Dichlorobenzene	ug/L	20	20.0	100	75-125	
2,2-Dichloropropane	ug/L	20	19.6	98	71-125	
2-Butanone (MEK)	ug/L	100	98.3	98	58-150	
2-Chlorotoluene	ug/L	20	20.5	103	75-125	
4-Chlorotoluene	ug/L	20	20.5	103	75-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	102	102	72-140	
Acetone	ug/L	100	105	105	69-137	
Allyl chloride	ug/L	20	18.2	91	68-132	
Benzene	ug/L	20	19.7	98	75-125	
Bromobenzene	ug/L	20	20.1	101	75-125	
Bromochloromethane	ug/L	20	20.3	101	75-125	
Bromodichloromethane	ug/L	20	20.2	101	69-128	
Bromoform	ug/L	20	19.6	98	75-125	
Bromomethane	ug/L	20	15.1	76	30-150	
Carbon tetrachloride	ug/L	20	20.8	104	74-125	
Chlorobenzene	ug/L	20	20.4	102	75-125	
Chloroethane	ug/L	20	19.2	96	60-150	
Chloroform	ug/L	20	17.9	90	75-126	
Chloromethane	ug/L	20	16.7	84	46-150	
cis-1,2-Dichloroethene	ug/L	20	19.6	98	75-126	
cis-1,3-Dichloropropene	ug/L	20	19.4	97	75-125	
Dibromochloromethane	ug/L	20	21.5	107	75-125	
Dibromomethane	ug/L	20	21.2	106	72-127	
Dichlorodifluoromethane	ug/L	20	16.9	85	58-135	
Dichlorofluoromethane	ug/L	20	19.3	96	68-149	
Diethyl ether (Ethyl ether)	ug/L	20	18.8	94	66-144	
Ethylbenzene	ug/L	20	18.0	90	75-125	
Hexachloro-1,3-butadiene	ug/L	20	21.3	106	73-125	
Isopropylbenzene (Cumene)	ug/L	20	20.7	103	69-140	
Methyl-tert-butyl ether	ug/L	20	20.3	101	75-126	
Methylene Chloride	ug/L	20	18.1	90	71-130	
n-Butylbenzene	ug/L	20	20.9	105	71-129	
n-Propylbenzene	ug/L	20	19.7	99	71-133	
Naphthalene	ug/L	20	20.7	103	59-137	
p-Isopropyltoluene	ug/L	20	20.2	101	74-127	
sec-Butylbenzene	ug/L	20	20.8	104	66-140	
Styrene	ug/L	20	21.4	107	75-125	
tert-Butylbenzene	ug/L	20	19.8	99	73-129	

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, LLC.

### QUALITY CONTROL DATA

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

LABORATORY CONTROL SAMPLE: 2545299

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Tetrachloroethane	ug/L	20	19.3	96	75-125	
Tetrahydrofuran	ug/L	200	195	98	71-129	
Toluene	ug/L	20	18.5	92	75-125	
trans-1,2-Dichloroethene	ug/L	20	20.4	102	75-125	
trans-1,3-Dichloropropene	ug/L	20	20.1	101	75-125	
Trichloroethene	ug/L	20	19.3	96	75-125	
Trichlorofluoromethane	ug/L	20	18.7	93	74-128	
Vinyl chloride	ug/L	20	20.4	102	71-131	
Xylene (Total)	ug/L	60	59.9	100	75-125	
1,2-Dichloroethane-d4 (S)	%			98	75-125	
4-Bromofluorobenzene (S)	%			101	75-125	
Toluene-d8 (S)	%			101	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2546020 2546021

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		10382212001 Result	Spike Conc.	Spike Conc.	MS Result						
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	19.0	20.5	95	102	75-125	8	30
1,1,1-Trichloroethane	ug/L	ND	20	20	19.6	19.8	98	99	71-144	1	30
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	19.5	19.2	98	96	75-131	2	30
1,1,2-Trichloroethane	ug/L	ND	20	20	18.9	18.7	95	93	75-125	1	30
1,1,2-Trichlorotrifluoroethane	ug/L	ND	20	20	20.8	21.1	104	106	75-150	2	30
1,1-Dichloroethane	ug/L	ND	20	20	18.3	19.1	91	95	64-150	4	30
1,1-Dichloroethene	ug/L	ND	20	20	20.3	19.8	101	99	68-150	2	30
1,1-Dichloropropene	ug/L	ND	20	20	19.6	19.8	98	99	68-145	1	30
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20.5	21.0	103	105	57-142	2	30
1,2,3-Trichloropropane	ug/L	ND	20	20	19.3	18.9	96	95	75-125	2	30
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20.1	20.6	101	103	60-135	3	30
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20.8	21.3	104	107	67-148	2	30
1,2-Dibromo-3-chloropropane	ug/L	ND	50	50	53.7	51.9	107	104	32-137	3	30
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	19.6	20.0	98	100	75-125	2	30
1,2-Dichlorobenzene	ug/L	ND	20	20	19.8	20.4	99	102	75-125	3	30
1,2-Dichloroethane	ug/L	ND	20	20	16.3	16.8	81	84	62-138	3	30
1,2-Dichloropropane	ug/L	ND	20	20	16.5	17.4	83	87	62-144	5	30
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20.0	20.7	100	103	67-148	3	30
1,3-Dichlorobenzene	ug/L	ND	20	20	19.7	20.1	98	100	74-131	2	30
1,3-Dichloropropane	ug/L	ND	20	20	18.1	18.5	91	92	75-127	2	30
1,4-Dichlorobenzene	ug/L	ND	20	20	19.4	19.8	97	99	74-126	2	30
2,2-Dichloropropane	ug/L	ND	20	20	19.9	21.2	99	106	56-146	6	30
2-Butanone (MEK)	ug/L	ND	100	100	97.1	92.7	97	93	47-150	5	30
2-Chlorotoluene	ug/L	ND	20	20	20.0	20.3	100	101	74-137	1	30
4-Chlorotoluene	ug/L	ND	20	20	19.9	20.6	100	103	72-138	3	30
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	100	97.7	97.7	98	98	60-147	0	30
Acetone	ug/L	ND	100	100	79.4	76.1	79	76	61-150	4	30

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, LLC.

### QUALITY CONTROL DATA

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

Parameter	Units	10382212001		2546020		2546021		% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec						
Allyl chloride	ug/L	ND	20	20	18.3	18.4	92	92	53-150	0	30		
Benzene	ug/L	ND	20	20	19.0	19.8	95	99	52-147	4	30		
Bromobenzene	ug/L	ND	20	20	18.9	19.7	95	98	75-129	4	30		
Bromochloromethane	ug/L	ND	20	20	18.3	20.0	92	100	72-128	9	30		
Bromodichloromethane	ug/L	ND	20	20	18.4	19.8	92	99	65-137	7	30		
Bromoform	ug/L	ND	20	20	17.4	18.7	87	93	59-133	7	30		
Bromomethane	ug/L	ND	20	20	16.7	19.7	83	98	30-150	16	30		
Carbon tetrachloride	ug/L	ND	20	20	19.5	20.3	97	102	73-144	4	30		
Chlorobenzene	ug/L	ND	20	20	19.2	20.0	96	100	75-126	4	30		
Chloroethane	ug/L	ND	20	20	19.8	21.0	99	105	55-150	6	30		
Chloroform	ug/L	ND	20	20	16.5	17.8	83	89	66-143	8	30		
Chloromethane	ug/L	ND	20	20	17.7	19.4	89	97	42-150	9	30		
cis-1,2-Dichloroethene	ug/L	ND	20	20	18.8	19.1	94	95	65-143	1	30		
cis-1,3-Dichloropropene	ug/L	ND	20	20	17.8	18.7	89	93	75-125	5	30		
Dibromochloromethane	ug/L	ND	20	20	19.8	20.2	99	101	75-125	2	30		
Dibromomethane	ug/L	ND	20	20	18.5	19.7	93	98	66-133	6	30		
Dichlorodifluoromethane	ug/L	ND	20	20	21.8	21.3	109	107	74-150	2	30		
Dichlorofluoromethane	ug/L	ND	20	20	19.9	20.6	100	103	68-150	3	30		
Diethyl ether (Ethyl ether)	ug/L	ND	20	20	17.2	18.4	86	92	57-148	6	30		
Ethylbenzene	ug/L	ND	20	20	17.9	18.1	90	90	67-149	1	30		
Hexachloro-1,3-butadiene	ug/L	ND	20	20	23.8	22.1	119	110	65-143	7	30		
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20.8	21.2	104	106	64-150	2	30		
Methyl-tert-butyl ether	ug/L	ND	20	20	17.6	19.0	88	95	71-130	8	30		
Methylene Chloride	ug/L	ND	20	20	15.9	17.2	80	86	67-137	7	30		
n-Butylbenzene	ug/L	ND	20	20	21.7	22.0	108	110	70-138	2	30		
n-Propylbenzene	ug/L	ND	20	20	20.0	20.4	100	102	70-148	2	30		
Naphthalene	ug/L	ND	20	20	20.7	21.1	103	105	39-150	2	30		
p-Isopropyltoluene	ug/L	ND	20	20	20.3	20.9	101	105	74-138	3	30		
sec-Butylbenzene	ug/L	ND	20	20	21.2	22.3	106	112	64-150	5	30		
Styrene	ug/L	ND	20	20	20.5	21.2	103	106	75-132	3	30		
tert-Butylbenzene	ug/L	ND	20	20	20.0	20.2	100	101	75-138	1	30		
Tetrachloroethene	ug/L	ND	20	20	20.6	20.5	103	102	73-136	1	30		
Tetrahydrofuran	ug/L	ND	200	200	178	195	89	97	68-142	9	30		
Toluene	ug/L	ND	20	20	18.1	18.7	90	94	69-139	4	30		
trans-1,2-Dichloroethene	ug/L	ND	20	20	20.3	20.7	102	104	75-135	2	30		
trans-1,3-Dichloropropene	ug/L	ND	20	20	19.0	19.5	95	98	66-136	3	30		
Trichloroethene	ug/L	ND	20	20	19.4	19.7	97	99	74-135	2	30		
Trichlorofluoromethane	ug/L	ND	20	20	22.2	22.3	111	112	75-150	0	30		
Vinyl chloride	ug/L	ND	20	20	21.9	23.0	110	115	69-150	5	30		
Xylene (Total)	ug/L	ND	60	60	58.5	59.9	98	100	70-147	2	30		
1,2-Dichloroethane-d4 (S)	%						95	99	75-125				
4-Bromofluorobenzene (S)	%						103	102	75-125				
Toluene-d8 (S)	%						103	103	75-125				

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, LLC.

## QUALIFIERS

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

---

### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

### LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

### BATCH QUALIFIERS

Batch: 465431

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

### ANALYTE QUALIFIERS

B Analyte was detected in the associated method blank.

D6 The precision between the sample and sample duplicate exceeded laboratory control limits.

E Analyte concentration exceeded the calibration range. The reported result is estimated.

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

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

R1 RPD value was outside control limits.

## REPORT OF LABORATORY ANALYSIS

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

### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 06080801 Laundry Basket

Pace Project No.: 10382059

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10382059002	MW-7	RSK 175	464694		
10382059003	MW-5	RSK 175	464694		
10382059004	MW-7EQ	RSK 175	464694		
10382059005	MW-6	RSK 175	464694		
10382059008	MW-1	RSK 175	464694		
10382059001	MW-10	EPA 8260B	465237		
10382059002	MW-7	EPA 8260B	465237		
10382059003	MW-5	EPA 8260B	465237		
10382059004	MW-7EQ	EPA 8260B	465237		
10382059005	MW-6	EPA 8260B	465237		
10382059006	MW-2	EPA 8260B	465431		
10382059007	MW-3	EPA 8260B	465431		
10382059008	MW-1	EPA 8260B	465431		
10382059009	MW-5EQ	EPA 8260B	465568		
10382059010	DUP	EPA 8260B	465568		
10382059011	Trip Blank	EPA 8260B	465431		

### REPORT OF LABORATORY ANALYSIS

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



**Sample Condition Upon Receipt**

Client Name: M&A Professional Services

Project #: **WO# : 10382059**



10382059

Courier:  Fed Ex  UPS  USPS  Client  
 Commercial  Pace  SpeeDee  Other: \_\_\_\_\_

Tracking Number: \_\_\_\_\_

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

Packing Material:  Bubble Wrap  Bubble Bags  None  Other: \_\_\_\_\_      Temp Blank?  Yes  No

Thermometer Used:  151401163  151401164      Type of Ice:  Wet  Blue  None  Samples on ice, cooling process has begun

Cooler Temp Read (°C): 8.1      Cooler Temp Corrected (°C): 8.2      Biological Tissue Frozen?  Yes  No  N/A  
 Temp should be above freezing to 6°C      Correction Factor: 10.1      Date and Initials of Person Examining Contents: 3/16/17

USDA Regulated Soil (  N/A, water sample)  
 Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX or VA (check maps)?  Yes  No      Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)?  Yes  No  
 If Yes to either question, fill out a Regulated Soil Checklist (F-MN-Q-338) and include with SCUR/COC paperwork.

	COMMENTS:
Chain of Custody Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.
Chain of Custody Filled Out? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.
Chain of Custody Relinquished? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.
Sampler Name and/or Signature on COC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
Short Hold Time Analysis (<72 hr)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8.
Correct Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Containers Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered Volume Received for Dissolved Tests? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11. Note if sediment is visible in the dissolved container
Sample Labels Match COC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	12.
-Includes Date/Time/ID/Analysis Matrix: <u>WT</u>	
All containers needing acid/base preservation have been checked? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13. <input type="checkbox"/> HNO <sub>3</sub> <input type="checkbox"/> H <sub>2</sub> SO <sub>4</sub> <input type="checkbox"/> NaOH Positive for Res. Chlorine? Y N
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO <sub>3</sub> , H <sub>2</sub> SO <sub>4</sub> , <2pH, NaOH >9 Sulfide, NaOH >12 Cyanide) <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Sample #
Exceptions: <u>VOA</u> Coliform, TOC/DOC Oil and Grease, DRO/8015 (water) and Dioxin. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Initial when completed: _____ Lot # of added preservative: _____
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.
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>110912</u>	

**CLIENT NOTIFICATION/RESOLUTION**

Field Data Required?  Yes  No

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

Project Manager Review: Shawn Davis

Date: 3/17/17

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



April 04, 2017

Brian Hegge  
MSA Professional Services  
1835 N Stevens St  
Rhineland, WI 54501

RE: Project: 06080801 Laundry Basket  
Pace Project No.: 10382064

Dear Brian Hegge:

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

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

Sincerely,



Shawn Davis  
shawn.davis@pacelabs.com  
612-607-6378  
Project Manager

Enclosures

cc: Erica Evert, MSA Professionals  
Curt Kleist  
Sara Post, MSA Professional Services



## REPORT OF LABORATORY ANALYSIS

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

## CERTIFICATIONS

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

---

### Minnesota Certification IDs

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

A2LA Certification #: 2926.01

Alabama Certification #: 40770

Alaska Contaminated Sites Certification #: UST-078

Alaska DW Certification #: MN00064

Arizona Certification #: AZ0014

Arkansas Certification #: 88-0680

California Certification #: MN00064

CNMI Saipan Certification #: MP0003

Colorado Certification #: MN00064

Connecticut Certification #: PH-0256

EPA Region 8 Certification #: 8TMS-L

Florida Certification #: E87605

Georgia Certification #: 959

Guam EPA Certification #: MN00064

Hawaii Certification #: MN00064

Idaho Certification #: MN00064

Illinois Certification #: 200011

Indiana Certification #: C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky DW Certification #: 90062

Kentucky WW Certification #: 90062

Louisiana DEQ Certification #: 03086

Louisiana DW Certification #: MN00064

Maine Certification #: MN00064

Maryland Certification #: 322

Michigan Certification #: 9909

Minnesota Certification #: 027-053-137

Mississippi Certification #: MN00064

Montana Certification #: CERT0092

Nebraska Certification #: NE-OS-18-06

Nevada Certification #: MN00064

New Hampshire Certification #: 2081

New Jersey Certification #: MN002

New York Certification #: 11647

North Carolina DW Certification #: 27700

North Carolina WW Certification #: 530

North Dakota Certification #: R-036

Ohio DW Certification #: 41244

Ohio VAP Certification #: CL101

Oklahoma Certification #: 9507

Oregon NwTPH Certification #: MN300001

Oregon Secondary Certification #: MN200001

Pennsylvania Certification #: 68-00563

Puerto Rico Certification #: MN00064

South Carolina Certification #: 74003001

Tennessee Certification #: TN02818

Texas Certification #: T104704192

Utah Certification #: MN00064

Virginia Certification #: 460163

Washington Certification #: C486

West Virginia DW Certification #: 9952 C

West Virginia WW Certification #: 382

Wisconsin Certification #: 999407970

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

---

## REPORT OF LABORATORY ANALYSIS

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

## SAMPLE SUMMARY

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10382064001	8hr LB Basement	Air	03/13/17 18:17	03/16/17 17:15
10382064002	8hr LB Storage	Air	03/13/17 18:33	03/16/17 17:15
10382064003	8hr LB Foyer	Air	03/13/17 18:35	03/16/17 17:15
10382064004	VP-1	Air	03/13/17 13:38	03/16/17 17:15
10382064005	VP-2	Air	03/13/17 14:43	03/16/17 17:15
10382064006	VP-3	Air	03/13/17 16:17	03/16/17 17:15
10382064007	VP-4	Air	03/14/17 12:20	03/16/17 17:15
10382064008	VP-5	Air	03/14/17 14:02	03/16/17 17:15
10382064009	VP-6	Air	03/14/17 18:15	03/16/17 17:15
10382064010	VP-7	Air	03/15/17 11:20	03/16/17 17:15
10382064011	VP-8	Air	03/15/17 12:41	03/16/17 17:15
10382064012	V-5	Air	03/14/17 16:24	03/16/17 17:15
10382064013	VC-1	Air	03/14/17 10:02	03/16/17 17:15
10382064014	VC-2	Air	03/14/17 12:08	03/16/17 17:15
10382064015	VC-3	Air	03/14/17 13:39	03/16/17 17:15
10382064016	Unused Can #0528	Air		03/16/17 17:15
10382064017	Unused Can #1534	Air		03/16/17 17:15
10382064018	Unused Can #0792	Air		03/16/17 17:15

## REPORT OF LABORATORY ANALYSIS

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

### SAMPLE ANALYTE COUNT

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10382064001	8hr LB Basement	TO-15	MJL	61	PASI-M
10382064002	8hr LB Storage	TO-15	MJL	61	PASI-M
10382064003	8hr LB Foyer	TO-15	MJL	61	PASI-M
10382064004	VP-1	TO-15	MJL	61	PASI-M
10382064005	VP-2	TO-15	MJL	61	PASI-M
10382064006	VP-3	TO-15	DR1	61	PASI-M
10382064007	VP-4	TO-15	DR1	61	PASI-M
10382064008	VP-5	TO-15	DR1	61	PASI-M
10382064009	VP-6	TO-15	MJL	61	PASI-M
10382064010	VP-7	TO-15	MJL	61	PASI-M
10382064011	VP-8	TO-15	MJL	61	PASI-M
10382064012	V-5	TO-15	MJL	61	PASI-M
10382064013	VC-1	TO-15	MJL	61	PASI-M
10382064014	VC-2	TO-15	MJL	61	PASI-M
10382064015	VC-3	TO-15	MJL	61	PASI-M

### REPORT OF LABORATORY ANALYSIS

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

## PROJECT NARRATIVE

Project: 06080801 Laundry Basket  
Pace Project No.: 10382064

---

**Date:** April 04, 2017

**VP-3 (Lab ID: 10382064006)**

- A3: This result is reported from a serial dilution.

## REPORT OF LABORATORY ANALYSIS

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

## PROJECT NARRATIVE

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

---

**Method:** TO-15

**Description:** TO15 MSV AIR

**Client:** MSA-WI

**Date:** April 04, 2017

**General Information:**

15 samples were analyzed for TO-15. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

**Hold Time:**

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

**Initial Calibrations (including MS Tune as applicable):**

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

**Continuing Calibration:**

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

QC Batch: 466636

CH: The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.

- LCS (Lab ID: 2550308)
  - Chloroform
  - trans-1,3-Dichloropropene

**Internal Standards:**

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

**Method Blank:**

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

**Laboratory Control Spike:**

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

QC Batch: 466636

L1: Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.

- LCS (Lab ID: 2550308)
  - Chloroform

**Duplicate Sample:**

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

**Additional Comments:**

Analyte Comments:

QC Batch: 466574

E: Analyte concentration exceeded the calibration range. The reported result is estimated.

- VC-3 (Lab ID: 10382064015)
  - Propylene

## REPORT OF LABORATORY ANALYSIS

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

## PROJECT NARRATIVE

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

---

**Method:** TO-15

**Description:** TO15 MSV AIR

**Client:** MSA-WI

**Date:** April 04, 2017

Analyte Comments:

QC Batch: 466636

E: Analyte concentration exceeded the calibration range. The reported result is estimated.

- VP-3 (Lab ID: 10382064006)
  - Cyclohexane
  - n-Heptane
  - n-Hexane

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

## REPORT OF LABORATORY ANALYSIS

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



## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

**Sample: 8hr LB Basement**      **Lab ID: 10382064001**      Collected: 03/13/17 18:17      Received: 03/16/17 17:15      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>		Analytical Method: TO-15							
Acetone	<b>21.0</b>	ug/m3	3.6	1.2	1.49		03/31/17 20:47	67-64-1	
Benzene	<b>0.98</b>	ug/m3	0.48	0.18	1.49		03/31/17 20:47	71-43-2	
Benzyl chloride	<b>&lt;0.25</b>	ug/m3	3.9	0.25	1.49		03/31/17 20:47	100-44-7	
Bromodichloromethane	<b>&lt;0.29</b>	ug/m3	2.0	0.29	1.49		03/31/17 20:47	75-27-4	
Bromoform	<b>&lt;1.3</b>	ug/m3	3.1	1.3	1.49		03/31/17 20:47	75-25-2	
Bromomethane	<b>&lt;0.46</b>	ug/m3	1.2	0.46	1.49		03/31/17 20:47	74-83-9	
1,3-Butadiene	<b>&lt;0.26</b>	ug/m3	0.67	0.26	1.49		03/31/17 20:47	106-99-0	
2-Butanone (MEK)	<b>&lt;0.34</b>	ug/m3	4.5	0.34	1.49		03/31/17 20:47	78-93-3	
Carbon disulfide	<b>&lt;0.15</b>	ug/m3	0.94	0.15	1.49		03/31/17 20:47	75-15-0	
Carbon tetrachloride	<b>&lt;0.29</b>	ug/m3	0.95	0.29	1.49		03/31/17 20:47	56-23-5	
Chlorobenzene	<b>&lt;0.20</b>	ug/m3	1.4	0.20	1.49		03/31/17 20:47	108-90-7	
Chloroethane	<b>&lt;0.29</b>	ug/m3	0.80	0.29	1.49		03/31/17 20:47	75-00-3	
Chloroform	<b>&lt;0.28</b>	ug/m3	0.74	0.28	1.49		03/31/17 20:47	67-66-3	
Chloromethane	<b>0.79</b>	ug/m3	0.63	0.16	1.49		03/31/17 20:47	74-87-3	
Cyclohexane	<b>2.6</b>	ug/m3	1.0	0.47	1.49		03/31/17 20:47	110-82-7	
Dibromochloromethane	<b>&lt;1.3</b>	ug/m3	2.6	1.3	1.49		03/31/17 20:47	124-48-1	
1,2-Dibromoethane (EDB)	<b>&lt;1.2</b>	ug/m3	2.3	1.2	1.49		03/31/17 20:47	106-93-4	
1,2-Dichlorobenzene	<b>&lt;0.76</b>	ug/m3	4.6	0.76	1.49		03/31/17 20:47	95-50-1	
1,3-Dichlorobenzene	<b>&lt;0.79</b>	ug/m3	4.6	0.79	1.49		03/31/17 20:47	541-73-1	
1,4-Dichlorobenzene	<b>&lt;0.74</b>	ug/m3	4.6	0.74	1.49		03/31/17 20:47	106-46-7	
Dichlorodifluoromethane	<b>1.9</b>	ug/m3	1.5	0.72	1.49		03/31/17 20:47	75-71-8	
1,1-Dichloroethane	<b>&lt;0.23</b>	ug/m3	1.2	0.23	1.49		03/31/17 20:47	75-34-3	
1,2-Dichloroethane	<b>&lt;0.31</b>	ug/m3	0.61	0.31	1.49		03/31/17 20:47	107-06-2	
1,1-Dichloroethene	<b>&lt;0.35</b>	ug/m3	1.2	0.35	1.49		03/31/17 20:47	75-35-4	
cis-1,2-Dichloroethene	<b>&lt;0.37</b>	ug/m3	1.2	0.37	1.49		03/31/17 20:47	156-59-2	
trans-1,2-Dichloroethene	<b>1.5</b>	ug/m3	1.2	0.57	1.49		03/31/17 20:47	156-60-5	
1,2-Dichloropropane	<b>&lt;0.40</b>	ug/m3	1.4	0.40	1.49		03/31/17 20:47	78-87-5	
cis-1,3-Dichloropropene	<b>&lt;0.55</b>	ug/m3	1.4	0.55	1.49		03/31/17 20:47	10061-01-5	
trans-1,3-Dichloropropene	<b>&lt;0.39</b>	ug/m3	1.4	0.39	1.49		03/31/17 20:47	10061-02-6	
Dichlorotetrafluoroethane	<b>&lt;0.46</b>	ug/m3	2.1	0.46	1.49		03/31/17 20:47	76-14-2	
Ethanol	<b>19.8</b>	ug/m3	1.4	0.39	1.49		03/31/17 20:47	64-17-5	
Ethyl acetate	<b>&lt;0.52</b>	ug/m3	1.1	0.52	1.49		03/31/17 20:47	141-78-6	
Ethylbenzene	<b>&lt;0.63</b>	ug/m3	1.3	0.63	1.49		03/31/17 20:47	100-41-4	
4-Ethyltoluene	<b>&lt;0.28</b>	ug/m3	1.5	0.28	1.49		03/31/17 20:47	622-96-8	
n-Heptane	<b>5.9</b>	ug/m3	1.2	0.42	1.49		03/31/17 20:47	142-82-5	
Hexachloro-1,3-butadiene	<b>&lt;0.97</b>	ug/m3	8.1	0.97	1.49		03/31/17 20:47	87-68-3	
n-Hexane	<b>19.2</b>	ug/m3	1.1	0.53	1.49		03/31/17 20:47	110-54-3	
2-Hexanone	<b>&lt;0.61</b>	ug/m3	6.2	0.61	1.49		03/31/17 20:47	591-78-6	
Methylene Chloride	<b>200</b>	ug/m3	5.3	0.81	1.49		03/31/17 20:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>&lt;0.32</b>	ug/m3	6.2	0.32	1.49		03/31/17 20:47	108-10-1	
Methyl-tert-butyl ether	<b>&lt;0.45</b>	ug/m3	5.5	0.45	1.49		03/31/17 20:47	1634-04-4	
Naphthalene	<b>&lt;0.45</b>	ug/m3	4.0	0.45	1.49		03/31/17 20:47	91-20-3	
2-Propanol	<b>5.0</b>	ug/m3	3.7	0.36	1.49		03/31/17 20:47	67-63-0	
Propylene	<b>&lt;0.20</b>	ug/m3	0.52	0.20	1.49		03/31/17 20:47	115-07-1	
Styrene	<b>&lt;0.29</b>	ug/m3	1.3	0.29	1.49		03/31/17 20:47	100-42-5	
1,1,2,2-Tetrachloroethane	<b>&lt;0.49</b>	ug/m3	5.2	0.49	1.49		03/31/17 20:47	79-34-5	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

**Sample: 8hr LB Basement**      **Lab ID: 10382064001**      Collected: 03/13/17 18:17      Received: 03/16/17 17:15      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>		Analytical Method: TO-15							
Tetrachloroethene	<0.41	ug/m3	2.1	0.41	1.49		03/31/17 20:47	127-18-4	
Tetrahydrofuran	<0.18	ug/m3	0.89	0.18	1.49		03/31/17 20:47	109-99-9	
Toluene	2.4	ug/m3	1.1	0.23	1.49		03/31/17 20:47	108-88-3	
1,2,4-Trichlorobenzene	<1.4	ug/m3	5.6	1.4	1.49		03/31/17 20:47	120-82-1	
1,1,1-Trichloroethane	<0.37	ug/m3	1.7	0.37	1.49		03/31/17 20:47	71-55-6	
1,1,2-Trichloroethane	<0.37	ug/m3	0.82	0.37	1.49		03/31/17 20:47	79-00-5	
Trichloroethene	<0.41	ug/m3	0.82	0.41	1.49		03/31/17 20:47	79-01-6	
Trichlorofluoromethane	1.1J	ug/m3	1.7	0.20	1.49		03/31/17 20:47	75-69-4	
1,1,2-Trichlorotrifluoroethane	<0.45	ug/m3	2.4	0.45	1.49		03/31/17 20:47	76-13-1	
1,2,4-Trimethylbenzene	1.2J	ug/m3	3.7	0.19	1.49		03/31/17 20:47	95-63-6	
1,3,5-Trimethylbenzene	<0.27	ug/m3	1.5	0.27	1.49		03/31/17 20:47	108-67-8	
Vinyl acetate	<0.49	ug/m3	1.1	0.49	1.49		03/31/17 20:47	108-05-4	
Vinyl chloride	<0.29	ug/m3	0.39	0.29	1.49		03/31/17 20:47	75-01-4	
m&p-Xylene	<1.2	ug/m3	2.6	1.2	1.49		03/31/17 20:47	179601-23-1	
o-Xylene	<0.52	ug/m3	1.3	0.52	1.49		03/31/17 20:47	95-47-6	

### REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

Sample: 8hr LB Storage Lab ID: 10382064002 Collected: 03/13/17 18:33 Received: 03/16/17 17:15 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>									
Analytical Method: TO-15									
Acetone	10.9	ug/m3	3.7	1.3	1.55		03/31/17 21:44	67-64-1	
Benzene	0.52	ug/m3	0.50	0.19	1.55		03/31/17 21:44	71-43-2	
Benzyl chloride	<0.26	ug/m3	4.1	0.26	1.55		03/31/17 21:44	100-44-7	
Bromodichloromethane	<0.30	ug/m3	2.1	0.30	1.55		03/31/17 21:44	75-27-4	
Bromoform	<1.4	ug/m3	3.3	1.4	1.55		03/31/17 21:44	75-25-2	
Bromomethane	<0.48	ug/m3	1.2	0.48	1.55		03/31/17 21:44	74-83-9	
1,3-Butadiene	<0.27	ug/m3	0.70	0.27	1.55		03/31/17 21:44	106-99-0	
2-Butanone (MEK)	3.4J	ug/m3	4.6	0.35	1.55		03/31/17 21:44	78-93-3	
Carbon disulfide	<0.16	ug/m3	0.98	0.16	1.55		03/31/17 21:44	75-15-0	
Carbon tetrachloride	<0.30	ug/m3	0.99	0.30	1.55		03/31/17 21:44	56-23-5	
Chlorobenzene	<0.21	ug/m3	1.5	0.21	1.55		03/31/17 21:44	108-90-7	
Chloroethane	<0.30	ug/m3	0.84	0.30	1.55		03/31/17 21:44	75-00-3	
Chloroform	0.43J	ug/m3	0.77	0.29	1.55		03/31/17 21:44	67-66-3	
Chloromethane	0.67	ug/m3	0.65	0.17	1.55		03/31/17 21:44	74-87-3	
Cyclohexane	<0.49	ug/m3	1.1	0.49	1.55		03/31/17 21:44	110-82-7	
Dibromochloromethane	<1.3	ug/m3	2.7	1.3	1.55		03/31/17 21:44	124-48-1	
1,2-Dibromoethane (EDB)	<1.2	ug/m3	2.4	1.2	1.55		03/31/17 21:44	106-93-4	
1,2-Dichlorobenzene	<0.79	ug/m3	4.7	0.79	1.55		03/31/17 21:44	95-50-1	
1,3-Dichlorobenzene	<0.82	ug/m3	4.7	0.82	1.55		03/31/17 21:44	541-73-1	
1,4-Dichlorobenzene	<0.77	ug/m3	4.7	0.77	1.55		03/31/17 21:44	106-46-7	
Dichlorodifluoromethane	2.4	ug/m3	1.6	0.74	1.55		03/31/17 21:44	75-71-8	
1,1-Dichloroethane	<0.24	ug/m3	1.3	0.24	1.55		03/31/17 21:44	75-34-3	
1,2-Dichloroethane	<0.32	ug/m3	0.64	0.32	1.55		03/31/17 21:44	107-06-2	
1,1-Dichloroethene	<0.37	ug/m3	1.3	0.37	1.55		03/31/17 21:44	75-35-4	
cis-1,2-Dichloroethene	<0.38	ug/m3	1.3	0.38	1.55		03/31/17 21:44	156-59-2	
trans-1,2-Dichloroethene	3.4	ug/m3	1.3	0.60	1.55		03/31/17 21:44	156-60-5	
1,2-Dichloropropane	<0.42	ug/m3	1.5	0.42	1.55		03/31/17 21:44	78-87-5	
cis-1,3-Dichloropropene	<0.57	ug/m3	1.4	0.57	1.55		03/31/17 21:44	10061-01-5	
trans-1,3-Dichloropropene	<0.40	ug/m3	1.4	0.40	1.55		03/31/17 21:44	10061-02-6	
Dichlorotetrafluoroethane	<0.48	ug/m3	2.2	0.48	1.55		03/31/17 21:44	76-14-2	
Ethanol	24.2	ug/m3	1.5	0.41	1.55		03/31/17 21:44	64-17-5	
Ethyl acetate	<0.54	ug/m3	1.1	0.54	1.55		03/31/17 21:44	141-78-6	
Ethylbenzene	<0.66	ug/m3	1.4	0.66	1.55		03/31/17 21:44	100-41-4	
4-Ethyltoluene	<0.29	ug/m3	1.6	0.29	1.55		03/31/17 21:44	622-96-8	
n-Heptane	2.2	ug/m3	1.3	0.43	1.55		03/31/17 21:44	142-82-5	
Hexachloro-1,3-butadiene	<1.0	ug/m3	8.4	1.0	1.55		03/31/17 21:44	87-68-3	
n-Hexane	2.5	ug/m3	1.1	0.55	1.55		03/31/17 21:44	110-54-3	
2-Hexanone	<0.64	ug/m3	6.5	0.64	1.55		03/31/17 21:44	591-78-6	
Methylene Chloride	<0.84	ug/m3	5.5	0.84	1.55		03/31/17 21:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.34	ug/m3	6.5	0.34	1.55		03/31/17 21:44	108-10-1	
Methyl-tert-butyl ether	<0.47	ug/m3	5.7	0.47	1.55		03/31/17 21:44	1634-04-4	
Naphthalene	<0.47	ug/m3	4.1	0.47	1.55		03/31/17 21:44	91-20-3	
2-Propanol	0.45J	ug/m3	3.9	0.37	1.55		03/31/17 21:44	67-63-0	
Propylene	<0.21	ug/m3	0.54	0.21	1.55		03/31/17 21:44	115-07-1	
Styrene	<0.30	ug/m3	1.3	0.30	1.55		03/31/17 21:44	100-42-5	
1,1,2,2-Tetrachloroethane	<0.51	ug/m3	5.4	0.51	1.55		03/31/17 21:44	79-34-5	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

**Sample: 8hr LB Storage**      **Lab ID: 10382064002**      Collected: 03/13/17 18:33      Received: 03/16/17 17:15      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	2.1	0.43	1.55		03/31/17 21:44	127-18-4	
Tetrahydrofuran	<0.18	ug/m3	0.93	0.18	1.55		03/31/17 21:44	109-99-9	
Toluene	1.1J	ug/m3	1.2	0.24	1.55		03/31/17 21:44	108-88-3	
1,2,4-Trichlorobenzene	<1.4	ug/m3	5.8	1.4	1.55		03/31/17 21:44	120-82-1	
1,1,1-Trichloroethane	<0.38	ug/m3	1.7	0.38	1.55		03/31/17 21:44	71-55-6	
1,1,2-Trichloroethane	<0.38	ug/m3	0.85	0.38	1.55		03/31/17 21:44	79-00-5	
Trichloroethene	<0.43	ug/m3	0.85	0.43	1.55		03/31/17 21:44	79-01-6	
Trichlorofluoromethane	1.0J	ug/m3	1.8	0.20	1.55		03/31/17 21:44	75-69-4	
1,1,2-Trichlorotrifluoroethane	<0.47	ug/m3	2.5	0.47	1.55		03/31/17 21:44	76-13-1	
1,2,4-Trimethylbenzene	<0.19	ug/m3	3.9	0.19	1.55		03/31/17 21:44	95-63-6	
1,3,5-Trimethylbenzene	<0.28	ug/m3	1.5	0.28	1.55		03/31/17 21:44	108-67-8	
Vinyl acetate	<0.51	ug/m3	1.1	0.51	1.55		03/31/17 21:44	108-05-4	
Vinyl chloride	<0.30	ug/m3	0.40	0.30	1.55		03/31/17 21:44	75-01-4	
m&p-Xylene	<1.2	ug/m3	2.7	1.2	1.55		03/31/17 21:44	179601-23-1	
o-Xylene	<0.54	ug/m3	1.4	0.54	1.55		03/31/17 21:44	95-47-6	

### REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

Sample: 8hr LB Foyer Lab ID: 10382064003 Collected: 03/13/17 18:35 Received: 03/16/17 17:15 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>		Analytical Method: TO-15							
Acetone	22.6	ug/m3	3.7	1.3	1.55		03/31/17 22:11	67-64-1	
Benzene	0.52	ug/m3	0.50	0.19	1.55		03/31/17 22:11	71-43-2	
Benzyl chloride	<0.26	ug/m3	4.1	0.26	1.55		03/31/17 22:11	100-44-7	
Bromodichloromethane	<0.30	ug/m3	2.1	0.30	1.55		03/31/17 22:11	75-27-4	
Bromoform	<1.4	ug/m3	3.3	1.4	1.55		03/31/17 22:11	75-25-2	
Bromomethane	<0.48	ug/m3	1.2	0.48	1.55		03/31/17 22:11	74-83-9	
1,3-Butadiene	<0.27	ug/m3	0.70	0.27	1.55		03/31/17 22:11	106-99-0	
2-Butanone (MEK)	4.9	ug/m3	4.6	0.35	1.55		03/31/17 22:11	78-93-3	
Carbon disulfide	<0.16	ug/m3	0.98	0.16	1.55		03/31/17 22:11	75-15-0	
Carbon tetrachloride	1.0	ug/m3	0.99	0.30	1.55		03/31/17 22:11	56-23-5	
Chlorobenzene	<0.21	ug/m3	1.5	0.21	1.55		03/31/17 22:11	108-90-7	
Chloroethane	<0.30	ug/m3	0.84	0.30	1.55		03/31/17 22:11	75-00-3	
Chloroform	0.85	ug/m3	0.77	0.29	1.55		03/31/17 22:11	67-66-3	
Chloromethane	0.76	ug/m3	0.65	0.17	1.55		03/31/17 22:11	74-87-3	
Cyclohexane	0.60J	ug/m3	1.1	0.49	1.55		03/31/17 22:11	110-82-7	
Dibromochloromethane	<1.3	ug/m3	2.7	1.3	1.55		03/31/17 22:11	124-48-1	
1,2-Dibromoethane (EDB)	<1.2	ug/m3	2.4	1.2	1.55		03/31/17 22:11	106-93-4	
1,2-Dichlorobenzene	<0.79	ug/m3	4.7	0.79	1.55		03/31/17 22:11	95-50-1	
1,3-Dichlorobenzene	<0.82	ug/m3	4.7	0.82	1.55		03/31/17 22:11	541-73-1	
1,4-Dichlorobenzene	<0.77	ug/m3	4.7	0.77	1.55		03/31/17 22:11	106-46-7	
Dichlorodifluoromethane	1.6	ug/m3	1.6	0.74	1.55		03/31/17 22:11	75-71-8	
1,1-Dichloroethane	<0.24	ug/m3	1.3	0.24	1.55		03/31/17 22:11	75-34-3	
1,2-Dichloroethane	<0.32	ug/m3	0.64	0.32	1.55		03/31/17 22:11	107-06-2	
1,1-Dichloroethene	<0.37	ug/m3	1.3	0.37	1.55		03/31/17 22:11	75-35-4	
cis-1,2-Dichloroethene	<0.38	ug/m3	1.3	0.38	1.55		03/31/17 22:11	156-59-2	
trans-1,2-Dichloroethene	3.1	ug/m3	1.3	0.60	1.55		03/31/17 22:11	156-60-5	
1,2-Dichloropropane	<0.42	ug/m3	1.5	0.42	1.55		03/31/17 22:11	78-87-5	
cis-1,3-Dichloropropene	<0.57	ug/m3	1.4	0.57	1.55		03/31/17 22:11	10061-01-5	
trans-1,3-Dichloropropene	<0.40	ug/m3	1.4	0.40	1.55		03/31/17 22:11	10061-02-6	
Dichlorotetrafluoroethane	<0.48	ug/m3	2.2	0.48	1.55		03/31/17 22:11	76-14-2	
Ethanol	76.9	ug/m3	1.5	0.41	1.55		03/31/17 22:11	64-17-5	
Ethyl acetate	<0.54	ug/m3	1.1	0.54	1.55		03/31/17 22:11	141-78-6	
Ethylbenzene	<0.66	ug/m3	1.4	0.66	1.55		03/31/17 22:11	100-41-4	
4-Ethyltoluene	<0.29	ug/m3	1.6	0.29	1.55		03/31/17 22:11	622-96-8	
n-Heptane	1.3J	ug/m3	1.3	0.43	1.55		03/31/17 22:11	142-82-5	
Hexachloro-1,3-butadiene	<1.0	ug/m3	8.4	1.0	1.55		03/31/17 22:11	87-68-3	
n-Hexane	2.0	ug/m3	1.1	0.55	1.55		03/31/17 22:11	110-54-3	
2-Hexanone	<0.64	ug/m3	6.5	0.64	1.55		03/31/17 22:11	591-78-6	
Methylene Chloride	1.3J	ug/m3	5.5	0.84	1.55		03/31/17 22:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.34	ug/m3	6.5	0.34	1.55		03/31/17 22:11	108-10-1	
Methyl-tert-butyl ether	<0.47	ug/m3	5.7	0.47	1.55		03/31/17 22:11	1634-04-4	
Naphthalene	<0.47	ug/m3	4.1	0.47	1.55		03/31/17 22:11	91-20-3	
2-Propanol	4.5	ug/m3	3.9	0.37	1.55		03/31/17 22:11	67-63-0	
Propylene	<0.21	ug/m3	0.54	0.21	1.55		03/31/17 22:11	115-07-1	
Styrene	<0.30	ug/m3	1.3	0.30	1.55		03/31/17 22:11	100-42-5	
1,1,2,2-Tetrachloroethane	<0.51	ug/m3	5.4	0.51	1.55		03/31/17 22:11	79-34-5	

### REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

**Sample: 8hr LB Foyer**      **Lab ID: 10382064003**      Collected: 03/13/17 18:35      Received: 03/16/17 17:15      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	2.1	0.43	1.55		03/31/17 22:11	127-18-4	
Tetrahydrofuran	<0.18	ug/m3	0.93	0.18	1.55		03/31/17 22:11	109-99-9	
Toluene	<b>0.89J</b>	ug/m3	1.2	0.24	1.55		03/31/17 22:11	108-88-3	
1,2,4-Trichlorobenzene	<1.4	ug/m3	5.8	1.4	1.55		03/31/17 22:11	120-82-1	
1,1,1-Trichloroethane	<0.38	ug/m3	1.7	0.38	1.55		03/31/17 22:11	71-55-6	
1,1,2-Trichloroethane	<0.38	ug/m3	0.85	0.38	1.55		03/31/17 22:11	79-00-5	
Trichloroethene	<0.43	ug/m3	0.85	0.43	1.55		03/31/17 22:11	79-01-6	
Trichlorofluoromethane	<b>0.99J</b>	ug/m3	1.8	0.20	1.55		03/31/17 22:11	75-69-4	
1,1,2-Trichlorotrifluoroethane	<0.47	ug/m3	2.5	0.47	1.55		03/31/17 22:11	76-13-1	
1,2,4-Trimethylbenzene	<0.19	ug/m3	3.9	0.19	1.55		03/31/17 22:11	95-63-6	
1,3,5-Trimethylbenzene	<0.28	ug/m3	1.5	0.28	1.55		03/31/17 22:11	108-67-8	
Vinyl acetate	<b>2.0</b>	ug/m3	1.1	0.51	1.55		03/31/17 22:11	108-05-4	
Vinyl chloride	<0.30	ug/m3	0.40	0.30	1.55		03/31/17 22:11	75-01-4	
m&p-Xylene	<1.2	ug/m3	2.7	1.2	1.55		03/31/17 22:11	179601-23-1	
o-Xylene	<0.54	ug/m3	1.4	0.54	1.55		03/31/17 22:11	95-47-6	

## REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

**Sample: VP-1**      **Lab ID: 10382064004**      Collected: 03/13/17 13:38      Received: 03/16/17 17:15      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b> Analytical Method: TO-15									
Acetone	78.9	ug/m3	4.1	1.4	1.68		03/31/17 22:39	67-64-1	
Benzene	1.4	ug/m3	0.55	0.20	1.68		03/31/17 22:39	71-43-2	
Benzyl chloride	<0.28	ug/m3	4.4	0.28	1.68		03/31/17 22:39	100-44-7	
Bromodichloromethane	<0.33	ug/m3	2.3	0.33	1.68		03/31/17 22:39	75-27-4	
Bromoform	<1.5	ug/m3	3.5	1.5	1.68		03/31/17 22:39	75-25-2	
Bromomethane	<0.52	ug/m3	1.3	0.52	1.68		03/31/17 22:39	74-83-9	
1,3-Butadiene	<0.30	ug/m3	0.76	0.30	1.68		03/31/17 22:39	106-99-0	
2-Butanone (MEK)	7.2	ug/m3	5.0	0.38	1.68		03/31/17 22:39	78-93-3	
Carbon disulfide	<0.17	ug/m3	1.1	0.17	1.68		03/31/17 22:39	75-15-0	
Carbon tetrachloride	1.5	ug/m3	1.1	0.32	1.68		03/31/17 22:39	56-23-5	
Chlorobenzene	<0.23	ug/m3	1.6	0.23	1.68		03/31/17 22:39	108-90-7	
Chloroethane	<0.33	ug/m3	0.91	0.33	1.68		03/31/17 22:39	75-00-3	
Chloroform	1.1	ug/m3	0.83	0.32	1.68		03/31/17 22:39	67-66-3	
Chloromethane	0.87	ug/m3	0.71	0.18	1.68		03/31/17 22:39	74-87-3	
Cyclohexane	2.4	ug/m3	1.2	0.53	1.68		03/31/17 22:39	110-82-7	
Dibromochloromethane	<1.4	ug/m3	2.9	1.4	1.68		03/31/17 22:39	124-48-1	
1,2-Dibromoethane (EDB)	<1.3	ug/m3	2.6	1.3	1.68		03/31/17 22:39	106-93-4	
1,2-Dichlorobenzene	<0.86	ug/m3	5.1	0.86	1.68		03/31/17 22:39	95-50-1	
1,3-Dichlorobenzene	<0.89	ug/m3	5.1	0.89	1.68		03/31/17 22:39	541-73-1	
1,4-Dichlorobenzene	<0.84	ug/m3	5.1	0.84	1.68		03/31/17 22:39	106-46-7	
Dichlorodifluoromethane	1.5J	ug/m3	1.7	0.81	1.68		03/31/17 22:39	75-71-8	
1,1-Dichloroethane	<0.26	ug/m3	1.4	0.26	1.68		03/31/17 22:39	75-34-3	
1,2-Dichloroethane	<0.34	ug/m3	0.69	0.34	1.68		03/31/17 22:39	107-06-2	
1,1-Dichloroethene	<0.40	ug/m3	1.4	0.40	1.68		03/31/17 22:39	75-35-4	
cis-1,2-Dichloroethene	<0.41	ug/m3	1.4	0.41	1.68		03/31/17 22:39	156-59-2	
trans-1,2-Dichloroethene	4.0	ug/m3	1.4	0.65	1.68		03/31/17 22:39	156-60-5	
1,2-Dichloropropane	<0.45	ug/m3	1.6	0.45	1.68		03/31/17 22:39	78-87-5	
cis-1,3-Dichloropropene	<0.62	ug/m3	1.5	0.62	1.68		03/31/17 22:39	10061-01-5	
trans-1,3-Dichloropropene	<0.44	ug/m3	1.5	0.44	1.68		03/31/17 22:39	10061-02-6	
Dichlorotetrafluoroethane	<0.52	ug/m3	2.4	0.52	1.68		03/31/17 22:39	76-14-2	
Ethanol	32.3	ug/m3	1.6	0.45	1.68		03/31/17 22:39	64-17-5	
Ethyl acetate	<0.58	ug/m3	1.2	0.58	1.68		03/31/17 22:39	141-78-6	
Ethylbenzene	<0.71	ug/m3	1.5	0.71	1.68		03/31/17 22:39	100-41-4	
4-Ethyltoluene	<0.32	ug/m3	1.7	0.32	1.68		03/31/17 22:39	622-96-8	
n-Heptane	6.0	ug/m3	1.4	0.47	1.68		03/31/17 22:39	142-82-5	
Hexachloro-1,3-butadiene	<1.1	ug/m3	9.1	1.1	1.68		03/31/17 22:39	87-68-3	
n-Hexane	4.3	ug/m3	1.2	0.60	1.68		03/31/17 22:39	110-54-3	
2-Hexanone	<0.69	ug/m3	7.0	0.69	1.68		03/31/17 22:39	591-78-6	
Methylene Chloride	<0.91	ug/m3	5.9	0.91	1.68		03/31/17 22:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.36	ug/m3	7.0	0.36	1.68		03/31/17 22:39	108-10-1	
Methyl-tert-butyl ether	<0.51	ug/m3	6.2	0.51	1.68		03/31/17 22:39	1634-04-4	
Naphthalene	8.2	ug/m3	4.5	0.51	1.68		03/31/17 22:39	91-20-3	
2-Propanol	35.5	ug/m3	4.2	0.40	1.68		03/31/17 22:39	67-63-0	
Propylene	<0.23	ug/m3	0.59	0.23	1.68		03/31/17 22:39	115-07-1	
Styrene	<0.32	ug/m3	1.5	0.32	1.68		03/31/17 22:39	100-42-5	
1,1,2,2-Tetrachloroethane	<0.55	ug/m3	5.9	0.55	1.68		03/31/17 22:39	79-34-5	

### REPORT OF LABORATORY ANALYSIS

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



### ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

**Sample: VP-1**      **Lab ID: 10382064004**      Collected: 03/13/17 13:38      Received: 03/16/17 17:15      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>		Analytical Method: TO-15							
Tetrachloroethene	<b>47.9</b>	ug/m3	2.3	0.47	1.68		03/31/17 22:39	127-18-4	
Tetrahydrofuran	<b>&lt;0.20</b>	ug/m3	1.0	0.20	1.68		03/31/17 22:39	109-99-9	
Toluene	<b>1.7</b>	ug/m3	1.3	0.26	1.68		03/31/17 22:39	108-88-3	
1,2,4-Trichlorobenzene	<b>&lt;1.5</b>	ug/m3	6.3	1.5	1.68		03/31/17 22:39	120-82-1	
1,1,1-Trichloroethane	<b>&lt;0.41</b>	ug/m3	1.9	0.41	1.68		03/31/17 22:39	71-55-6	
1,1,2-Trichloroethane	<b>&lt;0.41</b>	ug/m3	0.92	0.41	1.68		03/31/17 22:39	79-00-5	
Trichloroethene	<b>&lt;0.46</b>	ug/m3	0.92	0.46	1.68		03/31/17 22:39	79-01-6	
Trichlorofluoromethane	<b>1.1J</b>	ug/m3	1.9	0.22	1.68		03/31/17 22:39	75-69-4	
1,1,2-Trichlorotrifluoroethane	<b>&lt;0.51</b>	ug/m3	2.7	0.51	1.68		03/31/17 22:39	76-13-1	
1,2,4-Trimethylbenzene	<b>3.9J</b>	ug/m3	4.2	0.21	1.68		03/31/17 22:39	95-63-6	
1,3,5-Trimethylbenzene	<b>&lt;0.31</b>	ug/m3	1.7	0.31	1.68		03/31/17 22:39	108-67-8	
Vinyl acetate	<b>1.9</b>	ug/m3	1.2	0.55	1.68		03/31/17 22:39	108-05-4	
Vinyl chloride	<b>&lt;0.33</b>	ug/m3	0.44	0.33	1.68		03/31/17 22:39	75-01-4	
m&p-Xylene	<b>3.9</b>	ug/m3	3.0	1.3	1.68		03/31/17 22:39	179601-23-1	
o-Xylene	<b>&lt;0.59</b>	ug/m3	1.5	0.59	1.68		03/31/17 22:39	95-47-6	

### REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

**Sample: VP-2**      **Lab ID: 10382064005**      Collected: 03/13/17 14:43      Received: 03/16/17 17:15      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b> Analytical Method: TO-15									
Acetone	112	ug/m3	4.2	1.5	1.75		03/31/17 23:07	67-64-1	
Benzene	1.6	ug/m3	0.57	0.21	1.75		03/31/17 23:07	71-43-2	
Benzyl chloride	<0.29	ug/m3	4.6	0.29	1.75		03/31/17 23:07	100-44-7	
Bromodichloromethane	<0.34	ug/m3	2.4	0.34	1.75		03/31/17 23:07	75-27-4	
Bromoform	<1.6	ug/m3	3.7	1.6	1.75		03/31/17 23:07	75-25-2	
Bromomethane	<0.54	ug/m3	1.4	0.54	1.75		03/31/17 23:07	74-83-9	
1,3-Butadiene	<0.31	ug/m3	0.79	0.31	1.75		03/31/17 23:07	106-99-0	
2-Butanone (MEK)	4.2J	ug/m3	5.2	0.40	1.75		03/31/17 23:07	78-93-3	
Carbon disulfide	<0.18	ug/m3	1.1	0.18	1.75		03/31/17 23:07	75-15-0	
Carbon tetrachloride	1.2	ug/m3	1.1	0.34	1.75		03/31/17 23:07	56-23-5	
Chlorobenzene	<0.23	ug/m3	1.6	0.23	1.75		03/31/17 23:07	108-90-7	
Chloroethane	<0.34	ug/m3	0.94	0.34	1.75		03/31/17 23:07	75-00-3	
Chloroform	1.4	ug/m3	0.87	0.33	1.75		03/31/17 23:07	67-66-3	
Chloromethane	0.89	ug/m3	0.74	0.19	1.75		03/31/17 23:07	74-87-3	
Cyclohexane	0.61J	ug/m3	1.2	0.55	1.75		03/31/17 23:07	110-82-7	
Dibromochloromethane	<1.5	ug/m3	3.0	1.5	1.75		03/31/17 23:07	124-48-1	
1,2-Dibromoethane (EDB)	<1.4	ug/m3	2.7	1.4	1.75		03/31/17 23:07	106-93-4	
1,2-Dichlorobenzene	<0.90	ug/m3	5.3	0.90	1.75		03/31/17 23:07	95-50-1	
1,3-Dichlorobenzene	<0.93	ug/m3	5.3	0.93	1.75		03/31/17 23:07	541-73-1	
1,4-Dichlorobenzene	<0.87	ug/m3	5.3	0.87	1.75		03/31/17 23:07	106-46-7	
Dichlorodifluoromethane	1.7J	ug/m3	1.8	0.84	1.75		03/31/17 23:07	75-71-8	
1,1-Dichloroethane	<0.27	ug/m3	1.4	0.27	1.75		03/31/17 23:07	75-34-3	
1,2-Dichloroethane	<0.36	ug/m3	0.72	0.36	1.75		03/31/17 23:07	107-06-2	
1,1-Dichloroethene	<0.42	ug/m3	1.4	0.42	1.75		03/31/17 23:07	75-35-4	
cis-1,2-Dichloroethene	<0.43	ug/m3	1.4	0.43	1.75		03/31/17 23:07	156-59-2	
trans-1,2-Dichloroethene	3.0	ug/m3	1.4	0.67	1.75		03/31/17 23:07	156-60-5	
1,2-Dichloropropane	<0.47	ug/m3	1.6	0.47	1.75		03/31/17 23:07	78-87-5	
cis-1,3-Dichloropropene	<0.65	ug/m3	1.6	0.65	1.75		03/31/17 23:07	10061-01-5	
trans-1,3-Dichloropropene	<0.46	ug/m3	1.6	0.46	1.75		03/31/17 23:07	10061-02-6	
Dichlorotetrafluoroethane	<0.54	ug/m3	2.5	0.54	1.75		03/31/17 23:07	76-14-2	
Ethanol	6.5	ug/m3	1.7	0.46	1.75		03/31/17 23:07	64-17-5	
Ethyl acetate	<0.61	ug/m3	1.3	0.61	1.75		03/31/17 23:07	141-78-6	
Ethylbenzene	<0.74	ug/m3	1.5	0.74	1.75		03/31/17 23:07	100-41-4	
4-Ethyltoluene	<0.33	ug/m3	1.8	0.33	1.75		03/31/17 23:07	622-96-8	
n-Heptane	1.8	ug/m3	1.5	0.49	1.75		03/31/17 23:07	142-82-5	
Hexachloro-1,3-butadiene	<1.1	ug/m3	9.5	1.1	1.75		03/31/17 23:07	87-68-3	
n-Hexane	3.4	ug/m3	1.3	0.62	1.75		03/31/17 23:07	110-54-3	
2-Hexanone	2.8J	ug/m3	7.3	0.72	1.75		03/31/17 23:07	591-78-6	
Methylene Chloride	<0.95	ug/m3	6.2	0.95	1.75		03/31/17 23:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	7.8	ug/m3	7.3	0.38	1.75		03/31/17 23:07	108-10-1	
Methyl-tert-butyl ether	<0.53	ug/m3	6.4	0.53	1.75		03/31/17 23:07	1634-04-4	
Naphthalene	3.4J	ug/m3	4.7	0.53	1.75		03/31/17 23:07	91-20-3	
2-Propanol	6.6	ug/m3	4.4	0.42	1.75		03/31/17 23:07	67-63-0	
Propylene	<0.24	ug/m3	0.61	0.24	1.75		03/31/17 23:07	115-07-1	
Styrene	<0.34	ug/m3	1.5	0.34	1.75		03/31/17 23:07	100-42-5	
1,1,2,2-Tetrachloroethane	<0.58	ug/m3	6.1	0.58	1.75		03/31/17 23:07	79-34-5	

### REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

**Sample: VP-2**      **Lab ID: 10382064005**      Collected: 03/13/17 14:43      Received: 03/16/17 17:15      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>		Analytical Method: TO-15							
Tetrachloroethene	<b>6.8</b>	ug/m3	2.4	0.49	1.75		03/31/17 23:07	127-18-4	
Tetrahydrofuran	<b>&lt;0.21</b>	ug/m3	1.0	0.21	1.75		03/31/17 23:07	109-99-9	
Toluene	<b>1.0J</b>	ug/m3	1.3	0.27	1.75		03/31/17 23:07	108-88-3	
1,2,4-Trichlorobenzene	<b>&lt;1.6</b>	ug/m3	6.6	1.6	1.75		03/31/17 23:07	120-82-1	
1,1,1-Trichloroethane	<b>&lt;0.43</b>	ug/m3	1.9	0.43	1.75		03/31/17 23:07	71-55-6	
1,1,2-Trichloroethane	<b>&lt;0.43</b>	ug/m3	0.96	0.43	1.75		03/31/17 23:07	79-00-5	
Trichloroethene	<b>&lt;0.48</b>	ug/m3	0.96	0.48	1.75		03/31/17 23:07	79-01-6	
Trichlorofluoromethane	<b>1.0J</b>	ug/m3	2.0	0.23	1.75		03/31/17 23:07	75-69-4	
1,1,2-Trichlorotrifluoroethane	<b>&lt;0.53</b>	ug/m3	2.8	0.53	1.75		03/31/17 23:07	76-13-1	
1,2,4-Trimethylbenzene	<b>&lt;0.22</b>	ug/m3	4.4	0.22	1.75		03/31/17 23:07	95-63-6	
1,3,5-Trimethylbenzene	<b>&lt;0.32</b>	ug/m3	1.7	0.32	1.75		03/31/17 23:07	108-67-8	
Vinyl acetate	<b>0.82J</b>	ug/m3	1.3	0.58	1.75		03/31/17 23:07	108-05-4	
Vinyl chloride	<b>&lt;0.34</b>	ug/m3	0.46	0.34	1.75		03/31/17 23:07	75-01-4	
m&p-Xylene	<b>2.9J</b>	ug/m3	3.1	1.4	1.75		03/31/17 23:07	179601-23-1	
o-Xylene	<b>1.1J</b>	ug/m3	1.5	0.61	1.75		03/31/17 23:07	95-47-6	

## REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

Sample: VP-3 Lab ID: 10382064006 Collected: 03/13/17 16:17 Received: 03/16/17 17:15 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>									
Analytical Method: TO-15									
Acetone	0.0J	ug/m3	20800		8601.6		04/02/17 14:04	67-64-1	
Benzene	41500	ug/m3	2800		8601.6		04/02/17 14:04	71-43-2	
Benzyl chloride	0.0J	ug/m3	22600		8601.6		04/02/17 14:04	100-44-7	
Bromodichloromethane	0.0J	ug/m3	11700		8601.6		04/02/17 14:04	75-27-4	
Bromoform	0.0J	ug/m3	18100		8601.6		04/02/17 14:04	75-25-2	
Bromomethane	0.0J	ug/m3	6800		8601.6		04/02/17 14:04	74-83-9	
1,3-Butadiene	0.0J	ug/m3	3870		8601.6		04/02/17 14:04	106-99-0	
2-Butanone (MEK)	0.0J	ug/m3	25800		8601.6		04/02/17 14:04	78-93-3	
Carbon disulfide	0.0J	ug/m3	5420		8601.6		04/02/17 14:04	75-15-0	
Carbon tetrachloride	0.0J	ug/m3	5510		8601.6		04/02/17 14:04	56-23-5	
Chlorobenzene	0.0J	ug/m3	8090		8601.6		04/02/17 14:04	108-90-7	
Chloroethane	0.0J	ug/m3	4640		8601.6		04/02/17 14:04	75-00-3	
Chloroform	0.0J	ug/m3	4270		8601.6		04/02/17 14:04	67-66-3	
Chloromethane	0.0J	ug/m3	3610		8601.6		04/02/17 14:04	74-87-3	
Cyclohexane	1550000	ug/m3	6020		8601.6		04/02/17 14:04	110-82-7	E
Dibromochloromethane	0.0J	ug/m3	14900		8601.6		04/02/17 14:04	124-48-1	
1,2-Dibromoethane (EDB)	0.0J	ug/m3	13400		8601.6		04/02/17 14:04	106-93-4	
1,2-Dichlorobenzene	0.0J	ug/m3	10500		8601.6		04/02/17 14:04	95-50-1	
1,3-Dichlorobenzene	0.0J	ug/m3	10500		8601.6		04/02/17 14:04	541-73-1	
1,4-Dichlorobenzene	0.0J	ug/m3	10500		8601.6		04/02/17 14:04	106-46-7	
Dichlorodifluoromethane	1570J	ug/m3	8690		8601.6		04/02/17 14:04	75-71-8	
1,1-Dichloroethane	0.0J	ug/m3	7050		8601.6		04/02/17 14:04	75-34-3	
1,2-Dichloroethane	0.0J	ug/m3	3530		8601.6		04/02/17 14:04	107-06-2	
1,1-Dichloroethene	0.0J	ug/m3	6970		8601.6		04/02/17 14:04	75-35-4	
cis-1,2-Dichloroethene	36000	ug/m3	6970		8601.6		04/02/17 14:04	156-59-2	
trans-1,2-Dichloroethene	0.0J	ug/m3	6970		8601.6		04/02/17 14:04	156-60-5	
1,2-Dichloropropane	0.0J	ug/m3	8090		8601.6		04/02/17 14:04	78-87-5	
cis-1,3-Dichloropropene	0.0J	ug/m3	7910		8601.6		04/02/17 14:04	10061-01-5	
trans-1,3-Dichloropropene	0.0J	ug/m3	7910		8601.6		04/02/17 14:04	10061-02-6	
Dichlorotetrafluoroethane	0.0J	ug/m3	12200		8601.6		04/02/17 14:04	76-14-2	
Ethanol	0.0J	ug/m3	8240		8601.6		04/02/17 14:04	64-17-5	
Ethyl acetate	0.0J	ug/m3	6280		8601.6		04/02/17 14:04	141-78-6	
Ethylbenzene	19400	ug/m3	7570		8601.6		04/02/17 14:04	100-41-4	
4-Ethyltoluene	22100	ug/m3	8600		8601.6		04/02/17 14:04	622-96-8	
n-Heptane	1840000	ug/m3	7140		8601.6		04/02/17 14:04	142-82-5	E
Hexachloro-1,3-butadiene	0.0J	ug/m3	46600		8601.6		04/02/17 14:04	87-68-3	
n-Hexane	3320000	ug/m3	6190		8601.6		04/02/17 14:04	110-54-3	E
2-Hexanone	0.0J	ug/m3	35800		8601.6		04/02/17 14:04	591-78-6	
Methylene Chloride	2030J	ug/m3	30400		8601.6		04/02/17 14:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	0.0J	ug/m3	35800		8601.6		04/02/17 14:04	108-10-1	
Methyl-tert-butyl ether	0.0J	ug/m3	31500		8601.6		04/02/17 14:04	1634-04-4	
Naphthalene	27400	ug/m3	22900		8601.6		04/02/17 14:04	91-20-3	
2-Propanol	0.0J	ug/m3	21500		8601.6		04/02/17 14:04	67-63-0	
Propylene	0.0J	ug/m3	3010		8601.6		04/02/17 14:04	115-07-1	
Styrene	0.0J	ug/m3	7480		8601.6		04/02/17 14:04	100-42-5	
1,1,2,2-Tetrachloroethane	0.0J	ug/m3	6000		8601.6		04/02/17 14:04	79-34-5	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

**Sample: VP-3**      **Lab ID: 10382064006**      Collected: 03/13/17 16:17      Received: 03/16/17 17:15      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>		Analytical Method: TO-15							
Tetrachloroethene	<b>0.0J</b>	ug/m3	5930		8601.6		04/02/17 14:04	127-18-4	
Tetrahydrofuran	<b>0.0J</b>	ug/m3	5160		8601.6		04/02/17 14:04	109-99-9	
Toluene	<b>70100</b>	ug/m3	6620		8601.6		04/02/17 14:04	108-88-3	
1,2,4-Trichlorobenzene	<b>0.0J</b>	ug/m3	32400		8601.6		04/02/17 14:04	120-82-1	
1,1,1-Trichloroethane	<b>0.0J</b>	ug/m3	9550		8601.6		04/02/17 14:04	71-55-6	
1,1,2-Trichloroethane	<b>0.0J</b>	ug/m3	4730		8601.6		04/02/17 14:04	79-00-5	
Trichloroethene	<b>0.0J</b>	ug/m3	4730		8601.6		04/02/17 14:04	79-01-6	
Trichlorofluoromethane	<b>0.0J</b>	ug/m3	9810		8601.6		04/02/17 14:04	75-69-4	
1,1,2-Trichlorotrifluoroethane	<b>0.0J</b>	ug/m3	13800		8601.6		04/02/17 14:04	76-13-1	
1,2,4-Trimethylbenzene	<b>85900</b>	ug/m3	8590		8601.6		04/02/17 14:04	95-63-6	
1,3,5-Trimethylbenzene	<b>32600</b>	ug/m3	8590		8601.6		04/02/17 14:04	108-67-8	
Vinyl acetate	<b>0.0J</b>	ug/m3	6160		8601.6		04/02/17 14:04	108-05-4	
Vinyl chloride	<b>1650J</b>	ug/m3	2240		8601.6		04/02/17 14:04	75-01-4	
m&p-Xylene	<b>122000</b>	ug/m3	15200		8601.6		04/02/17 14:04	179601-23-1	
o-Xylene	<b>25400</b>	ug/m3	7570		8601.6		04/02/17 14:04	95-47-6	

### REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

**Sample: VP-4**      **Lab ID: 10382064007**      Collected: 03/14/17 12:20      Received: 03/16/17 17:15      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b> Analytical Method: TO-15									
Acetone	72.1	ug/m3	3.6		1.49		04/02/17 13:36	67-64-1	
Benzene	6.9	ug/m3	0.48		1.49		04/02/17 13:36	71-43-2	
Benzyl chloride	0.0J	ug/m3	3.9		1.49		04/02/17 13:36	100-44-7	
Bromodichloromethane	0.0J	ug/m3	2.0		1.49		04/02/17 13:36	75-27-4	
Bromoform	0.0J	ug/m3	3.1		1.49		04/02/17 13:36	75-25-2	
Bromomethane	0.0J	ug/m3	1.2		1.49		04/02/17 13:36	74-83-9	
1,3-Butadiene	0.0J	ug/m3	0.67		1.49		04/02/17 13:36	106-99-0	
2-Butanone (MEK)	24.2	ug/m3	4.5		1.49		04/02/17 13:36	78-93-3	
Carbon disulfide	0.0J	ug/m3	0.94		1.49		04/02/17 13:36	75-15-0	
Carbon tetrachloride	0.0J	ug/m3	0.95		1.49		04/02/17 13:36	56-23-5	
Chlorobenzene	0.0J	ug/m3	1.4		1.49		04/02/17 13:36	108-90-7	
Chloroethane	0.0J	ug/m3	0.80		1.49		04/02/17 13:36	75-00-3	
Chloroform	0.48J	ug/m3	0.74		1.49		04/02/17 13:36	67-66-3	
Chloromethane	0.0J	ug/m3	0.63		1.49		04/02/17 13:36	74-87-3	
Cyclohexane	1.8	ug/m3	1.0		1.49		04/02/17 13:36	110-82-7	
Dibromochloromethane	0.0J	ug/m3	2.6		1.49		04/02/17 13:36	124-48-1	
1,2-Dibromoethane (EDB)	0.0J	ug/m3	2.3		1.49		04/02/17 13:36	106-93-4	
1,2-Dichlorobenzene	0.0J	ug/m3	1.8		1.49		04/02/17 13:36	95-50-1	
1,3-Dichlorobenzene	0.0J	ug/m3	1.8		1.49		04/02/17 13:36	541-73-1	
1,4-Dichlorobenzene	0.0J	ug/m3	1.8		1.49		04/02/17 13:36	106-46-7	
Dichlorodifluoromethane	2.6	ug/m3	1.5		1.49		04/02/17 13:36	75-71-8	
1,1-Dichloroethane	0.0J	ug/m3	1.2		1.49		04/02/17 13:36	75-34-3	
1,2-Dichloroethane	0.47J	ug/m3	0.61		1.49		04/02/17 13:36	107-06-2	
1,1-Dichloroethene	0.0J	ug/m3	1.2		1.49		04/02/17 13:36	75-35-4	
cis-1,2-Dichloroethene	0.0J	ug/m3	1.2		1.49		04/02/17 13:36	156-59-2	
trans-1,2-Dichloroethene	0.0J	ug/m3	1.2		1.49		04/02/17 13:36	156-60-5	
1,2-Dichloropropane	0.0J	ug/m3	1.4		1.49		04/02/17 13:36	78-87-5	
cis-1,3-Dichloropropene	0.0J	ug/m3	1.4		1.49		04/02/17 13:36	10061-01-5	
trans-1,3-Dichloropropene	0.0J	ug/m3	1.4		1.49		04/02/17 13:36	10061-02-6	
Dichlorotetrafluoroethane	0.0J	ug/m3	2.1		1.49		04/02/17 13:36	76-14-2	
Ethanol	13.8	ug/m3	1.4		1.49		04/02/17 13:36	64-17-5	
Ethyl acetate	0.0J	ug/m3	1.1		1.49		04/02/17 13:36	141-78-6	
Ethylbenzene	5.0	ug/m3	1.3		1.49		04/02/17 13:36	100-41-4	
4-Ethyltoluene	0.24J	ug/m3	1.5		1.49		04/02/17 13:36	622-96-8	
n-Heptane	2.6	ug/m3	1.2		1.49		04/02/17 13:36	142-82-5	
Hexachloro-1,3-butadiene	0.0J	ug/m3	8.1		1.49		04/02/17 13:36	87-68-3	
n-Hexane	4.9	ug/m3	1.1		1.49		04/02/17 13:36	110-54-3	
2-Hexanone	0.60J	ug/m3	6.2		1.49		04/02/17 13:36	591-78-6	
Methylene Chloride	1.7J	ug/m3	5.3		1.49		04/02/17 13:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	1.4J	ug/m3	6.2		1.49		04/02/17 13:36	108-10-1	
Methyl-tert-butyl ether	0.0J	ug/m3	5.5		1.49		04/02/17 13:36	1634-04-4	
Naphthalene	7.7	ug/m3	4.0		1.49		04/02/17 13:36	91-20-3	
2-Propanol	4.6	ug/m3	3.7		1.49		04/02/17 13:36	67-63-0	
Propylene	0.0J	ug/m3	0.52		1.49		04/02/17 13:36	115-07-1	
Styrene	27.9	ug/m3	1.3		1.49		04/02/17 13:36	100-42-5	
1,1,2,2-Tetrachloroethane	0.0J	ug/m3	1.0		1.49		04/02/17 13:36	79-34-5	

### REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

**Sample: VP-4**      **Lab ID: 10382064007**      Collected: 03/14/17 12:20      Received: 03/16/17 17:15      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>		Analytical Method: TO-15							
Tetrachloroethene	<b>2.2</b>	ug/m3	1.0		1.49		04/02/17 13:36	127-18-4	
Tetrahydrofuran	<b>0.0J</b>	ug/m3	0.89		1.49		04/02/17 13:36	109-99-9	
Toluene	<b>1.5</b>	ug/m3	1.1		1.49		04/02/17 13:36	108-88-3	
1,2,4-Trichlorobenzene	<b>0.0J</b>	ug/m3	5.6		1.49		04/02/17 13:36	120-82-1	
1,1,1-Trichloroethane	<b>0.0J</b>	ug/m3	1.7		1.49		04/02/17 13:36	71-55-6	
1,1,2-Trichloroethane	<b>0.0J</b>	ug/m3	0.82		1.49		04/02/17 13:36	79-00-5	
Trichloroethene	<b>0.0J</b>	ug/m3	0.82		1.49		04/02/17 13:36	79-01-6	
Trichlorofluoromethane	<b>2.6</b>	ug/m3	1.7		1.49		04/02/17 13:36	75-69-4	
1,1,2-Trichlorotrifluoroethane	<b>0.0J</b>	ug/m3	2.4		1.49		04/02/17 13:36	76-13-1	
1,2,4-Trimethylbenzene	<b>1.2J</b>	ug/m3	1.5		1.49		04/02/17 13:36	95-63-6	
1,3,5-Trimethylbenzene	<b>0.33J</b>	ug/m3	1.5		1.49		04/02/17 13:36	108-67-8	
Vinyl acetate	<b>0.0J</b>	ug/m3	1.1		1.49		04/02/17 13:36	108-05-4	
Vinyl chloride	<b>0.0J</b>	ug/m3	0.39		1.49		04/02/17 13:36	75-01-4	
m&p-Xylene	<b>0.81J</b>	ug/m3	2.6		1.49		04/02/17 13:36	179601-23-1	
o-Xylene	<b>0.45J</b>	ug/m3	1.3		1.49		04/02/17 13:36	95-47-6	

## REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

**Sample: VP-5**      **Lab ID: 10382064008**      Collected: 03/14/17 14:02      Received: 03/16/17 17:15      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b> Analytical Method: TO-15									
Acetone	9.0	ug/m3	3.6		1.49		04/02/17 12:32	67-64-1	
Benzene	0.42J	ug/m3	0.48		1.49		04/02/17 12:32	71-43-2	
Benzyl chloride	0.0J	ug/m3	3.9		1.49		04/02/17 12:32	100-44-7	
Bromodichloromethane	0.0J	ug/m3	2.0		1.49		04/02/17 12:32	75-27-4	
Bromoform	0.0J	ug/m3	3.1		1.49		04/02/17 12:32	75-25-2	
Bromomethane	0.0J	ug/m3	1.2		1.49		04/02/17 12:32	74-83-9	
1,3-Butadiene	0.0J	ug/m3	0.67		1.49		04/02/17 12:32	106-99-0	
2-Butanone (MEK)	1.7J	ug/m3	4.5		1.49		04/02/17 12:32	78-93-3	
Carbon disulfide	0.0J	ug/m3	0.94		1.49		04/02/17 12:32	75-15-0	
Carbon tetrachloride	0.0J	ug/m3	0.95		1.49		04/02/17 12:32	56-23-5	
Chlorobenzene	0.0J	ug/m3	1.4		1.49		04/02/17 12:32	108-90-7	
Chloroethane	0.0J	ug/m3	0.80		1.49		04/02/17 12:32	75-00-3	
Chloroform	0.0J	ug/m3	0.74		1.49		04/02/17 12:32	67-66-3	
Chloromethane	0.22J	ug/m3	0.63		1.49		04/02/17 12:32	74-87-3	
Cyclohexane	0.0J	ug/m3	1.0		1.49		04/02/17 12:32	110-82-7	
Dibromochloromethane	0.0J	ug/m3	2.6		1.49		04/02/17 12:32	124-48-1	
1,2-Dibromoethane (EDB)	0.0J	ug/m3	2.3		1.49		04/02/17 12:32	106-93-4	
1,2-Dichlorobenzene	0.0J	ug/m3	1.8		1.49		04/02/17 12:32	95-50-1	
1,3-Dichlorobenzene	0.0J	ug/m3	1.8		1.49		04/02/17 12:32	541-73-1	
1,4-Dichlorobenzene	0.0J	ug/m3	1.8		1.49		04/02/17 12:32	106-46-7	
Dichlorodifluoromethane	2.4	ug/m3	1.5		1.49		04/02/17 12:32	75-71-8	
1,1-Dichloroethane	0.0J	ug/m3	1.2		1.49		04/02/17 12:32	75-34-3	
1,2-Dichloroethane	0.0J	ug/m3	0.61		1.49		04/02/17 12:32	107-06-2	
1,1-Dichloroethene	0.0J	ug/m3	1.2		1.49		04/02/17 12:32	75-35-4	
cis-1,2-Dichloroethene	0.0J	ug/m3	1.2		1.49		04/02/17 12:32	156-59-2	
trans-1,2-Dichloroethene	0.0J	ug/m3	1.2		1.49		04/02/17 12:32	156-60-5	
1,2-Dichloropropane	0.0J	ug/m3	1.4		1.49		04/02/17 12:32	78-87-5	
cis-1,3-Dichloropropene	0.0J	ug/m3	1.4		1.49		04/02/17 12:32	10061-01-5	
trans-1,3-Dichloropropene	0.0J	ug/m3	1.4		1.49		04/02/17 12:32	10061-02-6	
Dichlorotetrafluoroethane	0.0J	ug/m3	2.1		1.49		04/02/17 12:32	76-14-2	
Ethanol	5.7	ug/m3	1.4		1.49		04/02/17 12:32	64-17-5	
Ethyl acetate	0.0J	ug/m3	1.1		1.49		04/02/17 12:32	141-78-6	
Ethylbenzene	0.11J	ug/m3	1.3		1.49		04/02/17 12:32	100-41-4	
4-Ethyltoluene	0.0J	ug/m3	1.5		1.49		04/02/17 12:32	622-96-8	
n-Heptane	0.75J	ug/m3	1.2		1.49		04/02/17 12:32	142-82-5	
Hexachloro-1,3-butadiene	0.0J	ug/m3	8.1		1.49		04/02/17 12:32	87-68-3	
n-Hexane	1.2	ug/m3	1.1		1.49		04/02/17 12:32	110-54-3	
2-Hexanone	0.19J	ug/m3	6.2		1.49		04/02/17 12:32	591-78-6	
Methylene Chloride	2.6J	ug/m3	5.3		1.49		04/02/17 12:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	0.0J	ug/m3	6.2		1.49		04/02/17 12:32	108-10-1	
Methyl-tert-butyl ether	0.0J	ug/m3	5.5		1.49		04/02/17 12:32	1634-04-4	
Naphthalene	3.8J	ug/m3	4.0		1.49		04/02/17 12:32	91-20-3	
2-Propanol	0.89J	ug/m3	3.7		1.49		04/02/17 12:32	67-63-0	
Propylene	0.0J	ug/m3	0.52		1.49		04/02/17 12:32	115-07-1	
Styrene	0.0J	ug/m3	1.3		1.49		04/02/17 12:32	100-42-5	
1,1,2,2-Tetrachloroethane	0.0J	ug/m3	1.0		1.49		04/02/17 12:32	79-34-5	

### REPORT OF LABORATORY ANALYSIS

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



### ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

**Sample: VP-5**      **Lab ID: 10382064008**      Collected: 03/14/17 14:02      Received: 03/16/17 17:15      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>		Analytical Method: TO-15							
Tetrachloroethene	<b>0.22J</b>	ug/m3	1.0		1.49		04/02/17 12:32	127-18-4	
Tetrahydrofuran	<b>0.0J</b>	ug/m3	0.89		1.49		04/02/17 12:32	109-99-9	
Toluene	<b>0.32J</b>	ug/m3	1.1		1.49		04/02/17 12:32	108-88-3	
1,2,4-Trichlorobenzene	<b>0.0J</b>	ug/m3	5.6		1.49		04/02/17 12:32	120-82-1	
1,1,1-Trichloroethane	<b>0.0J</b>	ug/m3	1.7		1.49		04/02/17 12:32	71-55-6	
1,1,2-Trichloroethane	<b>0.0J</b>	ug/m3	0.82		1.49		04/02/17 12:32	79-00-5	
Trichloroethene	<b>0.0J</b>	ug/m3	0.82		1.49		04/02/17 12:32	79-01-6	
Trichlorofluoromethane	<b>1.4J</b>	ug/m3	1.7		1.49		04/02/17 12:32	75-69-4	
1,1,2-Trichlorotrifluoroethane	<b>0.58J</b>	ug/m3	2.4		1.49		04/02/17 12:32	76-13-1	
1,2,4-Trimethylbenzene	<b>0.24J</b>	ug/m3	1.5		1.49		04/02/17 12:32	95-63-6	
1,3,5-Trimethylbenzene	<b>0.0J</b>	ug/m3	1.5		1.49		04/02/17 12:32	108-67-8	
Vinyl acetate	<b>0.0J</b>	ug/m3	1.1		1.49		04/02/17 12:32	108-05-4	
Vinyl chloride	<b>0.0J</b>	ug/m3	0.39		1.49		04/02/17 12:32	75-01-4	
m&p-Xylene	<b>0.31J</b>	ug/m3	2.6		1.49		04/02/17 12:32	179601-23-1	
o-Xylene	<b>0.0J</b>	ug/m3	1.3		1.49		04/02/17 12:32	95-47-6	

### REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

**Sample: VP-6**      **Lab ID: 10382064009**      Collected: 03/14/17 18:15      Received: 03/16/17 17:15      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>		Analytical Method: TO-15							
Acetone	<b>33.4</b>	ug/m3	3.7	1.3	1.55		04/01/17 00:56	67-64-1	
Benzene	<b>2.2</b>	ug/m3	0.50	0.19	1.55		04/01/17 00:56	71-43-2	
Benzyl chloride	<b>&lt;0.26</b>	ug/m3	4.1	0.26	1.55		04/01/17 00:56	100-44-7	
Bromodichloromethane	<b>&lt;0.30</b>	ug/m3	2.1	0.30	1.55		04/01/17 00:56	75-27-4	
Bromoform	<b>&lt;1.4</b>	ug/m3	3.3	1.4	1.55		04/01/17 00:56	75-25-2	
Bromomethane	<b>&lt;0.48</b>	ug/m3	1.2	0.48	1.55		04/01/17 00:56	74-83-9	
1,3-Butadiene	<b>&lt;0.27</b>	ug/m3	0.70	0.27	1.55		04/01/17 00:56	106-99-0	
2-Butanone (MEK)	<b>1.8J</b>	ug/m3	4.6	0.35	1.55		04/01/17 00:56	78-93-3	
Carbon disulfide	<b>&lt;0.16</b>	ug/m3	0.98	0.16	1.55		04/01/17 00:56	75-15-0	
Carbon tetrachloride	<b>&lt;0.30</b>	ug/m3	0.99	0.30	1.55		04/01/17 00:56	56-23-5	
Chlorobenzene	<b>&lt;0.21</b>	ug/m3	1.5	0.21	1.55		04/01/17 00:56	108-90-7	
Chloroethane	<b>&lt;0.30</b>	ug/m3	0.84	0.30	1.55		04/01/17 00:56	75-00-3	
Chloroform	<b>&lt;0.29</b>	ug/m3	0.77	0.29	1.55		04/01/17 00:56	67-66-3	
Chloromethane	<b>&lt;0.17</b>	ug/m3	0.65	0.17	1.55		04/01/17 00:56	74-87-3	
Cyclohexane	<b>0.82J</b>	ug/m3	1.1	0.49	1.55		04/01/17 00:56	110-82-7	
Dibromochloromethane	<b>&lt;1.3</b>	ug/m3	2.7	1.3	1.55		04/01/17 00:56	124-48-1	
1,2-Dibromoethane (EDB)	<b>&lt;1.2</b>	ug/m3	2.4	1.2	1.55		04/01/17 00:56	106-93-4	
1,2-Dichlorobenzene	<b>&lt;0.79</b>	ug/m3	4.7	0.79	1.55		04/01/17 00:56	95-50-1	
1,3-Dichlorobenzene	<b>&lt;0.82</b>	ug/m3	4.7	0.82	1.55		04/01/17 00:56	541-73-1	
1,4-Dichlorobenzene	<b>&lt;0.77</b>	ug/m3	4.7	0.77	1.55		04/01/17 00:56	106-46-7	
Dichlorodifluoromethane	<b>1.8</b>	ug/m3	1.6	0.74	1.55		04/01/17 00:56	75-71-8	
1,1-Dichloroethane	<b>&lt;0.24</b>	ug/m3	1.3	0.24	1.55		04/01/17 00:56	75-34-3	
1,2-Dichloroethane	<b>&lt;0.32</b>	ug/m3	0.64	0.32	1.55		04/01/17 00:56	107-06-2	
1,1-Dichloroethene	<b>&lt;0.37</b>	ug/m3	1.3	0.37	1.55		04/01/17 00:56	75-35-4	
cis-1,2-Dichloroethene	<b>&lt;0.38</b>	ug/m3	1.3	0.38	1.55		04/01/17 00:56	156-59-2	
trans-1,2-Dichloroethene	<b>&lt;0.60</b>	ug/m3	1.3	0.60	1.55		04/01/17 00:56	156-60-5	
1,2-Dichloropropane	<b>&lt;0.42</b>	ug/m3	1.5	0.42	1.55		04/01/17 00:56	78-87-5	
cis-1,3-Dichloropropene	<b>&lt;0.57</b>	ug/m3	1.4	0.57	1.55		04/01/17 00:56	10061-01-5	
trans-1,3-Dichloropropene	<b>&lt;0.40</b>	ug/m3	1.4	0.40	1.55		04/01/17 00:56	10061-02-6	
Dichlorotetrafluoroethane	<b>&lt;0.48</b>	ug/m3	2.2	0.48	1.55		04/01/17 00:56	76-14-2	
Ethanol	<b>7.7</b>	ug/m3	1.5	0.41	1.55		04/01/17 00:56	64-17-5	
Ethyl acetate	<b>&lt;0.54</b>	ug/m3	1.1	0.54	1.55		04/01/17 00:56	141-78-6	
Ethylbenzene	<b>&lt;0.66</b>	ug/m3	1.4	0.66	1.55		04/01/17 00:56	100-41-4	
4-Ethyltoluene	<b>&lt;0.29</b>	ug/m3	1.6	0.29	1.55		04/01/17 00:56	622-96-8	
n-Heptane	<b>1.3J</b>	ug/m3	1.3	0.43	1.55		04/01/17 00:56	142-82-5	
Hexachloro-1,3-butadiene	<b>&lt;1.0</b>	ug/m3	8.4	1.0	1.55		04/01/17 00:56	87-68-3	
n-Hexane	<b>3.2</b>	ug/m3	1.1	0.55	1.55		04/01/17 00:56	110-54-3	
2-Hexanone	<b>&lt;0.64</b>	ug/m3	6.5	0.64	1.55		04/01/17 00:56	591-78-6	
Methylene Chloride	<b>&lt;0.84</b>	ug/m3	5.5	0.84	1.55		04/01/17 00:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>&lt;0.34</b>	ug/m3	6.5	0.34	1.55		04/01/17 00:56	108-10-1	
Methyl-tert-butyl ether	<b>&lt;0.47</b>	ug/m3	5.7	0.47	1.55		04/01/17 00:56	1634-04-4	
Naphthalene	<b>3.5J</b>	ug/m3	4.1	0.47	1.55		04/01/17 00:56	91-20-3	
2-Propanol	<b>0.79J</b>	ug/m3	3.9	0.37	1.55		04/01/17 00:56	67-63-0	
Propylene	<b>&lt;0.21</b>	ug/m3	0.54	0.21	1.55		04/01/17 00:56	115-07-1	
Styrene	<b>&lt;0.30</b>	ug/m3	1.3	0.30	1.55		04/01/17 00:56	100-42-5	
1,1,2,2-Tetrachloroethane	<b>&lt;0.51</b>	ug/m3	5.4	0.51	1.55		04/01/17 00:56	79-34-5	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

**Sample: VP-6**      **Lab ID: 10382064009**      Collected: 03/14/17 18:15      Received: 03/16/17 17:15      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>		Analytical Method: TO-15							
Tetrachloroethene	<b>36.4</b>	ug/m3	2.1	0.43	1.55		04/01/17 00:56	127-18-4	
Tetrahydrofuran	<b>&lt;0.18</b>	ug/m3	0.93	0.18	1.55		04/01/17 00:56	109-99-9	
Toluene	<b>1.4</b>	ug/m3	1.2	0.24	1.55		04/01/17 00:56	108-88-3	
1,2,4-Trichlorobenzene	<b>&lt;1.4</b>	ug/m3	5.8	1.4	1.55		04/01/17 00:56	120-82-1	
1,1,1-Trichloroethane	<b>&lt;0.38</b>	ug/m3	1.7	0.38	1.55		04/01/17 00:56	71-55-6	
1,1,2-Trichloroethane	<b>&lt;0.38</b>	ug/m3	0.85	0.38	1.55		04/01/17 00:56	79-00-5	
Trichloroethene	<b>&lt;0.43</b>	ug/m3	0.85	0.43	1.55		04/01/17 00:56	79-01-6	
Trichlorofluoromethane	<b>&lt;0.20</b>	ug/m3	1.8	0.20	1.55		04/01/17 00:56	75-69-4	
1,1,2-Trichlorotrifluoroethane	<b>&lt;0.47</b>	ug/m3	2.5	0.47	1.55		04/01/17 00:56	76-13-1	
1,2,4-Trimethylbenzene	<b>&lt;0.19</b>	ug/m3	3.9	0.19	1.55		04/01/17 00:56	95-63-6	
1,3,5-Trimethylbenzene	<b>&lt;0.28</b>	ug/m3	1.5	0.28	1.55		04/01/17 00:56	108-67-8	
Vinyl acetate	<b>&lt;0.51</b>	ug/m3	1.1	0.51	1.55		04/01/17 00:56	108-05-4	
Vinyl chloride	<b>&lt;0.30</b>	ug/m3	0.40	0.30	1.55		04/01/17 00:56	75-01-4	
m&p-Xylene	<b>&lt;1.2</b>	ug/m3	2.7	1.2	1.55		04/01/17 00:56	179601-23-1	
o-Xylene	<b>&lt;0.54</b>	ug/m3	1.4	0.54	1.55		04/01/17 00:56	95-47-6	

### REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

**Sample: VP-7**      **Lab ID: 10382064010**      Collected: 03/15/17 11:20      Received: 03/16/17 17:15      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b> Analytical Method: TO-15									
Acetone	8.0	ug/m3	3.7	1.3	1.55		04/01/17 01:24	67-64-1	
Benzene	9.6	ug/m3	0.50	0.19	1.55		04/01/17 01:24	71-43-2	
Benzyl chloride	<0.26	ug/m3	4.1	0.26	1.55		04/01/17 01:24	100-44-7	
Bromodichloromethane	<0.30	ug/m3	2.1	0.30	1.55		04/01/17 01:24	75-27-4	
Bromoform	<1.4	ug/m3	3.3	1.4	1.55		04/01/17 01:24	75-25-2	
Bromomethane	<0.48	ug/m3	1.2	0.48	1.55		04/01/17 01:24	74-83-9	
1,3-Butadiene	<0.27	ug/m3	0.70	0.27	1.55		04/01/17 01:24	106-99-0	
2-Butanone (MEK)	1.8J	ug/m3	4.6	0.35	1.55		04/01/17 01:24	78-93-3	
Carbon disulfide	<0.16	ug/m3	0.98	0.16	1.55		04/01/17 01:24	75-15-0	
Carbon tetrachloride	<0.30	ug/m3	0.99	0.30	1.55		04/01/17 01:24	56-23-5	
Chlorobenzene	<0.21	ug/m3	1.5	0.21	1.55		04/01/17 01:24	108-90-7	
Chloroethane	<0.30	ug/m3	0.84	0.30	1.55		04/01/17 01:24	75-00-3	
Chloroform	<0.29	ug/m3	0.77	0.29	1.55		04/01/17 01:24	67-66-3	
Chloromethane	<0.17	ug/m3	0.65	0.17	1.55		04/01/17 01:24	74-87-3	
Cyclohexane	1.3	ug/m3	1.1	0.49	1.55		04/01/17 01:24	110-82-7	
Dibromochloromethane	<1.3	ug/m3	2.7	1.3	1.55		04/01/17 01:24	124-48-1	
1,2-Dibromoethane (EDB)	<1.2	ug/m3	2.4	1.2	1.55		04/01/17 01:24	106-93-4	
1,2-Dichlorobenzene	<0.79	ug/m3	4.7	0.79	1.55		04/01/17 01:24	95-50-1	
1,3-Dichlorobenzene	<0.82	ug/m3	4.7	0.82	1.55		04/01/17 01:24	541-73-1	
1,4-Dichlorobenzene	<0.77	ug/m3	4.7	0.77	1.55		04/01/17 01:24	106-46-7	
Dichlorodifluoromethane	1.9	ug/m3	1.6	0.74	1.55		04/01/17 01:24	75-71-8	
1,1-Dichloroethane	<0.24	ug/m3	1.3	0.24	1.55		04/01/17 01:24	75-34-3	
1,2-Dichloroethane	<0.32	ug/m3	0.64	0.32	1.55		04/01/17 01:24	107-06-2	
1,1-Dichloroethene	<0.37	ug/m3	1.3	0.37	1.55		04/01/17 01:24	75-35-4	
cis-1,2-Dichloroethene	<0.38	ug/m3	1.3	0.38	1.55		04/01/17 01:24	156-59-2	
trans-1,2-Dichloroethene	<0.60	ug/m3	1.3	0.60	1.55		04/01/17 01:24	156-60-5	
1,2-Dichloropropane	<0.42	ug/m3	1.5	0.42	1.55		04/01/17 01:24	78-87-5	
cis-1,3-Dichloropropene	<0.57	ug/m3	1.4	0.57	1.55		04/01/17 01:24	10061-01-5	
trans-1,3-Dichloropropene	<0.40	ug/m3	1.4	0.40	1.55		04/01/17 01:24	10061-02-6	
Dichlorotetrafluoroethane	<0.48	ug/m3	2.2	0.48	1.55		04/01/17 01:24	76-14-2	
Ethanol	2.5	ug/m3	1.5	0.41	1.55		04/01/17 01:24	64-17-5	
Ethyl acetate	<0.54	ug/m3	1.1	0.54	1.55		04/01/17 01:24	141-78-6	
Ethylbenzene	<0.66	ug/m3	1.4	0.66	1.55		04/01/17 01:24	100-41-4	
4-Ethyltoluene	<0.29	ug/m3	1.6	0.29	1.55		04/01/17 01:24	622-96-8	
n-Heptane	3.7	ug/m3	1.3	0.43	1.55		04/01/17 01:24	142-82-5	
Hexachloro-1,3-butadiene	<1.0	ug/m3	8.4	1.0	1.55		04/01/17 01:24	87-68-3	
n-Hexane	7.0	ug/m3	1.1	0.55	1.55		04/01/17 01:24	110-54-3	
2-Hexanone	<0.64	ug/m3	6.5	0.64	1.55		04/01/17 01:24	591-78-6	
Methylene Chloride	<0.84	ug/m3	5.5	0.84	1.55		04/01/17 01:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.34	ug/m3	6.5	0.34	1.55		04/01/17 01:24	108-10-1	
Methyl-tert-butyl ether	<0.47	ug/m3	5.7	0.47	1.55		04/01/17 01:24	1634-04-4	
Naphthalene	3.3J	ug/m3	4.1	0.47	1.55		04/01/17 01:24	91-20-3	
2-Propanol	<0.37	ug/m3	3.9	0.37	1.55		04/01/17 01:24	67-63-0	
Propylene	<0.21	ug/m3	0.54	0.21	1.55		04/01/17 01:24	115-07-1	
Styrene	2.3	ug/m3	1.3	0.30	1.55		04/01/17 01:24	100-42-5	
1,1,2,2-Tetrachloroethane	<0.51	ug/m3	5.4	0.51	1.55		04/01/17 01:24	79-34-5	

### REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

**Sample: VP-7**      **Lab ID: 10382064010**      Collected: 03/15/17 11:20      Received: 03/16/17 17:15      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>		Analytical Method: TO-15							
Tetrachloroethene	<b>68.6</b>	ug/m3	2.1	0.43	1.55		04/01/17 01:24	127-18-4	
Tetrahydrofuran	<b>&lt;0.18</b>	ug/m3	0.93	0.18	1.55		04/01/17 01:24	109-99-9	
Toluene	<b>2.6</b>	ug/m3	1.2	0.24	1.55		04/01/17 01:24	108-88-3	
1,2,4-Trichlorobenzene	<b>&lt;1.4</b>	ug/m3	5.8	1.4	1.55		04/01/17 01:24	120-82-1	
1,1,1-Trichloroethane	<b>&lt;0.38</b>	ug/m3	1.7	0.38	1.55		04/01/17 01:24	71-55-6	
1,1,2-Trichloroethane	<b>&lt;0.38</b>	ug/m3	0.85	0.38	1.55		04/01/17 01:24	79-00-5	
Trichloroethene	<b>&lt;0.43</b>	ug/m3	0.85	0.43	1.55		04/01/17 01:24	79-01-6	
Trichlorofluoromethane	<b>0.95J</b>	ug/m3	1.8	0.20	1.55		04/01/17 01:24	75-69-4	
1,1,2-Trichlorotrifluoroethane	<b>&lt;0.47</b>	ug/m3	2.5	0.47	1.55		04/01/17 01:24	76-13-1	
1,2,4-Trimethylbenzene	<b>4.8</b>	ug/m3	3.9	0.19	1.55		04/01/17 01:24	95-63-6	
1,3,5-Trimethylbenzene	<b>&lt;0.28</b>	ug/m3	1.5	0.28	1.55		04/01/17 01:24	108-67-8	
Vinyl acetate	<b>1.1</b>	ug/m3	1.1	0.51	1.55		04/01/17 01:24	108-05-4	
Vinyl chloride	<b>&lt;0.30</b>	ug/m3	0.40	0.30	1.55		04/01/17 01:24	75-01-4	
m&p-Xylene	<b>3.5</b>	ug/m3	2.7	1.2	1.55		04/01/17 01:24	179601-23-1	
o-Xylene	<b>0.78J</b>	ug/m3	1.4	0.54	1.55		04/01/17 01:24	95-47-6	

## REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

**Sample: VP-8**      **Lab ID: 10382064011**      Collected: 03/15/17 12:41      Received: 03/16/17 17:15      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>		Analytical Method: TO-15							
Acetone	<b>72.6</b>	ug/m3	3.6	1.2	1.49		04/01/17 01:52	67-64-1	
Benzene	<b>5.2</b>	ug/m3	0.48	0.18	1.49		04/01/17 01:52	71-43-2	
Benzyl chloride	<b>&lt;0.25</b>	ug/m3	3.9	0.25	1.49		04/01/17 01:52	100-44-7	
Bromodichloromethane	<b>&lt;0.29</b>	ug/m3	2.0	0.29	1.49		04/01/17 01:52	75-27-4	
Bromoform	<b>&lt;1.3</b>	ug/m3	3.1	1.3	1.49		04/01/17 01:52	75-25-2	
Bromomethane	<b>&lt;0.46</b>	ug/m3	1.2	0.46	1.49		04/01/17 01:52	74-83-9	
1,3-Butadiene	<b>&lt;0.26</b>	ug/m3	0.67	0.26	1.49		04/01/17 01:52	106-99-0	
2-Butanone (MEK)	<b>5.6</b>	ug/m3	4.5	0.34	1.49		04/01/17 01:52	78-93-3	
Carbon disulfide	<b>10.7</b>	ug/m3	0.94	0.15	1.49		04/01/17 01:52	75-15-0	
Carbon tetrachloride	<b>&lt;0.29</b>	ug/m3	0.95	0.29	1.49		04/01/17 01:52	56-23-5	
Chlorobenzene	<b>&lt;0.20</b>	ug/m3	1.4	0.20	1.49		04/01/17 01:52	108-90-7	
Chloroethane	<b>&lt;0.29</b>	ug/m3	0.80	0.29	1.49		04/01/17 01:52	75-00-3	
Chloroform	<b>&lt;0.28</b>	ug/m3	0.74	0.28	1.49		04/01/17 01:52	67-66-3	
Chloromethane	<b>0.67</b>	ug/m3	0.63	0.16	1.49		04/01/17 01:52	74-87-3	
Cyclohexane	<b>1.5</b>	ug/m3	1.0	0.47	1.49		04/01/17 01:52	110-82-7	
Dibromochloromethane	<b>&lt;1.3</b>	ug/m3	2.6	1.3	1.49		04/01/17 01:52	124-48-1	
1,2-Dibromoethane (EDB)	<b>&lt;1.2</b>	ug/m3	2.3	1.2	1.49		04/01/17 01:52	106-93-4	
1,2-Dichlorobenzene	<b>&lt;0.76</b>	ug/m3	4.6	0.76	1.49		04/01/17 01:52	95-50-1	
1,3-Dichlorobenzene	<b>&lt;0.79</b>	ug/m3	4.6	0.79	1.49		04/01/17 01:52	541-73-1	
1,4-Dichlorobenzene	<b>&lt;0.74</b>	ug/m3	4.6	0.74	1.49		04/01/17 01:52	106-46-7	
Dichlorodifluoromethane	<b>1.6</b>	ug/m3	1.5	0.72	1.49		04/01/17 01:52	75-71-8	
1,1-Dichloroethane	<b>&lt;0.23</b>	ug/m3	1.2	0.23	1.49		04/01/17 01:52	75-34-3	
1,2-Dichloroethane	<b>&lt;0.31</b>	ug/m3	0.61	0.31	1.49		04/01/17 01:52	107-06-2	
1,1-Dichloroethene	<b>&lt;0.35</b>	ug/m3	1.2	0.35	1.49		04/01/17 01:52	75-35-4	
cis-1,2-Dichloroethene	<b>&lt;0.37</b>	ug/m3	1.2	0.37	1.49		04/01/17 01:52	156-59-2	
trans-1,2-Dichloroethene	<b>&lt;0.57</b>	ug/m3	1.2	0.57	1.49		04/01/17 01:52	156-60-5	
1,2-Dichloropropane	<b>&lt;0.40</b>	ug/m3	1.4	0.40	1.49		04/01/17 01:52	78-87-5	
cis-1,3-Dichloropropene	<b>&lt;0.55</b>	ug/m3	1.4	0.55	1.49		04/01/17 01:52	10061-01-5	
trans-1,3-Dichloropropene	<b>&lt;0.39</b>	ug/m3	1.4	0.39	1.49		04/01/17 01:52	10061-02-6	
Dichlorotetrafluoroethane	<b>&lt;0.46</b>	ug/m3	2.1	0.46	1.49		04/01/17 01:52	76-14-2	
Ethanol	<b>10.7</b>	ug/m3	1.4	0.39	1.49		04/01/17 01:52	64-17-5	
Ethyl acetate	<b>&lt;0.52</b>	ug/m3	1.1	0.52	1.49		04/01/17 01:52	141-78-6	
Ethylbenzene	<b>&lt;0.63</b>	ug/m3	1.3	0.63	1.49		04/01/17 01:52	100-41-4	
4-Ethyltoluene	<b>&lt;0.28</b>	ug/m3	1.5	0.28	1.49		04/01/17 01:52	622-96-8	
n-Heptane	<b>2.4</b>	ug/m3	1.2	0.42	1.49		04/01/17 01:52	142-82-5	
Hexachloro-1,3-butadiene	<b>&lt;0.97</b>	ug/m3	8.1	0.97	1.49		04/01/17 01:52	87-68-3	
n-Hexane	<b>3.9</b>	ug/m3	1.1	0.53	1.49		04/01/17 01:52	110-54-3	
2-Hexanone	<b>&lt;0.61</b>	ug/m3	6.2	0.61	1.49		04/01/17 01:52	591-78-6	
Methylene Chloride	<b>1.6J</b>	ug/m3	5.3	0.81	1.49		04/01/17 01:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>&lt;0.32</b>	ug/m3	6.2	0.32	1.49		04/01/17 01:52	108-10-1	
Methyl-tert-butyl ether	<b>&lt;0.45</b>	ug/m3	5.5	0.45	1.49		04/01/17 01:52	1634-04-4	
Naphthalene	<b>1.5J</b>	ug/m3	4.0	0.45	1.49		04/01/17 01:52	91-20-3	
2-Propanol	<b>3.4J</b>	ug/m3	3.7	0.36	1.49		04/01/17 01:52	67-63-0	
Propylene	<b>0.47J</b>	ug/m3	0.52	0.20	1.49		04/01/17 01:52	115-07-1	
Styrene	<b>&lt;0.29</b>	ug/m3	1.3	0.29	1.49		04/01/17 01:52	100-42-5	
1,1,2,2-Tetrachloroethane	<b>&lt;0.49</b>	ug/m3	5.2	0.49	1.49		04/01/17 01:52	79-34-5	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

**Sample: VP-8**      **Lab ID: 10382064011**      Collected: 03/15/17 12:41      Received: 03/16/17 17:15      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>		Analytical Method: TO-15							
Tetrachloroethene	<b>5.0</b>	ug/m3	2.1	0.41	1.49		04/01/17 01:52	127-18-4	
Tetrahydrofuran	<b>&lt;0.18</b>	ug/m3	0.89	0.18	1.49		04/01/17 01:52	109-99-9	
Toluene	<b>1.4</b>	ug/m3	1.1	0.23	1.49		04/01/17 01:52	108-88-3	
1,2,4-Trichlorobenzene	<b>&lt;1.4</b>	ug/m3	5.6	1.4	1.49		04/01/17 01:52	120-82-1	
1,1,1-Trichloroethane	<b>&lt;0.37</b>	ug/m3	1.7	0.37	1.49		04/01/17 01:52	71-55-6	
1,1,2-Trichloroethane	<b>&lt;0.37</b>	ug/m3	0.82	0.37	1.49		04/01/17 01:52	79-00-5	
Trichloroethene	<b>&lt;0.41</b>	ug/m3	0.82	0.41	1.49		04/01/17 01:52	79-01-6	
Trichlorofluoromethane	<b>1.1J</b>	ug/m3	1.7	0.20	1.49		04/01/17 01:52	75-69-4	
1,1,2-Trichlorotrifluoroethane	<b>&lt;0.45</b>	ug/m3	2.4	0.45	1.49		04/01/17 01:52	76-13-1	
1,2,4-Trimethylbenzene	<b>1.2J</b>	ug/m3	3.7	0.19	1.49		04/01/17 01:52	95-63-6	
1,3,5-Trimethylbenzene	<b>&lt;0.27</b>	ug/m3	1.5	0.27	1.49		04/01/17 01:52	108-67-8	
Vinyl acetate	<b>1.2</b>	ug/m3	1.1	0.49	1.49		04/01/17 01:52	108-05-4	
Vinyl chloride	<b>&lt;0.29</b>	ug/m3	0.39	0.29	1.49		04/01/17 01:52	75-01-4	
m&p-Xylene	<b>&lt;1.2</b>	ug/m3	2.6	1.2	1.49		04/01/17 01:52	179601-23-1	
o-Xylene	<b>0.67J</b>	ug/m3	1.3	0.52	1.49		04/01/17 01:52	95-47-6	

### REPORT OF LABORATORY ANALYSIS

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



### ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

Sample: V-5 Lab ID: 10382064012 Collected: 03/14/17 16:24 Received: 03/16/17 17:15 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>		Analytical Method: TO-15							
Acetone	26.9	ug/m3	3.9	1.3	1.61		04/01/17 02:19	67-64-1	
Benzene	2.1	ug/m3	0.52	0.20	1.61		04/01/17 02:19	71-43-2	
Benzyl chloride	<0.27	ug/m3	4.2	0.27	1.61		04/01/17 02:19	100-44-7	
Bromodichloromethane	<0.31	ug/m3	2.2	0.31	1.61		04/01/17 02:19	75-27-4	
Bromoform	<1.5	ug/m3	3.4	1.5	1.61		04/01/17 02:19	75-25-2	
Bromomethane	<0.50	ug/m3	1.3	0.50	1.61		04/01/17 02:19	74-83-9	
1,3-Butadiene	<0.28	ug/m3	0.72	0.28	1.61		04/01/17 02:19	106-99-0	
2-Butanone (MEK)	3.9J	ug/m3	4.8	0.37	1.61		04/01/17 02:19	78-93-3	
Carbon disulfide	<0.16	ug/m3	1.0	0.16	1.61		04/01/17 02:19	75-15-0	
Carbon tetrachloride	<0.31	ug/m3	1.0	0.31	1.61		04/01/17 02:19	56-23-5	
Chlorobenzene	<0.22	ug/m3	1.5	0.22	1.61		04/01/17 02:19	108-90-7	
Chloroethane	<0.31	ug/m3	0.87	0.31	1.61		04/01/17 02:19	75-00-3	
Chloroform	<0.31	ug/m3	0.80	0.31	1.61		04/01/17 02:19	67-66-3	
Chloromethane	0.38J	ug/m3	0.68	0.17	1.61		04/01/17 02:19	74-87-3	
Cyclohexane	1.0J	ug/m3	1.1	0.51	1.61		04/01/17 02:19	110-82-7	
Dibromochloromethane	<1.4	ug/m3	2.8	1.4	1.61		04/01/17 02:19	124-48-1	
1,2-Dibromoethane (EDB)	<1.2	ug/m3	2.5	1.2	1.61		04/01/17 02:19	106-93-4	
1,2-Dichlorobenzene	<0.82	ug/m3	4.9	0.82	1.61		04/01/17 02:19	95-50-1	
1,3-Dichlorobenzene	<0.85	ug/m3	4.9	0.85	1.61		04/01/17 02:19	541-73-1	
1,4-Dichlorobenzene	<0.80	ug/m3	4.9	0.80	1.61		04/01/17 02:19	106-46-7	
Dichlorodifluoromethane	1.6J	ug/m3	1.6	0.77	1.61		04/01/17 02:19	75-71-8	
1,1-Dichloroethane	<0.25	ug/m3	1.3	0.25	1.61		04/01/17 02:19	75-34-3	
1,2-Dichloroethane	<0.33	ug/m3	0.66	0.33	1.61		04/01/17 02:19	107-06-2	
1,1-Dichloroethene	<0.38	ug/m3	1.3	0.38	1.61		04/01/17 02:19	75-35-4	
cis-1,2-Dichloroethene	<0.40	ug/m3	1.3	0.40	1.61		04/01/17 02:19	156-59-2	
trans-1,2-Dichloroethene	<0.62	ug/m3	1.3	0.62	1.61		04/01/17 02:19	156-60-5	
1,2-Dichloropropane	<0.43	ug/m3	1.5	0.43	1.61		04/01/17 02:19	78-87-5	
cis-1,3-Dichloropropene	<0.59	ug/m3	1.5	0.59	1.61		04/01/17 02:19	10061-01-5	
trans-1,3-Dichloropropene	<0.42	ug/m3	1.5	0.42	1.61		04/01/17 02:19	10061-02-6	
Dichlorotetrafluoroethane	<0.50	ug/m3	2.3	0.50	1.61		04/01/17 02:19	76-14-2	
Ethanol	6.7	ug/m3	1.5	0.43	1.61		04/01/17 02:19	64-17-5	
Ethyl acetate	<0.56	ug/m3	1.2	0.56	1.61		04/01/17 02:19	141-78-6	
Ethylbenzene	25.0	ug/m3	1.4	0.68	1.61		04/01/17 02:19	100-41-4	
4-Ethyltoluene	26.4	ug/m3	1.6	0.30	1.61		04/01/17 02:19	622-96-8	
n-Heptane	1.8	ug/m3	1.3	0.45	1.61		04/01/17 02:19	142-82-5	
Hexachloro-1,3-butadiene	<1.0	ug/m3	8.7	1.0	1.61		04/01/17 02:19	87-68-3	
n-Hexane	2.4	ug/m3	1.2	0.57	1.61		04/01/17 02:19	110-54-3	
2-Hexanone	<0.66	ug/m3	6.7	0.66	1.61		04/01/17 02:19	591-78-6	
Methylene Chloride	<0.87	ug/m3	5.7	0.87	1.61		04/01/17 02:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.35	ug/m3	6.7	0.35	1.61		04/01/17 02:19	108-10-1	
Methyl-tert-butyl ether	<0.49	ug/m3	5.9	0.49	1.61		04/01/17 02:19	1634-04-4	
Naphthalene	5.7	ug/m3	4.3	0.49	1.61		04/01/17 02:19	91-20-3	
2-Propanol	<0.39	ug/m3	4.0	0.39	1.61		04/01/17 02:19	67-63-0	
Propylene	<0.22	ug/m3	0.56	0.22	1.61		04/01/17 02:19	115-07-1	
Styrene	0.75J	ug/m3	1.4	0.31	1.61		04/01/17 02:19	100-42-5	
1,1,2,2-Tetrachloroethane	<0.53	ug/m3	5.6	0.53	1.61		04/01/17 02:19	79-34-5	

### REPORT OF LABORATORY ANALYSIS

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



### ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

**Sample: V-5**      **Lab ID: 10382064012**      Collected: 03/14/17 16:24      Received: 03/16/17 17:15      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>		Analytical Method: TO-15							
Tetrachloroethene	<b>11.1</b>	ug/m3	2.2	0.45	1.61		04/01/17 02:19	127-18-4	
Tetrahydrofuran	<b>&lt;0.19</b>	ug/m3	0.97	0.19	1.61		04/01/17 02:19	109-99-9	
Toluene	<b>20.5</b>	ug/m3	1.2	0.25	1.61		04/01/17 02:19	108-88-3	
1,2,4-Trichlorobenzene	<b>&lt;1.5</b>	ug/m3	6.1	1.5	1.61		04/01/17 02:19	120-82-1	
1,1,1-Trichloroethane	<b>&lt;0.40</b>	ug/m3	1.8	0.40	1.61		04/01/17 02:19	71-55-6	
1,1,2-Trichloroethane	<b>&lt;0.40</b>	ug/m3	0.89	0.40	1.61		04/01/17 02:19	79-00-5	
Trichloroethene	<b>&lt;0.44</b>	ug/m3	0.89	0.44	1.61		04/01/17 02:19	79-01-6	
Trichlorofluoromethane	<b>1.1J</b>	ug/m3	1.8	0.21	1.61		04/01/17 02:19	75-69-4	
1,1,2-Trichlorotrifluoroethane	<b>&lt;0.48</b>	ug/m3	2.6	0.48	1.61		04/01/17 02:19	76-13-1	
1,2,4-Trimethylbenzene	<b>120</b>	ug/m3	4.0	0.20	1.61		04/01/17 02:19	95-63-6	
1,3,5-Trimethylbenzene	<b>37.2</b>	ug/m3	1.6	0.29	1.61		04/01/17 02:19	108-67-8	
Vinyl acetate	<b>&lt;0.53</b>	ug/m3	1.2	0.53	1.61		04/01/17 02:19	108-05-4	
Vinyl chloride	<b>&lt;0.31</b>	ug/m3	0.42	0.31	1.61		04/01/17 02:19	75-01-4	
m&p-Xylene	<b>142</b>	ug/m3	2.8	1.3	1.61		04/01/17 02:19	179601-23-1	
o-Xylene	<b>46.8</b>	ug/m3	1.4	0.57	1.61		04/01/17 02:19	95-47-6	

### REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

**Sample:** VC-1      **Lab ID:** 10382064013      Collected: 03/14/17 10:02      Received: 03/16/17 17:15      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>		Analytical Method: TO-15							
Acetone	25.4	ug/m3	3.4	1.2	1.39		04/01/17 02:46	67-64-1	
Benzene	1.1	ug/m3	0.45	0.17	1.39		04/01/17 02:46	71-43-2	
Benzyl chloride	<0.23	ug/m3	3.7	0.23	1.39		04/01/17 02:46	100-44-7	
Bromodichloromethane	<0.27	ug/m3	1.9	0.27	1.39		04/01/17 02:46	75-27-4	
Bromoform	<1.3	ug/m3	2.9	1.3	1.39		04/01/17 02:46	75-25-2	
Bromomethane	<0.43	ug/m3	1.1	0.43	1.39		04/01/17 02:46	74-83-9	
1,3-Butadiene	<0.24	ug/m3	0.63	0.24	1.39		04/01/17 02:46	106-99-0	
2-Butanone (MEK)	5.3	ug/m3	4.2	0.32	1.39		04/01/17 02:46	78-93-3	
Carbon disulfide	0.45J	ug/m3	0.88	0.14	1.39		04/01/17 02:46	75-15-0	
Carbon tetrachloride	<0.27	ug/m3	0.89	0.27	1.39		04/01/17 02:46	56-23-5	
Chlorobenzene	<0.19	ug/m3	1.3	0.19	1.39		04/01/17 02:46	108-90-7	
Chloroethane	<0.27	ug/m3	0.75	0.27	1.39		04/01/17 02:46	75-00-3	
Chloroform	<0.26	ug/m3	0.69	0.26	1.39		04/01/17 02:46	67-66-3	
Chloromethane	1.4	ug/m3	0.58	0.15	1.39		04/01/17 02:46	74-87-3	
Cyclohexane	0.85J	ug/m3	0.97	0.44	1.39		04/01/17 02:46	110-82-7	
Dibromochloromethane	<1.2	ug/m3	2.4	1.2	1.39		04/01/17 02:46	124-48-1	
1,2-Dibromoethane (EDB)	<1.1	ug/m3	2.2	1.1	1.39		04/01/17 02:46	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/m3	4.2	0.71	1.39		04/01/17 02:46	95-50-1	
1,3-Dichlorobenzene	<0.74	ug/m3	4.2	0.74	1.39		04/01/17 02:46	541-73-1	
1,4-Dichlorobenzene	<0.69	ug/m3	4.2	0.69	1.39		04/01/17 02:46	106-46-7	
Dichlorodifluoromethane	1.6	ug/m3	1.4	0.67	1.39		04/01/17 02:46	75-71-8	
1,1-Dichloroethane	<0.22	ug/m3	1.1	0.22	1.39		04/01/17 02:46	75-34-3	
1,2-Dichloroethane	<0.28	ug/m3	0.57	0.28	1.39		04/01/17 02:46	107-06-2	
1,1-Dichloroethene	<0.33	ug/m3	1.1	0.33	1.39		04/01/17 02:46	75-35-4	
cis-1,2-Dichloroethene	<0.34	ug/m3	1.1	0.34	1.39		04/01/17 02:46	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/m3	1.1	0.53	1.39		04/01/17 02:46	156-60-5	
1,2-Dichloropropane	<0.38	ug/m3	1.3	0.38	1.39		04/01/17 02:46	78-87-5	
cis-1,3-Dichloropropene	<0.51	ug/m3	1.3	0.51	1.39		04/01/17 02:46	10061-01-5	
trans-1,3-Dichloropropene	<0.36	ug/m3	1.3	0.36	1.39		04/01/17 02:46	10061-02-6	
Dichlorotetrafluoroethane	<0.43	ug/m3	2.0	0.43	1.39		04/01/17 02:46	76-14-2	
Ethanol	25.5	ug/m3	1.3	0.37	1.39		04/01/17 02:46	64-17-5	
Ethyl acetate	<0.48	ug/m3	1.0	0.48	1.39		04/01/17 02:46	141-78-6	
Ethylbenzene	0.70J	ug/m3	1.2	0.59	1.39		04/01/17 02:46	100-41-4	
4-Ethyltoluene	1.0J	ug/m3	1.4	0.26	1.39		04/01/17 02:46	622-96-8	
n-Heptane	0.94J	ug/m3	1.2	0.39	1.39		04/01/17 02:46	142-82-5	
Hexachloro-1,3-butadiene	<0.90	ug/m3	7.5	0.90	1.39		04/01/17 02:46	87-68-3	
n-Hexane	6.5	ug/m3	1.0	0.50	1.39		04/01/17 02:46	110-54-3	
2-Hexanone	<0.57	ug/m3	5.8	0.57	1.39		04/01/17 02:46	591-78-6	
Methylene Chloride	11.8	ug/m3	4.9	0.75	1.39		04/01/17 02:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.30	ug/m3	5.8	0.30	1.39		04/01/17 02:46	108-10-1	
Methyl-tert-butyl ether	<0.42	ug/m3	5.1	0.42	1.39		04/01/17 02:46	1634-04-4	
Naphthalene	<0.42	ug/m3	3.7	0.42	1.39		04/01/17 02:46	91-20-3	
2-Propanol	1.6J	ug/m3	3.5	0.33	1.39		04/01/17 02:46	67-63-0	
Propylene	66.4	ug/m3	0.49	0.19	1.39		04/01/17 02:46	115-07-1	
Styrene	<0.27	ug/m3	1.2	0.27	1.39		04/01/17 02:46	100-42-5	
1,1,2,2-Tetrachloroethane	<0.46	ug/m3	4.8	0.46	1.39		04/01/17 02:46	79-34-5	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

**Sample: VC-1**      **Lab ID: 10382064013**      Collected: 03/14/17 10:02      Received: 03/16/17 17:15      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>		Analytical Method: TO-15							
Tetrachloroethene	<b>1.7J</b>	ug/m3	1.9	0.39	1.39		04/01/17 02:46	127-18-4	
Tetrahydrofuran	<b>&lt;0.17</b>	ug/m3	0.83	0.17	1.39		04/01/17 02:46	109-99-9	
Toluene	<b>3.7</b>	ug/m3	1.1	0.21	1.39		04/01/17 02:46	108-88-3	
1,2,4-Trichlorobenzene	<b>&lt;1.3</b>	ug/m3	5.2	1.3	1.39		04/01/17 02:46	120-82-1	
1,1,1-Trichloroethane	<b>&lt;0.34</b>	ug/m3	1.5	0.34	1.39		04/01/17 02:46	71-55-6	
1,1,2-Trichloroethane	<b>&lt;0.34</b>	ug/m3	0.76	0.34	1.39		04/01/17 02:46	79-00-5	
Trichloroethene	<b>&lt;0.38</b>	ug/m3	0.76	0.38	1.39		04/01/17 02:46	79-01-6	
Trichlorofluoromethane	<b>1.0J</b>	ug/m3	1.6	0.18	1.39		04/01/17 02:46	75-69-4	
1,1,2-Trichlorotrifluoroethane	<b>&lt;0.42</b>	ug/m3	2.2	0.42	1.39		04/01/17 02:46	76-13-1	
1,2,4-Trimethylbenzene	<b>2.7J</b>	ug/m3	3.5	0.17	1.39		04/01/17 02:46	95-63-6	
1,3,5-Trimethylbenzene	<b>&lt;0.25</b>	ug/m3	1.4	0.25	1.39		04/01/17 02:46	108-67-8	
Vinyl acetate	<b>&lt;0.46</b>	ug/m3	1.0	0.46	1.39		04/01/17 02:46	108-05-4	
Vinyl chloride	<b>&lt;0.27</b>	ug/m3	0.36	0.27	1.39		04/01/17 02:46	75-01-4	
m&p-Xylene	<b>3.6</b>	ug/m3	2.5	1.1	1.39		04/01/17 02:46	179601-23-1	
o-Xylene	<b>0.80J</b>	ug/m3	1.2	0.49	1.39		04/01/17 02:46	95-47-6	

### REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

**Sample: VC-2**      **Lab ID: 10382064014**      Collected: 03/14/17 12:08      Received: 03/16/17 17:15      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>		Analytical Method: TO-15							
Acetone	43.7	ug/m3	3.7	1.3	1.55		04/01/17 03:14	67-64-1	
Benzene	1.3	ug/m3	0.50	0.19	1.55		04/01/17 03:14	71-43-2	
Benzyl chloride	<0.26	ug/m3	4.1	0.26	1.55		04/01/17 03:14	100-44-7	
Bromodichloromethane	<0.30	ug/m3	2.1	0.30	1.55		04/01/17 03:14	75-27-4	
Bromoform	<1.4	ug/m3	3.3	1.4	1.55		04/01/17 03:14	75-25-2	
Bromomethane	<0.48	ug/m3	1.2	0.48	1.55		04/01/17 03:14	74-83-9	
1,3-Butadiene	<0.27	ug/m3	0.70	0.27	1.55		04/01/17 03:14	106-99-0	
2-Butanone (MEK)	10.5	ug/m3	4.6	0.35	1.55		04/01/17 03:14	78-93-3	
Carbon disulfide	0.61J	ug/m3	0.98	0.16	1.55		04/01/17 03:14	75-15-0	
Carbon tetrachloride	<0.30	ug/m3	0.99	0.30	1.55		04/01/17 03:14	56-23-5	
Chlorobenzene	<0.21	ug/m3	1.5	0.21	1.55		04/01/17 03:14	108-90-7	
Chloroethane	<0.30	ug/m3	0.84	0.30	1.55		04/01/17 03:14	75-00-3	
Chloroform	<0.29	ug/m3	0.77	0.29	1.55		04/01/17 03:14	67-66-3	
Chloromethane	<0.17	ug/m3	0.65	0.17	1.55		04/01/17 03:14	74-87-3	
Cyclohexane	0.75J	ug/m3	1.1	0.49	1.55		04/01/17 03:14	110-82-7	
Dibromochloromethane	<1.3	ug/m3	2.7	1.3	1.55		04/01/17 03:14	124-48-1	
1,2-Dibromoethane (EDB)	<1.2	ug/m3	2.4	1.2	1.55		04/01/17 03:14	106-93-4	
1,2-Dichlorobenzene	<0.79	ug/m3	4.7	0.79	1.55		04/01/17 03:14	95-50-1	
1,3-Dichlorobenzene	<0.82	ug/m3	4.7	0.82	1.55		04/01/17 03:14	541-73-1	
1,4-Dichlorobenzene	<0.77	ug/m3	4.7	0.77	1.55		04/01/17 03:14	106-46-7	
Dichlorodifluoromethane	6.3	ug/m3	1.6	0.74	1.55		04/01/17 03:14	75-71-8	
1,1-Dichloroethane	<0.24	ug/m3	1.3	0.24	1.55		04/01/17 03:14	75-34-3	
1,2-Dichloroethane	<0.32	ug/m3	0.64	0.32	1.55		04/01/17 03:14	107-06-2	
1,1-Dichloroethene	<0.37	ug/m3	1.3	0.37	1.55		04/01/17 03:14	75-35-4	
cis-1,2-Dichloroethene	<0.38	ug/m3	1.3	0.38	1.55		04/01/17 03:14	156-59-2	
trans-1,2-Dichloroethene	<0.60	ug/m3	1.3	0.60	1.55		04/01/17 03:14	156-60-5	
1,2-Dichloropropane	<0.42	ug/m3	1.5	0.42	1.55		04/01/17 03:14	78-87-5	
cis-1,3-Dichloropropene	<0.57	ug/m3	1.4	0.57	1.55		04/01/17 03:14	10061-01-5	
trans-1,3-Dichloropropene	<0.40	ug/m3	1.4	0.40	1.55		04/01/17 03:14	10061-02-6	
Dichlorotetrafluoroethane	<0.48	ug/m3	2.2	0.48	1.55		04/01/17 03:14	76-14-2	
Ethanol	2.1	ug/m3	1.5	0.41	1.55		04/01/17 03:14	64-17-5	
Ethyl acetate	<0.54	ug/m3	1.1	0.54	1.55		04/01/17 03:14	141-78-6	
Ethylbenzene	1.6	ug/m3	1.4	0.66	1.55		04/01/17 03:14	100-41-4	
4-Ethyltoluene	<0.29	ug/m3	1.6	0.29	1.55		04/01/17 03:14	622-96-8	
n-Heptane	1.5	ug/m3	1.3	0.43	1.55		04/01/17 03:14	142-82-5	
Hexachloro-1,3-butadiene	<1.0	ug/m3	8.4	1.0	1.55		04/01/17 03:14	87-68-3	
n-Hexane	6.1	ug/m3	1.1	0.55	1.55		04/01/17 03:14	110-54-3	
2-Hexanone	<0.64	ug/m3	6.5	0.64	1.55		04/01/17 03:14	591-78-6	
Methylene Chloride	<0.84	ug/m3	5.5	0.84	1.55		04/01/17 03:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.34	ug/m3	6.5	0.34	1.55		04/01/17 03:14	108-10-1	
Methyl-tert-butyl ether	<0.47	ug/m3	5.7	0.47	1.55		04/01/17 03:14	1634-04-4	
Naphthalene	<0.47	ug/m3	4.1	0.47	1.55		04/01/17 03:14	91-20-3	
2-Propanol	<0.37	ug/m3	3.9	0.37	1.55		04/01/17 03:14	67-63-0	
Propylene	66.0	ug/m3	0.54	0.21	1.55		04/01/17 03:14	115-07-1	
Styrene	<0.30	ug/m3	1.3	0.30	1.55		04/01/17 03:14	100-42-5	
1,1,2,2-Tetrachloroethane	<0.51	ug/m3	5.4	0.51	1.55		04/01/17 03:14	79-34-5	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

**Sample: VC-2**      **Lab ID: 10382064014**      Collected: 03/14/17 12:08      Received: 03/16/17 17:15      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>		Analytical Method: TO-15							
Tetrachloroethene	<b>12.3</b>	ug/m3	2.1	0.43	1.55		04/01/17 03:14	127-18-4	
Tetrahydrofuran	<b>&lt;0.18</b>	ug/m3	0.93	0.18	1.55		04/01/17 03:14	109-99-9	
Toluene	<b>5.3</b>	ug/m3	1.2	0.24	1.55		04/01/17 03:14	108-88-3	
1,2,4-Trichlorobenzene	<b>&lt;1.4</b>	ug/m3	5.8	1.4	1.55		04/01/17 03:14	120-82-1	
1,1,1-Trichloroethane	<b>2.7</b>	ug/m3	1.7	0.38	1.55		04/01/17 03:14	71-55-6	
1,1,2-Trichloroethane	<b>&lt;0.38</b>	ug/m3	0.85	0.38	1.55		04/01/17 03:14	79-00-5	
Trichloroethene	<b>&lt;0.43</b>	ug/m3	0.85	0.43	1.55		04/01/17 03:14	79-01-6	
Trichlorofluoromethane	<b>1.4J</b>	ug/m3	1.8	0.20	1.55		04/01/17 03:14	75-69-4	
1,1,2-Trichlorotrifluoroethane	<b>&lt;0.47</b>	ug/m3	2.5	0.47	1.55		04/01/17 03:14	76-13-1	
1,2,4-Trimethylbenzene	<b>&lt;0.19</b>	ug/m3	3.9	0.19	1.55		04/01/17 03:14	95-63-6	
1,3,5-Trimethylbenzene	<b>&lt;0.28</b>	ug/m3	1.5	0.28	1.55		04/01/17 03:14	108-67-8	
Vinyl acetate	<b>1.2</b>	ug/m3	1.1	0.51	1.55		04/01/17 03:14	108-05-4	
Vinyl chloride	<b>&lt;0.30</b>	ug/m3	0.40	0.30	1.55		04/01/17 03:14	75-01-4	
m&p-Xylene	<b>5.5</b>	ug/m3	2.7	1.2	1.55		04/01/17 03:14	179601-23-1	
o-Xylene	<b>&lt;0.54</b>	ug/m3	1.4	0.54	1.55		04/01/17 03:14	95-47-6	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

Sample: VC-3 Lab ID: 10382064015 Collected: 03/14/17 13:39 Received: 03/16/17 17:15 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>		Analytical Method: TO-15							
Acetone	33.4	ug/m3	3.6	1.2	1.49		04/01/17 03:41	67-64-1	
Benzene	3.7	ug/m3	0.48	0.18	1.49		04/01/17 03:41	71-43-2	
Benzyl chloride	<0.25	ug/m3	3.9	0.25	1.49		04/01/17 03:41	100-44-7	
Bromodichloromethane	<0.29	ug/m3	2.0	0.29	1.49		04/01/17 03:41	75-27-4	
Bromoform	<1.3	ug/m3	3.1	1.3	1.49		04/01/17 03:41	75-25-2	
Bromomethane	<0.46	ug/m3	1.2	0.46	1.49		04/01/17 03:41	74-83-9	
1,3-Butadiene	<0.26	ug/m3	0.67	0.26	1.49		04/01/17 03:41	106-99-0	
2-Butanone (MEK)	9.8	ug/m3	4.5	0.34	1.49		04/01/17 03:41	78-93-3	
Carbon disulfide	1.6	ug/m3	0.94	0.15	1.49		04/01/17 03:41	75-15-0	
Carbon tetrachloride	<0.29	ug/m3	0.95	0.29	1.49		04/01/17 03:41	56-23-5	
Chlorobenzene	<0.20	ug/m3	1.4	0.20	1.49		04/01/17 03:41	108-90-7	
Chloroethane	<0.29	ug/m3	0.80	0.29	1.49		04/01/17 03:41	75-00-3	
Chloroform	<0.28	ug/m3	0.74	0.28	1.49		04/01/17 03:41	67-66-3	
Chloromethane	1.4	ug/m3	0.63	0.16	1.49		04/01/17 03:41	74-87-3	
Cyclohexane	1.8	ug/m3	1.0	0.47	1.49		04/01/17 03:41	110-82-7	
Dibromochloromethane	<1.3	ug/m3	2.6	1.3	1.49		04/01/17 03:41	124-48-1	
1,2-Dibromoethane (EDB)	<1.2	ug/m3	2.3	1.2	1.49		04/01/17 03:41	106-93-4	
1,2-Dichlorobenzene	<0.76	ug/m3	4.6	0.76	1.49		04/01/17 03:41	95-50-1	
1,3-Dichlorobenzene	<0.79	ug/m3	4.6	0.79	1.49		04/01/17 03:41	541-73-1	
1,4-Dichlorobenzene	<0.74	ug/m3	4.6	0.74	1.49		04/01/17 03:41	106-46-7	
Dichlorodifluoromethane	1.1J	ug/m3	1.5	0.72	1.49		04/01/17 03:41	75-71-8	
1,1-Dichloroethane	<0.23	ug/m3	1.2	0.23	1.49		04/01/17 03:41	75-34-3	
1,2-Dichloroethane	<0.31	ug/m3	0.61	0.31	1.49		04/01/17 03:41	107-06-2	
1,1-Dichloroethene	<0.35	ug/m3	1.2	0.35	1.49		04/01/17 03:41	75-35-4	
cis-1,2-Dichloroethene	<0.37	ug/m3	1.2	0.37	1.49		04/01/17 03:41	156-59-2	
trans-1,2-Dichloroethene	<0.57	ug/m3	1.2	0.57	1.49		04/01/17 03:41	156-60-5	
1,2-Dichloropropane	<0.40	ug/m3	1.4	0.40	1.49		04/01/17 03:41	78-87-5	
cis-1,3-Dichloropropene	<0.55	ug/m3	1.4	0.55	1.49		04/01/17 03:41	10061-01-5	
trans-1,3-Dichloropropene	<0.39	ug/m3	1.4	0.39	1.49		04/01/17 03:41	10061-02-6	
Dichlorotetrafluoroethane	<0.46	ug/m3	2.1	0.46	1.49		04/01/17 03:41	76-14-2	
Ethanol	3.8	ug/m3	1.4	0.39	1.49		04/01/17 03:41	64-17-5	
Ethyl acetate	<0.52	ug/m3	1.1	0.52	1.49		04/01/17 03:41	141-78-6	
Ethylbenzene	0.79J	ug/m3	1.3	0.63	1.49		04/01/17 03:41	100-41-4	
4-Ethyltoluene	<0.28	ug/m3	1.5	0.28	1.49		04/01/17 03:41	622-96-8	
n-Heptane	2.5	ug/m3	1.2	0.42	1.49		04/01/17 03:41	142-82-5	
Hexachloro-1,3-butadiene	<0.97	ug/m3	8.1	0.97	1.49		04/01/17 03:41	87-68-3	
n-Hexane	10.7	ug/m3	1.1	0.53	1.49		04/01/17 03:41	110-54-3	
2-Hexanone	<0.61	ug/m3	6.2	0.61	1.49		04/01/17 03:41	591-78-6	
Methylene Chloride	<0.81	ug/m3	5.3	0.81	1.49		04/01/17 03:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.32	ug/m3	6.2	0.32	1.49		04/01/17 03:41	108-10-1	
Methyl-tert-butyl ether	<0.45	ug/m3	5.5	0.45	1.49		04/01/17 03:41	1634-04-4	
Naphthalene	<0.45	ug/m3	4.0	0.45	1.49		04/01/17 03:41	91-20-3	
2-Propanol	<0.36	ug/m3	3.7	0.36	1.49		04/01/17 03:41	67-63-0	
Propylene	179	ug/m3	0.52	0.20	1.49		04/01/17 03:41	115-07-1	E
Styrene	<0.29	ug/m3	1.3	0.29	1.49		04/01/17 03:41	100-42-5	
1,1,2,2-Tetrachloroethane	<0.49	ug/m3	5.2	0.49	1.49		04/01/17 03:41	79-34-5	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

**Sample: VC-3**      **Lab ID: 10382064015**      Collected: 03/14/17 13:39      Received: 03/16/17 17:15      Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b>		Analytical Method: TO-15							
Tetrachloroethene	<0.41	ug/m3	2.1	0.41	1.49		04/01/17 03:41	127-18-4	
Tetrahydrofuran	<0.18	ug/m3	0.89	0.18	1.49		04/01/17 03:41	109-99-9	
Toluene	5.3	ug/m3	1.1	0.23	1.49		04/01/17 03:41	108-88-3	
1,2,4-Trichlorobenzene	<1.4	ug/m3	5.6	1.4	1.49		04/01/17 03:41	120-82-1	
1,1,1-Trichloroethane	<0.37	ug/m3	1.7	0.37	1.49		04/01/17 03:41	71-55-6	
1,1,2-Trichloroethane	<0.37	ug/m3	0.82	0.37	1.49		04/01/17 03:41	79-00-5	
Trichloroethene	<0.41	ug/m3	0.82	0.41	1.49		04/01/17 03:41	79-01-6	
Trichlorofluoromethane	<0.20	ug/m3	1.7	0.20	1.49		04/01/17 03:41	75-69-4	
1,1,2-Trichlorotrifluoroethane	<0.45	ug/m3	2.4	0.45	1.49		04/01/17 03:41	76-13-1	
1,2,4-Trimethylbenzene	<0.19	ug/m3	3.7	0.19	1.49		04/01/17 03:41	95-63-6	
1,3,5-Trimethylbenzene	<0.27	ug/m3	1.5	0.27	1.49		04/01/17 03:41	108-67-8	
Vinyl acetate	<0.49	ug/m3	1.1	0.49	1.49		04/01/17 03:41	108-05-4	
Vinyl chloride	<0.29	ug/m3	0.39	0.29	1.49		04/01/17 03:41	75-01-4	
m&p-Xylene	2.3J	ug/m3	2.6	1.2	1.49		04/01/17 03:41	179601-23-1	
o-Xylene	<0.52	ug/m3	1.3	0.52	1.49		04/01/17 03:41	95-47-6	

### REPORT OF LABORATORY ANALYSIS

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

### QUALITY CONTROL DATA

Project: 06080801 Laundry Basket  
Pace Project No.: 10382064

QC Batch: 466574 Analysis Method: TO-15  
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level  
Associated Lab Samples: 10382064001, 10382064002, 10382064003, 10382064004, 10382064005, 10382064009, 10382064010, 10382064011, 10382064012, 10382064013, 10382064014, 10382064015

METHOD BLANK: 2549675 Matrix: Air  
Associated Lab Samples: 10382064001, 10382064002, 10382064003, 10382064004, 10382064005, 10382064009, 10382064010, 10382064011, 10382064012, 10382064013, 10382064014, 10382064015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.25	1.1	03/31/17 14:50	
1,1,2,2-Tetrachloroethane	ug/m3	<0.33	3.5	03/31/17 14:50	
1,1,2-Trichloroethane	ug/m3	<0.25	0.55	03/31/17 14:50	
1,1,2-Trichlorotrifluoroethane	ug/m3	<0.30	1.6	03/31/17 14:50	
1,1-Dichloroethane	ug/m3	<0.16	0.82	03/31/17 14:50	
1,1-Dichloroethene	ug/m3	<0.24	0.81	03/31/17 14:50	
1,2,4-Trichlorobenzene	ug/m3	<0.91	3.8	03/31/17 14:50	
1,2,4-Trimethylbenzene	ug/m3	<0.12	2.5	03/31/17 14:50	
1,2-Dibromoethane (EDB)	ug/m3	<0.77	1.6	03/31/17 14:50	
1,2-Dichlorobenzene	ug/m3	<0.51	3.1	03/31/17 14:50	
1,2-Dichloroethane	ug/m3	<0.20	0.41	03/31/17 14:50	
1,2-Dichloropropane	ug/m3	<0.27	0.94	03/31/17 14:50	
1,3,5-Trimethylbenzene	ug/m3	<0.18	1.0	03/31/17 14:50	
1,3-Butadiene	ug/m3	<0.18	0.45	03/31/17 14:50	
1,3-Dichlorobenzene	ug/m3	<0.53	3.1	03/31/17 14:50	
1,4-Dichlorobenzene	ug/m3	<0.50	3.1	03/31/17 14:50	
2-Butanone (MEK)	ug/m3	<0.23	3.0	03/31/17 14:50	
2-Hexanone	ug/m3	<0.41	4.2	03/31/17 14:50	
2-Propanol	ug/m3	<0.24	2.5	03/31/17 14:50	
4-Ethyltoluene	ug/m3	<0.19	1.0	03/31/17 14:50	
4-Methyl-2-pentanone (MIBK)	ug/m3	<0.22	4.2	03/31/17 14:50	
Acetone	ug/m3	<0.83	2.4	03/31/17 14:50	
Benzene	ug/m3	<0.12	0.32	03/31/17 14:50	
Benzyl chloride	ug/m3	<0.17	2.6	03/31/17 14:50	
Bromodichloromethane	ug/m3	<0.19	1.4	03/31/17 14:50	
Bromoform	ug/m3	<0.90	2.1	03/31/17 14:50	
Bromomethane	ug/m3	<0.31	0.79	03/31/17 14:50	
Carbon disulfide	ug/m3	<0.10	0.63	03/31/17 14:50	
Carbon tetrachloride	ug/m3	<0.19	0.64	03/31/17 14:50	
Chlorobenzene	ug/m3	<0.13	0.94	03/31/17 14:50	
Chloroethane	ug/m3	<0.19	0.54	03/31/17 14:50	
Chloroform	ug/m3	<0.19	0.50	03/31/17 14:50	
Chloromethane	ug/m3	<0.11	0.42	03/31/17 14:50	
cis-1,2-Dichloroethene	ug/m3	<0.25	0.81	03/31/17 14:50	
cis-1,3-Dichloropropene	ug/m3	<0.37	0.92	03/31/17 14:50	
Cyclohexane	ug/m3	<0.32	0.70	03/31/17 14:50	
Dibromochloromethane	ug/m3	<0.86	1.7	03/31/17 14:50	
Dichlorodifluoromethane	ug/m3	<0.48	1.0	03/31/17 14:50	
Dichlorotetrafluoroethane	ug/m3	<0.31	1.4	03/31/17 14:50	
Ethanol	ug/m3	<0.26	0.96	03/31/17 14:50	

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, LLC.



### QUALITY CONTROL DATA

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

METHOD BLANK: 2549675

Matrix: Air

Associated Lab Samples: 10382064001, 10382064002, 10382064003, 10382064004, 10382064005, 10382064009, 10382064010, 10382064011, 10382064012, 10382064013, 10382064014, 10382064015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethyl acetate	ug/m3	<0.35	0.73	03/31/17 14:50	
Ethylbenzene	ug/m3	<0.42	0.88	03/31/17 14:50	
Hexachloro-1,3-butadiene	ug/m3	<0.65	5.4	03/31/17 14:50	
m&p-Xylene	ug/m3	<0.79	1.8	03/31/17 14:50	
Methyl-tert-butyl ether	ug/m3	<0.30	3.7	03/31/17 14:50	
Methylene Chloride	ug/m3	<0.54	3.5	03/31/17 14:50	
n-Heptane	ug/m3	<0.28	0.83	03/31/17 14:50	
n-Hexane	ug/m3	<0.36	0.72	03/31/17 14:50	
Naphthalene	ug/m3	<0.30	2.7	03/31/17 14:50	
o-Xylene	ug/m3	<0.35	0.88	03/31/17 14:50	
Propylene	ug/m3	<0.14	0.35	03/31/17 14:50	
Styrene	ug/m3	<0.19	0.87	03/31/17 14:50	
Tetrachloroethene	ug/m3	<0.28	1.4	03/31/17 14:50	
Tetrahydrofuran	ug/m3	<0.12	0.60	03/31/17 14:50	
Toluene	ug/m3	<0.15	0.77	03/31/17 14:50	
trans-1,2-Dichloroethene	ug/m3	<0.38	0.81	03/31/17 14:50	
trans-1,3-Dichloropropene	ug/m3	<0.26	0.92	03/31/17 14:50	
Trichloroethene	ug/m3	<0.28	0.55	03/31/17 14:50	
Trichlorofluoromethane	ug/m3	<0.13	1.1	03/31/17 14:50	
Vinyl acetate	ug/m3	<0.33	0.72	03/31/17 14:50	
Vinyl chloride	ug/m3	<0.20	0.26	03/31/17 14:50	

LABORATORY CONTROL SAMPLE: 2549676

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	58.2	57.5	99	70-134	
1,1,2,2-Tetrachloroethane	ug/m3	74.7	81.2	109	70-130	
1,1,2-Trichloroethane	ug/m3	59.3	65.2	110	70-130	
1,1,2-Trichlorotrifluoroethane	ug/m3	81.8	70.3	86	70-130	
1,1-Dichloroethane	ug/m3	43.6	40.0	92	70-130	
1,1-Dichloroethene	ug/m3	42.7	36.6	86	70-130	
1,2,4-Trichlorobenzene	ug/m3	74.7	64.5	86	60-150	
1,2,4-Trimethylbenzene	ug/m3	51.5	60.2	117	70-136	
1,2-Dibromoethane (EDB)	ug/m3	83.6	87.4	105	70-130	
1,2-Dichlorobenzene	ug/m3	63.6	72.1	113	70-139	
1,2-Dichloroethane	ug/m3	44	50.4	115	70-130	
1,2-Dichloropropane	ug/m3	50.7	45.9	91	70-131	
1,3,5-Trimethylbenzene	ug/m3	51.5	59.2	115	70-133	
1,3-Butadiene	ug/m3	23.4	26.0	111	70-130	
1,3-Dichlorobenzene	ug/m3	61.7	72.6	118	70-144	
1,4-Dichlorobenzene	ug/m3	63.6	70.1	110	70-139	
2-Butanone (MEK)	ug/m3	32.4	28.2	87	70-130	
2-Hexanone	ug/m3	44.6	41.9	94	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, LLC.

### QUALITY CONTROL DATA

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

LABORATORY CONTROL SAMPLE: 2549676

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Propanol	ug/m3	25	27.3	109	70-130	
4-Ethyltoluene	ug/m3	49.5	56.1	113	70-135	
4-Methyl-2-pentanone (MIBK)	ug/m3	44.6	45.4	102	70-130	
Acetone	ug/m3	25.1	23.5	93	64-130	
Benzene	ug/m3	34.7	31.3	90	70-130	
Benzyl chloride	ug/m3	53.2	51.9	98	70-144	
Bromodichloromethane	ug/m3	72.2	67.9	94	70-134	
Bromoform	ug/m3	116	119	103	70-150	
Bromomethane	ug/m3	39.1	36.3	93	70-130	
Carbon disulfide	ug/m3	33.2	34.6	104	70-134	
Carbon tetrachloride	ug/m3	68.4	66.0	96	68-150	
Chlorobenzene	ug/m3	50.1	52.1	104	70-132	
Chloroethane	ug/m3	26.3	33.3	127	70-132	
Chloroform	ug/m3	51.1	47.9	94	70-130	
Chloromethane	ug/m3	21.4	23.4	109	70-130	
cis-1,2-Dichloroethene	ug/m3	43.9	38.8	88	70-133	
cis-1,3-Dichloropropene	ug/m3	51.7	45.3	88	70-137	
Cyclohexane	ug/m3	37.1	39.3	106	70-130	
Dibromochloromethane	ug/m3	97	80.1	83	70-144	
Dichlorodifluoromethane	ug/m3	52.8	59.2	112	70-130	
Dichlorotetrafluoroethane	ug/m3	69.6	66.1	95	70-130	
Ethanol	ug/m3	20.3	21.0	104	70-136	
Ethyl acetate	ug/m3	37.7	34.2	91	70-130	
Ethylbenzene	ug/m3	47.7	49.9	105	70-134	
Hexachloro-1,3-butadiene	ug/m3	109	112	102	45-150	
m&p-Xylene	ug/m3	47.7	49.3	103	70-130	
Methyl-tert-butyl ether	ug/m3	38.8	35.0	90	66-148	
Methylene Chloride	ug/m3	39.2	42.5	108	67-133	
n-Heptane	ug/m3	44.2	39.1	89	70-130	
n-Hexane	ug/m3	38.7	33.8	87	67-132	
Naphthalene	ug/m3	56	46.9	84	53-150	
o-Xylene	ug/m3	47.2	51.2	108	70-130	
Propylene	ug/m3	19.2	20.8	108	70-135	
Styrene	ug/m3	45.5	47.7	105	70-139	
Tetrachloroethene	ug/m3	72.4	78.3	108	70-130	
Tetrahydrofuran	ug/m3	33	35.2	107	70-130	
Toluene	ug/m3	41.4	36.5	88	70-130	
trans-1,2-Dichloroethene	ug/m3	41.9	40.0	96	70-131	
trans-1,3-Dichloropropene	ug/m3	48.4	46.1	95	70-142	
Trichloroethene	ug/m3	57.9	65.4	113	70-130	
Trichlorofluoromethane	ug/m3	58.8	52.9	90	70-130	
Vinyl acetate	ug/m3	40.4	35.4	88	70-137	
Vinyl chloride	ug/m3	27	24.6	91	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, LLC.

### QUALITY CONTROL DATA

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

SAMPLE DUPLICATE: 2550271

Parameter	Units	10382258001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	<0.25		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	<0.33		25	
1,1,2-Trichloroethane	ug/m3	ND	<0.25		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	0.41J	0.41J		25	
1,1-Dichloroethane	ug/m3	ND	<0.16		25	
1,1-Dichloroethene	ug/m3	ND	<0.24		25	
1,2,4-Trichlorobenzene	ug/m3	ND	<0.91		25	
1,2,4-Trimethylbenzene	ug/m3	ND	<0.12		25	
1,2-Dibromoethane (EDB)	ug/m3	ND	<0.77		25	
1,2-Dichlorobenzene	ug/m3	ND	<0.51		25	
1,2-Dichloroethane	ug/m3	ND	<0.20		25	
1,2-Dichloropropane	ug/m3	ND	<0.27		25	
1,3,5-Trimethylbenzene	ug/m3	ND	<0.18		25	
1,3-Butadiene	ug/m3	ND	<0.18		25	
1,3-Dichlorobenzene	ug/m3	ND	<0.53		25	
1,4-Dichlorobenzene	ug/m3	ND	<0.50		25	
2-Butanone (MEK)	ug/m3	0.71J	0.66J		25	
2-Hexanone	ug/m3	ND	<0.41		25	
2-Propanol	ug/m3	ND	<0.24		25	
4-Ethyltoluene	ug/m3	ND	<0.19		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	<0.22		25	
Acetone	ug/m3	ND	<0.83		25	
Benzene	ug/m3	0.37	0.36	3	25	
Benzyl chloride	ug/m3	ND	<0.17		25	
Bromodichloromethane	ug/m3	ND	<0.19		25	
Bromoform	ug/m3	ND	<0.90		25	
Bromomethane	ug/m3	ND	<0.31		25	
Carbon disulfide	ug/m3	ND	<0.10		25	
Carbon tetrachloride	ug/m3	0.40J	0.40J		25	
Chlorobenzene	ug/m3	ND	<0.13		25	
Chloroethane	ug/m3	ND	<0.19		25	
Chloroform	ug/m3	ND	<0.19		25	
Chloromethane	ug/m3	0.56	0.54	4	25	
cis-1,2-Dichloroethene	ug/m3	ND	<0.25		25	
cis-1,3-Dichloropropene	ug/m3	ND	<0.37		25	
Cyclohexane	ug/m3	ND	<0.32		25	
Dibromochloromethane	ug/m3	ND	<0.86		25	
Dichlorodifluoromethane	ug/m3	2.0	1.9	8	25	
Dichlorotetrafluoroethane	ug/m3	ND	<0.31		25	
Ethanol	ug/m3	ND	<0.26		25	
Ethyl acetate	ug/m3	ND	<0.35		25	
Ethylbenzene	ug/m3	ND	<0.42		25	
Hexachloro-1,3-butadiene	ug/m3	ND	<0.65		25	
m&p-Xylene	ug/m3	ND	<0.79		25	
Methyl-tert-butyl ether	ug/m3	ND	<0.30		25	
Methylene Chloride	ug/m3	ND	<0.54		25	
n-Heptane	ug/m3	ND	<0.28		25	

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

### REPORT OF LABORATORY ANALYSIS

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

### QUALITY CONTROL DATA

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

SAMPLE DUPLICATE: 2550271

Parameter	Units	10382258001 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	ND	<0.36		25	
Naphthalene	ug/m3	ND	<0.30		25	
o-Xylene	ug/m3	ND	<0.35		25	
Propylene	ug/m3	ND	<0.14		25	
Styrene	ug/m3	0.65J	0.64J		25	
Tetrachloroethene	ug/m3	ND	<0.28		25	
Tetrahydrofuran	ug/m3	ND	<0.12		25	
Toluene	ug/m3	ND	<0.15		25	
trans-1,2-Dichloroethene	ug/m3	ND	<0.38		25	
trans-1,3-Dichloropropene	ug/m3	ND	<0.26		25	
Trichloroethene	ug/m3	ND	<0.28		25	
Trichlorofluoromethane	ug/m3	1.0J	0.93J		25	
Vinyl acetate	ug/m3	ND	<0.33		25	
Vinyl chloride	ug/m3	ND	<0.20		25	

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

### REPORT OF LABORATORY ANALYSIS

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

### QUALITY CONTROL DATA

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

QC Batch: 466636 Analysis Method: TO-15  
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level  
Associated Lab Samples: 10382064006, 10382064007, 10382064008

METHOD BLANK: 2550307 Matrix: Air  
Associated Lab Samples: 10382064006, 10382064007, 10382064008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	0.0J	1.1	04/02/17 10:38	
1,1,2,2-Tetrachloroethane	ug/m3	0.0J	0.70	04/02/17 10:38	
1,1,2-Trichloroethane	ug/m3	0.0J	0.55	04/02/17 10:38	
1,1,2-Trichlorotrifluoroethane	ug/m3	0.0J	1.6	04/02/17 10:38	
1,1-Dichloroethane	ug/m3	0.0J	0.82	04/02/17 10:38	
1,1-Dichloroethene	ug/m3	0.0J	0.81	04/02/17 10:38	
1,2,4-Trichlorobenzene	ug/m3	0.0J	3.8	04/02/17 10:38	
1,2,4-Trimethylbenzene	ug/m3	0.0J	1.0	04/02/17 10:38	
1,2-Dibromoethane (EDB)	ug/m3	0.0J	1.6	04/02/17 10:38	
1,2-Dichlorobenzene	ug/m3	0.0J	1.2	04/02/17 10:38	
1,2-Dichloroethane	ug/m3	0.0J	0.41	04/02/17 10:38	
1,2-Dichloropropane	ug/m3	0.0J	0.94	04/02/17 10:38	
1,3,5-Trimethylbenzene	ug/m3	0.0J	1.0	04/02/17 10:38	
1,3-Butadiene	ug/m3	0.0J	0.45	04/02/17 10:38	
1,3-Dichlorobenzene	ug/m3	0.0J	1.2	04/02/17 10:38	
1,4-Dichlorobenzene	ug/m3	0.0J	1.2	04/02/17 10:38	
2-Butanone (MEK)	ug/m3	0.0J	3.0	04/02/17 10:38	
2-Hexanone	ug/m3	0.0J	4.2	04/02/17 10:38	
2-Propanol	ug/m3	0.0J	2.5	04/02/17 10:38	
4-Ethyltoluene	ug/m3	0.0J	1.0	04/02/17 10:38	
4-Methyl-2-pentanone (MIBK)	ug/m3	0.0J	4.2	04/02/17 10:38	
Acetone	ug/m3	0.0J	2.4	04/02/17 10:38	
Benzene	ug/m3	0.0J	0.32	04/02/17 10:38	
Benzyl chloride	ug/m3	0.0J	2.6	04/02/17 10:38	MN
Bromodichloromethane	ug/m3	0.0J	1.4	04/02/17 10:38	
Bromoform	ug/m3	0.0J	2.1	04/02/17 10:38	
Bromomethane	ug/m3	0.0J	0.79	04/02/17 10:38	
Carbon disulfide	ug/m3	0.0J	0.63	04/02/17 10:38	
Carbon tetrachloride	ug/m3	0.0J	0.64	04/02/17 10:38	
Chlorobenzene	ug/m3	0.0J	0.94	04/02/17 10:38	
Chloroethane	ug/m3	0.0J	0.54	04/02/17 10:38	
Chloroform	ug/m3	0.0J	0.50	04/02/17 10:38	
Chloromethane	ug/m3	0.0J	0.42	04/02/17 10:38	
cis-1,2-Dichloroethene	ug/m3	0.0J	0.81	04/02/17 10:38	
cis-1,3-Dichloropropene	ug/m3	0.0J	0.92	04/02/17 10:38	
Cyclohexane	ug/m3	0.0J	0.70	04/02/17 10:38	
Dibromochloromethane	ug/m3	0.0J	1.7	04/02/17 10:38	
Dichlorodifluoromethane	ug/m3	0.0J	1.0	04/02/17 10:38	
Dichlorotetrafluoroethane	ug/m3	0.0J	1.4	04/02/17 10:38	
Ethanol	ug/m3	0.0J	0.96	04/02/17 10:38	
Ethyl acetate	ug/m3	0.0J	0.73	04/02/17 10:38	

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, LLC.

### QUALITY CONTROL DATA

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

METHOD BLANK: 2550307

Matrix: Air

Associated Lab Samples: 10382064006, 10382064007, 10382064008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/m3	0.0J	0.88	04/02/17 10:38	
Hexachloro-1,3-butadiene	ug/m3	0.0J	5.4	04/02/17 10:38	MN
m&p-Xylene	ug/m3	0.0J	1.8	04/02/17 10:38	
Methyl-tert-butyl ether	ug/m3	0.0J	3.7	04/02/17 10:38	
Methylene Chloride	ug/m3	0.0J	3.5	04/02/17 10:38	
n-Heptane	ug/m3	0.0J	0.83	04/02/17 10:38	
n-Hexane	ug/m3	0.0J	0.72	04/02/17 10:38	
Naphthalene	ug/m3	0.0J	2.7	04/02/17 10:38	
o-Xylene	ug/m3	0.0J	0.88	04/02/17 10:38	
Propylene	ug/m3	0.0J	0.35	04/02/17 10:38	
Styrene	ug/m3	0.0J	0.87	04/02/17 10:38	
Tetrachloroethene	ug/m3	0.0J	0.69	04/02/17 10:38	
Tetrahydrofuran	ug/m3	0.0J	0.60	04/02/17 10:38	
Toluene	ug/m3	0.0J	0.77	04/02/17 10:38	
trans-1,2-Dichloroethene	ug/m3	0.0J	0.81	04/02/17 10:38	
trans-1,3-Dichloropropene	ug/m3	0.0J	0.92	04/02/17 10:38	
Trichloroethene	ug/m3	0.0J	0.55	04/02/17 10:38	
Trichlorofluoromethane	ug/m3	0.0J	1.1	04/02/17 10:38	
Vinyl acetate	ug/m3	0.0J	0.72	04/02/17 10:38	
Vinyl chloride	ug/m3	0.0J	0.26	04/02/17 10:38	

LABORATORY CONTROL SAMPLE: 2550308

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	55.5	66.9	121	70-134	
1,1,2,2-Tetrachloroethane	ug/m3	69.8	77.0	110	70-130	
1,1,2-Trichloroethane	ug/m3	55.5	62.8	113	70-130	
1,1,2-Trichlorotrifluoroethane	ug/m3	77.9	85.4	110	70-130	
1,1-Dichloroethane	ug/m3	41.1	48.2	117	70-130	
1,1-Dichloroethene	ug/m3	40.3	48.0	119	70-130	
1,2,4-Trichlorobenzene	ug/m3	75.4	77.4	103	60-150	
1,2,4-Trimethylbenzene	ug/m3	50	57.1	114	70-136	
1,2-Dibromoethane (EDB)	ug/m3	78.1	86.3	111	70-130	
1,2-Dichlorobenzene	ug/m3	61.1	74.4	122	70-139	
1,2-Dichloroethane	ug/m3	41.1	46.9	114	70-130	
1,2-Dichloropropane	ug/m3	47	53.3	114	70-131	
1,3,5-Trimethylbenzene	ug/m3	50	55.1	110	70-133	
1,3-Butadiene	ug/m3	22.5	25.9	115	70-130	
1,3-Dichlorobenzene	ug/m3	61.1	74.7	122	70-144	
1,4-Dichlorobenzene	ug/m3	61.1	76.0	124	70-139	
2-Butanone (MEK)	ug/m3	30	32.3	108	70-130	
2-Hexanone	ug/m3	104	121	117	70-138	
2-Propanol	ug/m3	125	144	116	70-130	
4-Ethyltoluene	ug/m3	50	59.0	118	70-135	

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, LLC.

### QUALITY CONTROL DATA

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

LABORATORY CONTROL SAMPLE: 2550308

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Methyl-2-pentanone (MIBK)	ug/m3	104	120	115	70-130	
Acetone	ug/m3	121	139	115	64-130	
Benzene	ug/m3	32.5	37.4	115	70-130	
Benzyl chloride	ug/m3	52.6	58.9	112	70-144	
Bromodichloromethane	ug/m3	68.1	83.5	123	70-134	
Bromoform	ug/m3	105	134	127	70-150	
Bromomethane	ug/m3	39.5	46.8	119	70-130	
Carbon disulfide	ug/m3	31.6	37.6	119	70-134	
Carbon tetrachloride	ug/m3	64	79.8	125	68-150	
Chlorobenzene	ug/m3	46.8	48.5	104	70-132	
Chloroethane	ug/m3	26.8	31.8	119	70-132	
Chloroform	ug/m3	49.6	65.1	131	70-130	CH,L1
Chloromethane	ug/m3	21	24.5	117	70-130	
cis-1,2-Dichloroethene	ug/m3	40.3	45.4	113	70-133	
cis-1,3-Dichloropropene	ug/m3	46.1	56.2	122	70-137	
Cyclohexane	ug/m3	35	40.5	116	70-130	
Dibromochloromethane	ug/m3	86.6	102	118	70-144	
Dichlorodifluoromethane	ug/m3	50.3	53.7	107	70-130	
Dichlorotetrafluoroethane	ug/m3	71	83.0	117	70-130	
Ethanol	ug/m3	91.6	115	125	70-136	
Ethyl acetate	ug/m3	36.6	40.4	110	70-130	
Ethylbenzene	ug/m3	44.1	47.5	108	70-134	
Hexachloro-1,3-butadiene	ug/m3	108	126	116	45-150	
m&p-Xylene	ug/m3	88.3	94.3	107	70-130	
Methyl-tert-butyl ether	ug/m3	91.6	102	111	66-148	
Methylene Chloride	ug/m3	177	194	110	67-133	
n-Heptane	ug/m3	41.6	47.4	114	70-130	
n-Hexane	ug/m3	35.8	39.3	110	67-132	
Naphthalene	ug/m3	53.3	51.9	98	53-150	
o-Xylene	ug/m3	44.1	46.6	106	70-130	
Propylene	ug/m3	17.5	19.9	114	70-135	
Styrene	ug/m3	43.3	48.2	111	70-139	
Tetrachloroethene	ug/m3	68.9	68.2	99	70-130	
Tetrahydrofuran	ug/m3	30	34.5	115	70-130	
Toluene	ug/m3	38.3	42.9	112	70-130	
trans-1,2-Dichloroethene	ug/m3	40.3	44.8	111	70-131	
trans-1,3-Dichloropropene	ug/m3	46.1	60.5	131	70-142	CH
Trichloroethene	ug/m3	54.6	59.3	108	70-130	
Trichlorofluoromethane	ug/m3	57.1	68.0	119	70-130	
Vinyl acetate	ug/m3	35.8	42.7	119	70-137	
Vinyl chloride	ug/m3	26	29.9	115	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, LLC.

### QUALITY CONTROL DATA

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

SAMPLE DUPLICATE: 2550945

Parameter	Units	10381335021 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	0.0J	0.0J		25	
1,1,2,2-Tetrachloroethane	ug/m3	0.0J	0.0J		25	
1,1,2-Trichloroethane	ug/m3	0.0J	0.0J		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	16.0J	14.2J		25	
1,1-Dichloroethane	ug/m3	0.0J	0.0J		25	
1,1-Dichloroethene	ug/m3	0.0J	0.0J		25	
1,2,4-Trichlorobenzene	ug/m3	0.0J	0.0J		25	
1,2,4-Trimethylbenzene	ug/m3	1.7J	0.0J		25	
1,2-Dibromoethane (EDB)	ug/m3	0.0J	0.0J		25	
1,2-Dichlorobenzene	ug/m3	0.0J	0.0J		25	
1,2-Dichloroethane	ug/m3	0.0J	0.0J		25	
1,2-Dichloropropane	ug/m3	0.0J	0.0J		25	
1,3,5-Trimethylbenzene	ug/m3	0.0J	0.0J		25	
1,3-Butadiene	ug/m3	0.0J	0.0J		25	
1,3-Dichlorobenzene	ug/m3	0.0J	0.0J		25	
1,4-Dichlorobenzene	ug/m3	0.0J	0.0J		25	
2-Butanone (MEK)	ug/m3	0.0J	0.0J		25	
2-Hexanone	ug/m3	0.0J	0.0J		25	
2-Propanol	ug/m3	0.0J	0.0J		25	
4-Ethyltoluene	ug/m3	0.0J	0.0J		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	0.0J	0.0J		25	
Acetone	ug/m3	14.4J	14.7J		25	
Benzene	ug/m3	0.0J	0.0J		25	
Benzyl chloride	ug/m3	0.0J	0.0J		25	
Bromodichloromethane	ug/m3	0.0J	0.0J		25	
Bromoform	ug/m3	0.0J	0.0J		25	
Bromomethane	ug/m3	0.0J	0.0J		25	
Carbon disulfide	ug/m3	0.0J	0.0J		25	
Carbon tetrachloride	ug/m3	0.0J	0.0J		25	
Chlorobenzene	ug/m3	0.0J	0.0J		25	
Chloroethane	ug/m3	0.0J	0.0J		25	
Chloroform	ug/m3	0.0J	0.0J		25	
Chloromethane	ug/m3	0.0J	0.0J		25	
cis-1,2-Dichloroethene	ug/m3	878	957	9	25	
cis-1,3-Dichloropropene	ug/m3	0.0J	0.0J		25	
Cyclohexane	ug/m3	0.0J	0.0J		25	
Dibromochloromethane	ug/m3	0.0J	0.0J		25	
Dichlorodifluoromethane	ug/m3	0.0J	5.7J		25	
Dichlorotetrafluoroethane	ug/m3	0.0J	0.0J		25	
Ethanol	ug/m3	4.0J	4.4J		25	
Ethyl acetate	ug/m3	0.0J	0.0J		25	
Ethylbenzene	ug/m3	3.9J	4.0J		25	
Hexachloro-1,3-butadiene	ug/m3	0.0J	0.0J		25	
m&p-Xylene	ug/m3	23.0J	23.4J		25	
Methyl-tert-butyl ether	ug/m3	0.0J	0.0J		25	
Methylene Chloride	ug/m3	31.0J	29.3J		25	
n-Heptane	ug/m3	2.1J	2.1J		25	

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

### REPORT OF LABORATORY ANALYSIS

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



### QUALITY CONTROL DATA

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

SAMPLE DUPLICATE: 2550945

Parameter	Units	10381335021 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	0.0J	1.6J		25	
Naphthalene	ug/m3	0.0J	0.0J		25	
o-Xylene	ug/m3	0.0J	0.0J		25	
Propylene	ug/m3	2.9J	2.8J		25	
Styrene	ug/m3	0.0J	0.0J		25	
Tetrachloroethene	ug/m3	48.8	50.0	3	25	
Tetrahydrofuran	ug/m3	0.0J	0.0J		25	
Toluene	ug/m3	44.8	42.9	4	25	
trans-1,2-Dichloroethene	ug/m3	0.0J	0.0J		25	
trans-1,3-Dichloropropene	ug/m3	0.0J	0.0J		25	
Trichloroethene	ug/m3	33.5	31.5	6	25	
Trichlorofluoromethane	ug/m3	0.0J	0.0J		25	
Vinyl acetate	ug/m3	0.0J	0.0J		25	
Vinyl chloride	ug/m3	0.0J	0.0J		25	

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

### REPORT OF LABORATORY ANALYSIS

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

## QUALIFIERS

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

---

### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

### LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

### SAMPLE QUALIFIERS

Sample: 10382064006

[1] This result is reported from a serial dilution.

### ANALYTE QUALIFIERS

CH The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.

E Analyte concentration exceeded the calibration range. The reported result is estimated.

L1 Analyte recovery in the laboratory control sample (LCS) was above QC limits. 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.

## REPORT OF LABORATORY ANALYSIS

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

### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 06080801 Laundry Basket

Pace Project No.: 10382064

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10382064001	8hr LB Basement	TO-15	466574		
10382064002	8hr LB Storage	TO-15	466574		
10382064003	8hr LB Foyer	TO-15	466574		
10382064004	VP-1	TO-15	466574		
10382064005	VP-2	TO-15	466574		
10382064006	VP-3	TO-15	466636		
10382064007	VP-4	TO-15	466636		
10382064008	VP-5	TO-15	466636		
10382064009	VP-6	TO-15	466574		
10382064010	VP-7	TO-15	466574		
10382064011	VP-8	TO-15	466574		
10382064012	V-5	TO-15	466574		
10382064013	VC-1	TO-15	466574		
10382064014	VC-2	TO-15	466574		
10382064015	VC-3	TO-15	466574		

### REPORT OF LABORATORY ANALYSIS

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



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

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

10382064


<b>Section A</b> Required Client Information: Company: <b>MSA</b> Address: <b>932 ~ Superior St</b> Email To: <b>eklingfus@msa-pcm.com</b> Phone: <b>612-345-1234</b> Requested Due Date/TAT:		<b>Section B</b> Required Project Information: Report To: Copy To: Purchase Order No.: Project Name: <b>Laundry Basement</b> Project Number: <b>0608001</b>		<b>Section C</b> Invoice Information: Attention: Company Name: Address: Pace Quote Reference: Pace Project Manager/Sales Rep: <b>Shawn Davis</b> Pace Profile #:		26327 Page: of	
<b>Section D</b> Required Client Information <b>AIR SAMPLE ID</b> Sample IDs MUST BE UNIQUE		Valid Media Codes MEDIA Tedlar Bag 1 Liter Summa Can 6 Liter Summa Can Low Volume Puff High Volume Puff Other		<b>COLLECTED</b> MEDIA CODE P/D Reading (Client only)		<b>ACCEPTED BY / AFFILIATION</b> DATE TIME	
ITEM #							
1	8hr LB Basement	4LC	3-13-17	1017	3-13-17	1817	1255
2	8hr-LB Storage		3-13-17	1023	3-13-17	1823	2150
3	8hr-LB Foyer		3-13-17	1038	3-13-17	1835	410
4	VP-1		3-13-17	1413	3-13-17	1443	1545
5	VP-2		3-13-17	1547	3-13-17	1617	534
6	VP-3		3-14-17	1150	3-14-17	1220	578
7	VP-4		3-14-17	1327	3-14-17	1402	1043
8	VP-5		3-14-17	1735	3-14-17	1815	1663
9	VP-6		3-15-17	1040	3-15-17	1120	1460
10	VP-7		3-15-17	1708	3-15-17	1741	217
11	VP-8		3-14-17	1551	3-14-17	1624	153
12	V-5						
<b>REINQUISHED BY / AFFILIATION</b> Date Time		<b>ACCEPTED BY / AFFILIATION</b> Date Time		<b>DATE</b> <b>TIME</b>		<b>SAMPLE CONDITIONS</b> Temp in °C Received on Ice Custody Sealed Cooler Samples Intact	
Eric - Clary 3/15/17 1610		Eric & Andrew 3/15/17 1610		3/15/17 1610		Y/N Y/N Y/N Y/N	
Eric & Andrew 3/15/17 1440		Eric & Andrew 3/15/17 1440		3/15/17 1440		Y/N Y/N Y/N Y/N	
Eric & Andrew 3/16/17 1715		Eric & Andrew 3/16/17 1715		3/16/17 1715		Y/N Y/N Y/N Y/N	
Eric & Andrew 3/16/17 1610		Eric & Andrew 3/16/17 1610		3/16/17 1610		Y/N Y/N Y/N Y/N	
<b>SAMPLER NAME AND SIGNATURE</b> PRINT Name of SAMPLER: <b>Erica Klingfus</b> SIGNATURE OF SAMPLER: <i>Erica Klingfus</i> DATE Signed (MM/DD/YYYY): <b>3-15-17</b>							

ORIGINAL



**Air Sample Condition Upon Receipt**

Client Name: MSA  
 Project #: \_\_\_\_\_

**WO# : 10382064**  
  
 10382064

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

Tracking Number: \_\_\_\_\_

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

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

Temp. (TO17 and TO13 samples only) (°C): \_\_\_\_\_ Corrected Temp (°C): \_\_\_\_\_  
 Thermom. Used:  B88A912167504  B88A0143310098  151401163  151401164  
 Temp should be above freezing to 6°C Correction Factor: \_\_\_\_\_  
 Date & Initials of Person Examining Contents: DL 3/17/17

Type of ice Received  Blue  Wet  None

**Comments:**

Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name and/or Signature on COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72 hr)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Media: <u>Air Can</u> Airbag Filter TDT Passive		11.
Sample Labels Match COC?	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>NO ID on v-5</u>

Canisters			Canisters		
Sample Number	Can ID	Flow Controller ID	Sample Number	Can ID	Flow Controller ID
<u>8hr LB Basement</u>		<u>0619</u>	<u>VP-8</u>		<u>2818</u>
<u>8hr LB Storage</u>	<u>410</u>	<u>1049</u>	<u>V-5</u>		<u>2818</u>
<u>8hr LB Foyer</u>	<u>2150</u>	<u>6002</u>	<u>VC-1</u>		<u>617</u>
<u>VP-1</u>		<u>731</u>	<u>VC-2</u>		<u>690</u>
<u>VP-2</u>		<u>2831</u>	<u>VC-3</u>		<u>2810</u>
<u>VP-3</u>		<u>2828</u>	<u>unused</u>	<u>528</u>	<u>989</u>
<u>VP-4</u>		<u>1118</u>	<u>11</u>	<u>1534</u>	<u>1194</u>
<u>VP-5</u>		<u>955</u>	<u>11</u>	<u>792</u>	<u>1137</u>
<u>VP-6</u>		<u>1162</u>			
<u>VP-7</u>		<u>943</u>			

**CLIENT NOTIFICATION/RESOLUTION**

Field Data Required?  Yes  No

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

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

Project Manager Review: Shaun Davis Date: 3/17/17

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

**Attachment A.1**  
**GROUNDWATER RESULTS SUMMARY**  
**VOLATILE ORGANIC COMPOUNDS**  
 Laundry Basket  
 Luck, Wisconsin

	Qualifiers	State Program	GRO	DRO	Benzene	Ethylbenzene	Toluene	MTBE	TMBs	Xylenes	n-Butylbenzene	sec-Butylbenzene	tert-butylbenzene	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (MEK)	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	(PCE) Tetrachloroethene	(TCE) Trichloroethene	Vinyl Chloride
ES	--	--	--		<b>5</b>	<b>700</b>	<b>1000</b>	<b>60</b>	<b>480</b>	<b>10000</b>	--	--		<b>5</b>	<b>7</b>	<b>70</b>	<b>100</b>	--	--	<b>460</b>	<b>5</b>	<b>100</b>	--	<b>100</b>	<b>5</b>	<b>5</b>	<b>0.2</b>
PAL	--	--	--		0.5	140	200	12	96	1000	--	--		0.5	0.7	7	20	--	--	90	0.5	10	--	10	0.5	0.5	0.02
<b>MW-1</b>																											
13-Apr-06	Q	PECFA	13000		<b>260</b>	500	<b>2000</b>	<3.2	<b>1060</b>	2400	<2.4	10		<b>8.3</b>	<4.4	<b>91</b>	<0.32	49	14	<27		<b>220</b>	91	<2.7	<b>250</b>	<b>23</b>	<3.1
17-Aug-06	Q	PECFA	3700		<b>41</b>	100	150	<1.6	188	280	21	<1.4		<1.7	<2.2	<b>74</b>	<1.6	12	8.8	26		49	22	<1.3	<b>570</b>	<b>30</b>	<1.5
13-Dec-06	*	PECFA	NA		<b>20</b>	22	<50	<10	13	20	<10	<10		<10	<10	<b>220</b>	<10	<10	<10	NA		<50	<10	<10	<b>1400</b>	<b>100</b>	<10
2-May-07	Q	PECFA	NA		<b>44</b>	89	140	<3.2	108	200	<2.4	<2.8		<3.4	<4.4	<b>120</b>	<3.3	8.3	<2.9	<27		46	12	<2.7	<b>1400</b>	<b>52</b>	<3.1
28-Jan-08		PECFA	1500		<b>36</b>	42	38	16	46	61												26					
23-Apr-08		PECFA	2000		<b>52</b>	39	61	27	55	107												32					
14-May-08	Q	DERF	NA		<b>54</b>	57	130	<1.9	80	160	<2.3	<2.2		<2.7	<5.0	<b>260</b>	<3.0	5.4	4.1	<45	<3.0	25	6	<3.8	<b>3500</b>	<3.7	<2.7
27-Aug-08	Q	DERF	NA		<b>49</b>	64	100	<0.19	63	110	1.8	1.1		<0.27	<0.50	<b>360</b>	1.7	7.4	3.4	<4.5	<0.30	35	7.6	1.2	<b>4800</b>	<b>130</b>	<0.27
24-Nov-08	Q	DERF	NA		<b>40</b>	42	86	<19	43	100	<23	<22		<27	<0.50	<b>250</b>	<30	<19	<21	<450	<b>44</b>	36	<22	<38	<b>2900</b>	<b>140</b>	<27
14-Jul-09		DERF	NA		<b>110</b>	200	230	<19	211	380	<23	<22	<20	<27	<50	<b>390</b>	<30	19	<21	<450	<30	<b>220</b>	26	<38	<b>4100</b>	<b>140</b>	<27
02-Jun-11	J	DERF	NA	NA	<b>29</b>	33	57	<20	23	73	<8.0	<10	<8.0	<20	<20	<b>150</b>	<20	<8.0	<8.0		<40	15	<20	<20	<b>1700</b>	<b>28</b>	<8.0
18-Nov-11	J B	DERF	NA	NA	<b>59</b>	35	86	<10	28	85	<4.0	<5.0	<4.0	<10	<10	<b>520</b>	<10	12	<4.0		<20	22	<10	<10	<b>8400</b>	<b>340</b>	<4.0
13-Feb-12	J	DERF	NA	NA	<b>200</b>	150	470	<10	79	260	4.5	<5.0	<4.0	<10	<10	<b>400</b>	<10	25	<4.0		<20	89	22	<10	<b>4000</b>	<b>180</b>	<4.0
15-May-12		DERF	NA	NA	<b>151</b>	75.2	177	<20.0	45.6	154	<20.0	<20.0	<20.0	<20.0	<20.0	<b>259</b>	<20.0	<20.0	<20.0	<80.0	<80.0	<80.0	<20.0	<20.0	<b>1800</b>	<b>129</b>	<8.0
29-Aug-12		DERF	NA	NA	<b>120</b>	176	180	<20.0	169.8	334	<20.0	<20.0	<20.0	<20.0	<20.0	<b>380</b>	<20.0	21.3	<20.0	<80.0	<80.0	98.4	24.0	<20.0	<b>2660</b>	<b>108</b>	<8.0
07-Jan-13		DERF	NA	NA	<b>60</b>	94.5	83.2	<20.0	75.6	196	<20.0	<20.0	<20.0	<20.0	<20.0	<b>394</b>	<20.0	<20.0	<20.0	<80.0	<80.0	<80.0	<20.0	<20.0	<b>2200</b>	<b>122</b>	<8.0
31-Jul-13		DERF	NA	NA	<b>120</b>	120	253	<20.0	167.8	475	<20.0	<20.0	<20.0	<20.0	<20.0	<b>777</b>	<20.0	<20.0	<20.0	<100	<80.0	<80.0	<20.0	<20.0	<b>4810</b>	<b>305</b>	<8.0
27-Oct-13		DERF	NA	NA	<b>136</b>	62.7	113	<20.0	92.5	175	<20.0	<20.0	<20.0	<20.0	<20.0	<b>759</b>	<20.0	<20.0	<20.0	<100	<80.0	<80.0	<20.0	<20.0	<b>2210</b>	<b>216</b>	<8.0
26-Feb-14		DERF	NA	NA	<b>146</b>	148	576	<5.0	475	1360	<5.0	<5.0	<5.0	<5.0	<5.0	<b>358</b>	<5.0	14.8	7.2	<25.0	<20.0	26.8	17.9	<5.0	<b>422</b>	<b>39.0</b>	<2.0
27-May-14	***	DERF	NA	NA	<b>110</b>	68.3	226	<5.0	158	456	<2.0	2.2	<2.0	<2.0	<2.0	<b>171</b>	<2.0	7.6	3.3	<10.0	<8.0	36.1	7.1	<2.0	<b>141</b>	<b>10.0</b>	<2.0
11-Aug-14		DERF	NA	NA	<b>151</b>	72.4	155	<2.0	121	287	4.3	2.4	<2.0	<2.0	<2.0	<b>256</b>	<2.0	<2.0	<2.0	<10.0	<8.0	54.9	10.1	<2.0	<b>168</b>	<b>15.5</b>	<2.0
16-Jul-15		DERF	NA	NA	<b>125</b>	117	145	<0.20	192	433	3.1	2.5	<0.18	<0.17	1.9	<b>540</b>	1.0	10.6	4.9	<2.5	<0.56	45.8	15.6	1.7	<b>282</b>	<b>69.0</b>	<0.15
22-Oct-15	J	DERF	NA	NA	<b>62.1</b>	52.6	32.9	<0.87	129	199	3.8	<10.9	<0.90	<0.84	<2.1	<b>247</b>	<1.3	4.6	<2.5	<14.9	<1.2	30.1	6.4	<2.5	<b>134</b>	<b>21.5</b>	<0.88
28-Jun-16		DERF	NA	NA	<b>173</b>	89.7	47.5	<0.047	151.4	219	3.1	2.5	<0.051	<0.072	<0.055	<b>459</b>	2.0	13.4	4.1	<1.1	<0.097	51	13.6	1.8	<b>289</b>	<b>78.4</b>	<0.084
13-Sep-16	J	DERF	NA	NA	<b>56.8</b>	57.3	28	<0.15	58.1	106	1.6	1.4	<0.22	<0.17	1.4	<b>461</b>	3.0	6.5	1.7	<1.1	<0.29	16.70	8.7	1.2	<b>831</b>	<b>174</b>	0.24
13-Dec-16	J	DERF	NA	NA	<b>71</b>	77	57.7	<0.74	102.7	214	1.8	1.4	<1.1	<0.85	<1.4	<b>349</b>	1.4	7.6	2.6	<5.5	3.3	33.1	9.8	1.8	<b>1940</b>	<b>201</b>	<0.34
15-Mar-17	J	DERF	NA	NA	<b>85.6</b>	62.7	49.5	<0.74	97.2	186	2.2	2	1.1	<0.85	<1.4	<b>340</b>	<0.81	10.1	2.9	<5.5	<1.5	36.1	8.9	1.9	<b>727</b>	<b>101</b>	<0.34

**Attachment A.1**  
**GROUNDWATER RESULTS SUMMARY**  
**VOLATILE ORGANIC COMPOUNDS**  
 Laundry Basket  
 Luck, Wisconsin

	Qualifiers	State Program	GRO	DRO	Benzene	Ethylbenzene	Toluene	MTBE	TMBs	Xylenes	n-Butylbenzene	sec-Butylbenzene	tert-butylbenzene	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (MEK)	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	(PCE) Tetrachloroethene	(TCE) Trichloroethene	Vinyl Chloride	
ES	--	--	--		<b>5</b>	<b>700</b>	<b>1000</b>	<b>60</b>	<b>480</b>	<b>10000</b>	--	--		<b>5</b>	<b>7</b>	<b>70</b>	<b>100</b>	--	--	<b>460</b>	<b>5</b>	<b>100</b>	--	<b>100</b>	<b>5</b>	<b>5</b>	<b>0.2</b>	
PAL	--	--	--		0.5	140	200	12	96	1000	--	--		0.5	0.7	7	20	--	--	90	0.5	10	--	10	0.5	0.5	0.02	
<b>MW-2</b>																												
13-Apr-06	Q	PECFA	620		1.0	3.2	0.90	<0.32	7.9	15	<0.24	0.99		<0.34	<0.44	1.5	<0.33	7.2	0.51	<2.7		15	2.6	<0.27	<b>39</b>	2.4	<0.31	
17-Aug-06	Q	PECFA	1200		<0.31	1.8	7.1	<0.32	28.2	40	2.2	1.4		<0.34	<0.44	0.84	<10	13	1.1	<2.7		42	3.2	<0.27	<b>32</b>	2.7	<0.32	
13-Dec-06	*	PECFA	NA		1.8	<1.0	8.6	<1.0	10.1	16	2.2	1.9		<1.0	<1.0	2.7	<0.33	12	<1.0	NA		22	<1.0	<1.0	<b>51</b>	<b>6.4</b>	<1.0	
2-May-07	Q	PECFA	NA		<3.1	10	6.0	<3.2	14.5	34	1.3	1.5		<3.2	<0.44	<0.44	<0.33	11	1.6	<2.7		26	6.0	1.3	<b>51</b>	<b>6.6</b>	<0.31	
28-Jan-08		PECFA	<100		1.9	<0.5	<5.0	2.1	<2.0	0.51												<5.0						
23-Apr-08	*	PECFA	260		<b>7.2</b>	<0.16	2.2	9.6	0.44	1.16												2.1						
14-May-08	Q	DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22		<0.27	<0.5	<0.38	<0.30	0.31	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	<b>8.9</b>	0.38	<0.27	
27-Aug-08	Q	DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22		<0.27	<0.5	0.46	<0.30	<0.19	<0.21	<4.5	0.33	1.3	<0.22	<0.38	0.97	0.43	<0.27	
24-Nov-08	Q	DERF	NA		<0.29	0.9	17	<0.19	21	45	1.2	0.99		<0.27	<0.5	0.38	<0.30	8.8	3.4	<4.5	<0.30	26	2.2	<0.38	2.1	<0.37		
14-Jul-09		DERF	NA		<0.29	7.1	2.5	<0.19	9.0	10		1.4	<0.20	<0.27	<0.50	<0.38	<0.30	12	2.5	<4.5	<0.30	19	6.3	<0.38	<b>11</b>	<0.37	<0.27	
02-Jun-11	J	DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50	2.1	0.21	<0.20	
18-Nov-11	J	DERF	NA	NA	0.27	<0.50	<0.05	<0.05	1.8	2.7	0.49	0.55	<0.20	<0.50	<0.50	<0.50	<0.50	3.1	<0.20		<1.0	9.0	<0.50	<0.50	3.8	0.70	<0.20	
13-Feb-12	J	DERF	NA	NA	0.66	1.1	<0.05	<0.05	0.47	0.95	0.58	0.68	<0.20	<0.50	<0.50	1.5	<0.50	4.2	<0.20		<1.0	0.62	1.2	<0.50	<b>8.3</b>	3.1	<0.20	
15-May-12		DERF	NA	NA	<1.0	13.5	2.2	<1.0	<1.0	3.6	<1.0	1.1	<1.0	<1.0	<1.0	1.7	<1.0	7.7	<1.0	<4.0	<4.0	15.5	3.4	<1.0	<b>21.2</b>	3.8	<0.40	
28-Aug-12		DERF	NA	NA	<1.0	7.5	<1.0	<1.0	<1.0	5.0	1.1	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	7.3	<1.0	<4.0	<4.0	<4.0	1.5	<1.0	<b>16.7</b>	3.5	<0.40	
07-Jan-13		DERF	NA	NA	<1.0	<1.0	1.5	<1.0	10.4	12.1	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	7.0	<1.0	<4.0	<4.0	29.7	<1.0	<1.0	<b>1.8</b>	<1.0	<0.40	
31-Jul-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<b>7.7</b>	1.0	<0.40	
28-Oct-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<b>6.7</b>	0.94	<0.40	
26-Feb-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<1.0	<0.40	<0.40
27-May-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<b>6.6</b>	0.91	<0.40	
11-Aug-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	4.2	0.43	<0.40	
16-Jul-15	J	DERF	NA	NA	<0.21	<0.23	<0.13	<0.20	<0.16	<0.60	<0.083	<0.16	<0.18	<0.17	<0.22	1.1	<0.21	0.18	<0.16	<2.5	<0.56	<0.14	<0.21	<0.11	2.9	0.77	<0.15	
22-Oct-15	J	DERF	NA	NA	<0.50	<0.50	<0.50	<0.17	<0.50	<0.50	<0.50	<2.2	<0.18	<0.17	<0.41	0.32	<0.26	<0.14	<0.50	<3.0	<0.23	<2.5	<0.50	<0.50	0.79	<0.33	<0.18	
28-Jun-16		DERF	NA	NA	<0.042	<0.075	<0.059	<0.047	<0.11	<0.15	<0.16	<0.094	<0.051	<0.072	<0.069	<0.12	<0.15	<0.064	<0.064	<1.1	<0.097	<0.064	<0.049	<0.056	2.8	<0.051	<0.084	
13-Sep-16	J	DERF	NA	NA	<0.16	<0.15	0.33	<0.15	0.52	1.2	<0.16	<0.19	<0.22	<0.17	<0.28	<0.12	<0.16	0.49	<0.19	<1.1	<0.29	0.45	<0.23	<0.29	0.73	<0.20	<0.15	
13-Dec-16	J	DERF	NA	NA	0.27	<0.15	0.3	<0.15	5.0	1.4	1.3	1.1	<0.22	<0.17	<0.28	3.8	<0.16	5.2	0.23	<1.1	<0.29	10.8	<0.23	<0.29	<b>6.2</b>	2.0	<0.069	
15-Mar-17	J	DERF	NA	NA	<0.16	<0.15	0.39	<0.15	<0.45	<0.32	0.31	0.34	<0.22	<0.17	<0.28	3.4	<0.16	1.1	<0.19	<1.1	<0.29	0.55	<0.23	<0.29	3.4	1.1	<0.069	



**Attachment A.1**  
**GROUNDWATER RESULTS SUMMARY**  
**VOLATILE ORGANIC COMPOUNDS**  
 Laundry Basket  
 Luck, Wisconsin

	Qualifiers	State Program	GRO	DRO	Benzene	Ethylbenzene	Toluene	MTBE	TMBs	Xylenes	n-Butylbenzene	sec-Butylbenzene	tert-butylbenzene	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (MEK)	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	(PCE) Tetrachloroethene	(TCE) Trichloroethene	Vinyl Chloride
ES	--		--		5	700	1000	60	480	10000	--	--		5	7	70	100	--	--	460	5	100	--	100	5	5	0.2
PAL	--		--		0.5	140	200	12	96	1000	--	--		0.5	0.7	7	20	--	--	90	0.5	10	--	10	0.5	0.5	0.02
<b>MW-3</b>																											
13-Apr-06	Q	PECFA	<30		<0.31	<0.26	<0.32	<0.32	<0.76	<0.73	<0.24	<0.28		<0.34	<0.44	<0.44	<0.33	<0.31	<0.29	<2.7		3.3	<0.31	<0.27	4.4	<0.26	<0.31
17-Aug-06	Q	PECFA	<30		<0.31	<0.26	<0.32	<0.32	<0.76	<0.73	<0.24	<0.28		<0.34	<0.44	<0.44	<10	<0.31	<0.29	<2.7		<0.27	<0.31	<0.27	4.3	<0.26	<0.32
13-Dec-06	*	PECFA	NA		<1.0	<1.0	<5.0	<1.0	<2.0	<3.0	<1.0	<1.0		<1.0	<1.0	<1.0	<0.33	<1.0	<1.0	NA		<5.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-May-07	Q	PECFA	NA		<0.31	<0.26	<0.32	<0.32	<0.51	<0.73	<0.24	<0.28		<0.34	<0.44	<0.44	<0.33	<0.31	<0.29	<2.7		0.56	<0.31	<0.27	3.7	<0.26	<0.31
28-Jan-08		PECFA	<100		<0.5	<0.5	<5.0	<1.0	<2.0	<1.5												<5.0					
23-Apr-08	Q*	PECFA	<33		<0.16	<0.16	<1.6	<0.33	<0.66	<0.56												6.0					
14-May-08		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22		<0.31	<0.5	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	1.9	<0.37	<0.27
27-Aug-08	Q	DERF	NA	6800	<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22		<0.27	<0.5	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	0.37	<0.22	<0.38	1.8	<0.37	<0.27
24-Nov-08	Q	DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22		<0.27	<0.5	<0.38	<0.30	<0.19	<0.21	<4.5	1.6	2.5	<0.22	<0.38	<0.29	<0.37	<0.27
14-Jul-09		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.20	<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	2.3	<0.22	<0.38	2.1	<0.37	<0.27
02-Jun-11		DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50	7.6	<0.20	<0.20
18-Nov-11	J	DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50	0.67	<0.20	<0.20
13-Feb-12	J	DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	0.25	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20		<1.0	0.33	<0.50	<0.50	0.67	<0.20	<0.20
15-May-12		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0	7.0	<1.0	<0.40
28-Aug-12		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0	2.4	<1.0	<0.40
07-Jan-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.40
31-Jul-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	4.9	<0.40	<0.40
28-Oct-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	2.4	<0.40	<0.40
26-Feb-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<0.40	<0.40
27-May-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	3.0	<0.40	<0.40
11-Aug-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.1	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	2.6	<0.40	<0.40
16-Jul-15	J	DERF	NA	NA	<0.21	<0.23	<0.13	<0.20	<0.16	<0.60	<0.083	<0.16	<0.18	<0.17	<0.22	2.7	<0.21	<0.17	<0.16	<2.5	<0.56	0.20	<0.21	<0.11	1.2	0.17	<0.15
28-Jun-16	B	DERF	NA	NA	<0.042	<0.075	<0.059	<0.047	<0.11	<0.15	<0.16	<0.094	<0.051	<0.072	<0.069	<0.12	<0.15	<0.064	<0.064	<1.1	<0.097	<0.064	<0.049	<0.056	1.3	<0.051	<0.084

**Attachment A.1**  
**GROUNDWATER RESULTS SUMMARY**  
**VOLATILE ORGANIC COMPOUNDS**  
 Laundry Basket  
 Luck, Wisconsin

	Qualifiers	State Program	GRO	DRO	Benzene	Ethylbenzene	Toluene	MTBE	TMBs	Xylenes	n-Butylbenzene	sec-Butylbenzene	tert-butylbenzene	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (MEK)	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	(PCE) Tetrachloroethene	(TCE) Trichloroethene	Vinyl Chloride
ES	--		--		<b>5</b>	<b>700</b>	<b>1000</b>	<b>60</b>	<b>480</b>	<b>10000</b>	--	--		<b>5</b>	<b>7</b>	<b>70</b>	<b>100</b>	--	--	<b>460</b>	<b>5</b>	<b>100</b>	--	<b>100</b>	<b>5</b>	<b>5</b>	<b>0.2</b>
PAL	--		--		0.5	140	200	12	96	1000	--	--		0.5	0.7	7	20	--	--	90	0.5	10	--	10	0.5	0.5	0.02
<b>MW-4</b>																											
13-Apr-06	Q	PECFA	37		<0.31	<0.26	<0.32	<0.32	0.63	<0.73	<0.24	<0.28		<0.34	<0.44	<0.44	<0.33	<0.31	<0.29	<2.7		2.9	<0.31	<0.27	4.2	<0.26	<0.31
17-Aug-06	Q	PECFA	140		<0.31	<0.26	<0.32	<0.32	0.51	<0.73	1.7	1.1		<0.34	<0.44	0.76	<10	0.50	1.0	<2.7		0.61	1.2	<0.27	<b>40</b>	0.88	<0.32
13-Dec-06	*	PECFA	NA		<1.0	<1.0	<5.0	<1.0	<2.0	<3.0	<1.0	<1.0		<1.0	<1.0	<1.0	<0.33	<1.0	<1.0	NA		<5.0	<1.0	<1.0	<b>9.9</b>	<1.0	<1.0
2-May-07	Q	PECFA	NA		<0.31	<0.26	<0.32	<0.32	0.88	<0.73	<0.24	1		<0.34	<0.44	<0.44	<0.33	0.38	<0.29	<2.7		<0.27	1.1	<0.27	<b>23</b>	0.33	<0.31
28-Jan-08		PECFA	<100		<0.5	<0.5	<5.0	<1.0	<2.0	<1.5												<5.0					
23-Apr-08	Q*	PECFA	36		<0.16	<0.16	<1.6	<0.33	0.50	<0.49												2.2					
14-May-08	Q	DERF	NA		<0.29	<0.22	<0.27	<0.19	2.0	<0.86	0.41	0.58		<0.27	<0.5	1.8	<0.30	<0.19	0.69	<4.5	<0.30	1.8	0.85	<0.38	<b>64</b>	1.5	<0.27
27-Aug-08	Q	DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	0.76	0.96		<0.27	<0.5	<0.38	<0.30	0.37	0.32	<4.5	<0.30	0.87	0.84	<0.38	<b>19</b>	0.48	<0.27
24-Nov-08	Q	DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	0.44	0.59		<0.27	<0.5	<0.38	<0.30	0.19	0.21	<4.5	1.5	0.67	0.47	<0.38	<b>10</b>	<0.37	<0.27
23-Apr-09		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.20	<0.27	<0.5	1.3	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	<b>39</b>	1.1	<0.27
14-Jul-09		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	0.38	<0.20	<0.27	<0.50	0.94	<0.30	<0.19	<0.21	<4.5	<0.30	1.3	0.36	<0.38	<b>32</b>	0.85	<0.27
02-Jun-11		DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	5.1	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50	<b>43</b>	1.1	<0.20
18-Nov-11	B	DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50	<b>5.3</b>	<0.20	<0.20
13-Feb-12	J	DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50	<b>4.3</b>	<0.20	<0.20
15-May-12		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0	<b>16.5</b>	<1.0	<0.40
29-Aug-12		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0	<b>15.4</b>	<1.0	<0.40
07-Jan-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0	<b>1.8</b>	<1.0	<0.40
31-Jul-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<b>7.1</b>	<0.40	<0.40
28-Oct-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<b>7.8</b>	<0.40	<0.40
26-Feb-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<b>4.4</b>	<0.40	<0.40
27-May-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<b>3.0</b>	<0.40	<0.40
11-Aug-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<b>3.6</b>	<0.40	<0.40
16-Jul-15		DERF	NA	NA	<0.21	<0.23	<0.13	<0.20	<0.16	<0.60	<0.083	<0.16	<0.18	<0.17	<0.22	<0.25	<0.21	<0.17	<0.16	<2.5	<0.56	<0.14	<0.21	<0.11	<b>1.3</b>	<0.14	<0.15
28-Jun-16	B	DERF	NA	NA	<0.042	<0.075	<0.059	<0.047	<0.11	<0.15	<0.16	<0.094	<0.051	<0.072	<0.069	<0.12	<0.15	<0.064	<0.064	<1.1	<0.097	<0.064	<0.049	<0.056	<b>1.7</b>	<0.051	<0.084
<b>Dups</b>																											
14-Jul-09		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.20	<0.27	<0.50	1.0	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	<b>35</b>	1.0	0.27

**Attachment A.1**  
**GROUNDWATER RESULTS SUMMARY**  
**VOLATILE ORGANIC COMPOUNDS**  
 Laundry Basket  
 Luck, Wisconsin

	Qualifiers	State Program	GRO	DRO	Benzene	Ethylbenzene	Toluene	MTBE	TMBs	Xylenes	n-Butylbenzene	sec-Butylbenzene	tert-butylbenzene	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (MEK)	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	(PCE) Tetrachloroethene	(TCE) Trichloroethene	Vinyl Chloride
ES	--	--	--		<b>5</b>	<b>700</b>	<b>1000</b>	<b>60</b>	<b>480</b>	<b>10000</b>	--	--		<b>5</b>	<b>7</b>	<b>70</b>	<b>100</b>	--	--	<b>460</b>	<b>5</b>	<b>100</b>	--	<b>100</b>	<b>5</b>	<b>5</b>	<b>0.2</b>
PAL	--	--	--		0.5	140	200	12	96	1000	--	--		0.5	0.7	7	20	--	--	90	0.5	10	--	10	0.5	0.5	0.02
<b>MW-5</b>																											
13-Apr-06	Q	PECFA	8700		<b>15</b>	140	200	<6.3	299	630	10	9.2		<6.8	<b>&lt;8.8</b>	<b>71</b>	<6.5	29	14	<54		<b>120</b>	33	<5.4	<b>440</b>	<b>25</b>	<6.1
17-Aug-06	Q	PECFA	3000		<b>8.6</b>	28	37	<3.2	163	290	18	7.8		<3.4	<4.4	<b>85</b>	<3.3	19	20	56		<b>100</b>	15	<2.7	<b>1500</b>	<b>34</b>	<3.1
13-Dec-06	*	PECFA	NA		<b>&lt;20</b>	<20	<100	<20	<40	<60	<20	<20		<20	<b>&lt;20</b>	26	<20	<20	<20	NA		<b>&lt;100</b>	<20	<20	<b>500</b>	<b>&lt;20</b>	<20
2-May-07	Q	PECFA	NA		3.0	9.5	18	<1.6	28.9	84	<1.2	<1.4		<1.6	<2.2	<b>74</b>	<1.6	3.4	<1.4	<13		15	2.6	<1.3	<b>560</b>	<b>24</b>	<1.5
28-Jan-08		PECFA	480		0.8	4.6	<5.0	<1.0	37.2	55												28					
23-Apr-08	Q*	PECFA	60000		<b>39</b>	<b>350</b>	160	24	<b>1210</b>	1030												<b>210</b>					
14-May-08	Q	DERF	NA		3.3	7.5	32	<0.19	56	97	2.8	<2.2		<2.7	<5.0	65	<3.0	3.0	4.1	<45	<3.0	19	3.2	<3.8	<b>290</b>	<b>19</b>	<2.7
27-Aug-08	Q	DERF	NA	6800	<b>21</b>	49	120	<3.9	363	430	19	10		5.5	<9.9	<b>73</b>	<6.0	20	41	<91	<5.9	74	24	<7.6	<b>310</b>	<7.4	<5.5
24-Nov-08	Q	DERF	NA		<1.4	1.5	3.3	<0.96	11.2	18	<1.1	<1.1	1.1	<1.4	<2.5	47	<1.5	1.2	1.4	<23	<b>8.9</b>	4.7	<1.1	<1.9	<b>410</b>	<1.8	<1.4
14-Jul-09		DERF	NA		<b>18</b>	17	77	<0.96	121	250	4.0	3.6	<0.98	<1.4	<2.5	<b>93</b>	<1.5	13	15	<23	<1.5	49	8.4	<1.9	<b>470</b>	<b>27</b>	<1.4
02-Jun-11	J	DERF	NA	NA	4.6	11	27	<2.0	63	120	4.8	2.4	<0.80	<2.0	<2.0	53	<2.0	7.4	2.8		<4.0	36	5.1	<2.0	<b>370</b>	<b>25</b>	<0.80
18-Nov-11	J	DERF	NA	NA	4.8	26	48	<2.5	337	490	18	7.7	<1.0	<2.5	<2.5	58	<2.5	14	17		<5.0	<b>100</b>	14	<2.5	<b>400</b>	<b>26</b>	<1.0
13-Feb-12	J	DERF	NA	NA	2.6	2.7	10	<2.0	66	79	<0.80	1.6	<0.80	<2.0	<2.0	<b>100</b>	<2.0	5.6	4.3		<4.0	29	2.5	<2.0	<b>470</b>	<b>33</b>	<0.80
15-May-12		DERF	NA	NA	<2.0	2.4	5.9	<2.0	41.0	56.1	<2.0	<2.0	<2.0	<2.0	<2.0	<b>50.9</b>	<2.0	4.0	2.2	<8.0	<8.0	18.5	<2.0	<2.0	<b>269</b>	<b>20.0</b>	<0.80
29-Aug-12		DERF	NA	NA	<b>10.5</b>	46.4	93.1	<2.0	499	790	8.7	10.4	<2.0	<2.0	<2.0	<b>117</b>	<2.0	18.6	27.0	<8.0	<8.0	73.3	16.8	2.2	<b>255</b>	<b>25.7</b>	<0.80
07-Jan-13		DERF	NA	NA	<1.0	2.2	2.8	<1.0	57.8	39.6	2.2	1.9	<1.0	<1.0	<1.0	<b>128</b>	<1.0	1.8	7.2	<4.0	<4.0	6.8	1.4	<1.0	<b>235</b>	<b>17.2</b>	<0.40
31-Jul-13		DERF	NA	NA	<b>5.5</b>	10.7	43.2	<2.0	233.0	216	5.5	6.1	<2.0	<2.0	<2.0	50.4	<2.0	5.0	31.9	156	<8.0	29.4	4.0	<2.0	<b>100</b>	<b>10.0</b>	<0.80
27-Oct-13		DERF	NA	NA	<1.0	8.8	14.5	<1.0	46.7	46.1	<1.0	<1.0	<1.0	<1.0	<1.0	39.9	<1.0	2.7	7.6	<5.0	<4.0	13.6	1.8	<1.0	<b>113</b>	<b>12.4</b>	<0.40
26-Feb-14		DERF	NA	NA	<1.0	4.9	8.0	<1.0	21.4	29.2	<1.0	<1.0	<1.0	<1.0	<1.0	23.6	<1.0	1.5	2.5	<5.0	<4.0	8.1	1.2	<1.0	<b>116</b>	<b>10.5</b>	<0.40
27-May-14	***	DERF	NA	NA	4.0	13.4	31.6	<1.0	172	195	<1.0	5.8	<1.0	<1.0	<1.0	52.8	<1.0	5.3	18.3	<5.0	<4.0	22.1	4.7	<1.0	<b>87.1</b>	<b>14.7</b>	<0.40
11-Aug-14	****	DERF	NA	NA	1.4	7.3	14.2	<1.0	92.9	83.0	4.7	3.9	<1.0	<1.0	<1.0	<b>71.6</b>	<1.0	3.4	11.9	<5.0	<4.0	16.8	<1.0	<1.0	<b>86.6</b>	<b>17.1</b>	<0.40
16-Jul-15	J	DERF	NA	NA	0.31	5.0	4.1	<0.20	18.2	19.4	0.53	0.58	<0.18	<0.17	<0.22	<b>95.4</b>	0.25	1.8	1.7	<2.5	<0.56	9.0	1.5	0.17	<b>72.4</b>	<b>15.0</b>	<0.15
22-Oct-15	J	DERF	NA	NA	<0.50	5.0	5.5	<0.17	17.1	18.0	1.1	<2.2	<0.18	<0.17	<0.41	<b>112</b>	0.39	1.5	1	<3.0	<0.23	7.3	1.3	<0.50	<b>64.6</b>	<b>10.5</b>	<0.18
28-Jun-16	B	DERF	NA	NA	2.8	19.4	34.0	<0.047	127.3	118	4.5	<0.094	<0.051	<0.072	<0.069	<b>260</b>	<0.15	4.7	20.2	17.7	<0.097	24.2	3.9	<0.056	<b>89.2</b>	<b>21.3</b>	<0.084
13-Sep-16	J	DERF	NA	NA	0.18	2.5	1.5	<0.15	26.0	17.7	0.94	0.90	<0.22	<0.17	<0.28	52.90	0.21	1.5	2.4	<1.1	<0.29	7.9	1.7	<0.29	<b>59</b>	<b>7.4</b>	<0.15
13-Dec-16	J	DERF	NA	NA	<0.16	4.0	2.2	<0.15	52.1	44.9	1.3	1.2	<0.22	<0.17	<0.28	63.9	0.25	1.8	5.3	<1.1	<0.29	10	1.6	<0.29	<b>56</b>	<b>7.8</b>	<0.069
15-Mar-17		DERF	NA	NA	<0.16	6.9	3.7	<0.15	36.0	31.4	1.4	1.4	<0.22	<0.17	<0.28	52.3	<0.16	2.9	4.1	<1.1	<0.29	10	3.1	<0.29	<b>92.1</b>	<b>10.5</b>	<0.069

**Attachment A.1**  
**GROUNDWATER RESULTS SUMMARY**  
**VOLATILE ORGANIC COMPOUNDS**  
 Laundry Basket  
 Luck, Wisconsin

	Qualifiers	State Program	GRO	DRO	Benzene	Ethylbenzene	Toluene	MTBE	TMBs	Xylenes	n-Butylbenzene	sec-Butylbenzene	tert-butylbenzene	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (MEK)	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	(PCE) Tetrachloroethene	(TCE) Trichloroethene	Vinyl Chloride
ES	--		--		<b>5</b>	<b>700</b>	<b>1000</b>	<b>60</b>	<b>480</b>	<b>10000</b>	--	--		<b>5</b>	<b>7</b>	<b>70</b>	<b>100</b>	--	--	<b>460</b>	<b>5</b>	<b>100</b>	--	<b>100</b>	<b>5</b>	<b>5</b>	<b>0.2</b>
PAL	--		--		0.5	140	200	12	96	1000	--	--		0.5	0.7	7	20	--	--	90	0.5	10	--	10	0.5	0.5	0.02
<b>MW-6</b>																											
28-Jan-08	Q	PECFA	NA		<b>5.6</b>	<0.22	<0.27	<0.19	<0.62	1.6	0.67	1.2		<0.27	<0.5	<b>350</b>	<0.3	4.9	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	<b>1200</b>	<b>160</b>	<0.27
23-Apr-08		PECFA	310		2.2	<0.16	<1.6	5.7	<0.66	<0.49												<1.6					
14-May-08	Q	DERF	NA		4.6	<2.2	<2.7	<1.9	<0.62	<8.6	<2.3	<2.2		<2.7	<5.0	<b>600</b>	<3.0	<1.9	<2.1	<45	<b>5.9</b>	<0.17	<2.2	<3.8	<b>1300</b>	<b>200</b>	<0.27
27-Aug-08	Q	DERF	NA		3.0	<0.22	<0.27	<0.19	<0.62	<0.86	0.45	0.78		<0.27	<0.50	<b>520</b>	0.62	2.9	0.38	<4.5	<0.30	0.37	<0.22	<0.38	<b>1400</b>	<b>280</b>	<0.27
24-Nov-08	Q	DERF	NA		<5.8	<4.4	<5.4	<3.9	<12.3	<17	<4.5	<4.4	<3.9	<5.5	<9.9	<b>520</b>	<6.0	<3.8	<4.3	<91	<b>40</b>	4	<4.4	<7.6	<b>1200</b>	<b>250</b>	<5.5
23-Apr-09		DERF	NA		<1.4	<1.1	<1.3	<0.96	<3.07	<4.3	<1.1	<1.1	<0.98	<1.4	<2.5	<b>290</b>	<1.5	<0.94	<1.1	<23	<1.5	<0.84	<1.1	<1.9	<b>660</b>	<b>110</b>	<1.4
14-Jul-09		DERF	NA		<1.4	<1.1	<1.3	<0.96	1.2	<4.3	<1.1	<1.1	<0.98	<1.4	<2.5	<b>130</b>	<1.5	<0.94	<1.1	<23	<1.5	12	<1.1	<1.9	<b>230</b>	<b>50</b>	<1.4
02-Jun-11		DERF	NA	NA	<2.0	<5.0	<5.0	<5.0	<0.20	<5.0	<2.0	<2.5	<2.0	<5.0	<5.0	<b>190</b>	<5.0	<2.0	<2.0		<10	<2.5	<5.0	<5.0	<b>830</b>	<b>98</b>	<2.0
18-Nov-11	J	DERF	NA	NA	2.5	<5.0	<5.0	<5.0	<0.20	<5.0	<2.0	<2.5	<2.0	<5.0	<5.0	<b>310</b>	<5.0	<2.0	<2.0		<10	<2.5	<5.0	<5.0	<b>1100</b>	<b>210</b>	<2.0
13-Feb-12		DERF	NA	NA	<4.0	<10	<10	<10	<4.0	<10	<4.0	<5.0	<4.0	<10	<10	<b>420</b>	<10	<4.0	<4.0		<20	<5.0	<10	<10	<b>2000</b>	<b>220</b>	<4.0
15-May-12		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<b>307</b>	<1.0	<1.0	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0	<b>1530</b>	<b>249</b>	<0.40
29-Aug-12		DERF	NA	NA	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<b>141</b>	<2.0	<2.0	<2.0	<8.0	<8.0	<2.0	<2.0	<2.0	<b>628</b>	<b>105</b>	<0.80
07-Jan-13		DERF	NA	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<b>155</b>	<5.0	<5.0	<5.0	<20.0	<20.0	<5.0	<5.0	<5.0	<b>424</b>	<b>154</b>	<2.0
31-Jul-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<b>141</b>	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<b>211</b>	<b>90.4</b>	<0.40
27-Oct-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<b>137</b>	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<b>196</b>	<b>83.7</b>	<0.40
26-Feb-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<b>186</b>	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<b>174</b>	<b>69.4</b>	<0.40
27-May-14		DERF	NA	NA	<2.0	<2.0	<2.0	<2.0	<2.0	<6.0	<2.0	<2.0	<2.0	<2.0	<2.0	<b>188</b>	<2.0	<2.0	<2.0	<10.0	<8.0	<8.0	<2.0	<2.0	<b>489</b>	<b>90.5</b>	<0.80
11-Aug-14		DERF	NA	NA	<2.0	<2.0	<2.0	<2.0	<2.0	<6.0	<2.0	<2.0	<2.0	<2.0	<2.0	<b>156</b>	<2.0	<2.0	<2.0	<10.0	<8.0	<8.0	<2.0	<2.0	<b>309</b>	<b>98.6</b>	<0.80
16-Jul-15	J	DERF	NA	NA	0.88	<0.23	<0.13	<0.20	0.18	<0.60	0.47	0.81	<0.18	<0.17	<0.22	<b>120</b>	0.41	0.36	<0.16	<2.5	<0.56	1.6	<0.21	<0.11	<b>193</b>	<b>89.1</b>	<0.15
22-Oct-15	J	DERF	NA	NA	<0.50	<0.50	<0.50	<0.17	<0.50	<0.50	<0.50	<2.2	<0.18	<0.17	<0.41	<b>129</b>	0.53	0.68	<0.50	<3.0	<0.23	<2.5	<0.50	<0.50	<b>138</b>	<b>69.7</b>	<0.18
28-Jun-16	B	DERF	NA	NA	<0.042	<0.075	<0.059	<0.047	<0.11	<0.15	<0.16	<0.094	<0.051	<0.072	<0.069	<b>156</b>	<0.15	1.1	<0.064	<1.1	<0.097	<0.064	<0.049	<0.056	<b>124</b>	<b>51.7</b>	<0.084
13-Sep-16	J	DERF	NA	NA	0.90	<0.15	<0.14	<0.15	0.22	<0.32	0.63	0.93	<0.22	<0.17	<0.28	<b>118</b>	0.40	1.0	<0.19	<1.1	<0.29	1.0	<0.23	<0.29	<b>121</b>	<b>39.4</b>	<0.15
12-Dec-16	J	DERF	NA	NA	0.29	<0.15	<0.14	<0.15	<0.45	<0.32	0.66	0.98	<0.22	<0.17	<0.28	<b>106</b>	0.35	0.84	<0.19	<1.1	<0.29	<0.20	<0.23	<0.29	<b>161</b>	<b>88</b>	<0.069
15-Mar-17		DERF	NA	NA	<0.16	<0.15	<0.14	<0.15	<0.45	<0.32	<0.16	<0.19	<0.22	<0.17	<0.28	50.1	<0.16	<0.25	<0.19	<1.1	<0.29	<0.20	<0.23	<0.29	<b>54</b>	<b>17</b>	<0.069

**Attachment A.1**  
**GROUNDWATER RESULTS SUMMARY**  
**VOLATILE ORGANIC COMPOUNDS**  
 Laundry Basket  
 Luck, Wisconsin

	Qualifiers	State Program	GRO	DRO	Benzene	Ethylbenzene	Toluene	MTBE	TMBs	Xylenes	n-Butylbenzene	sec-Butylbenzene	tert-butylbenzene	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (MEK)	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	(PCE) Tetrachloroethene	(TCE) Trichloroethene	Vinyl Chloride
ES	--		--		5	700	1000	60	480	10000	--	--		5	7	70	100	--	--	460	5	100	--	100	5	5	0.2
PAL	--		--		0.5	140	200	12	96	1000	--	--		0.5	0.7	7	20	--	--	90	0.5	10	--	10	0.5	0.5	0.02
<b>MW-7</b>																											
14-May-08	Q	DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22		<0.27	<0.50	0.96	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	6	1.1	<0.27
27-Aug-08	Q	DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22		<0.27	<0.50	1.8	<0.30	<0.19	<0.21	<4.5	0.31	<0.17	<0.22	<0.38	9	2.3	<0.27
24-Nov-08	Q	DERF	NA		<0.29	<0.22	<0.16	<0.19	<0.62	<0.86	<0.23	<0.22	<0.2	<0.27	<0.50	2.4	<0.30	<0.19	<0.21	<4.5	1.6	<0.17	<0.22	<0.38	13	3.5	<0.27
23-Apr-09		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.20	<0.27	<0.50	3.8	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	0.38	19	4.9	<0.27
14-Jul-09		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.20	<0.27	<0.50	0.85	<0.30	<0.19	<0.21	<4.5	<0.30	0.66	<0.22	<0.38	5.3	1.1	<0.27
02-Jun-11		DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50	<0.50	<0.20	<0.20
18-Nov-11	J	DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	0.51	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50	3.7	1.2	<0.20
13-Feb-12	J	DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	0.50	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50	4.1	1.3	<0.20
15-May-12		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0	2.1	<1.0	<0.40
29-Aug-12		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0	1.7	<1.0	<0.40
07-Jan-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0	3.7	1.6	<0.40
31-Jul-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<0.40	<0.40
27-Oct-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<0.40	<0.40
26-Feb-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	1.2	0.59	<0.40
27-May-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<0.40	<0.40
11-Aug-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	0.45	<0.40
16-Jul-15	J	DERF	NA	NA	0.91	<0.23	<0.13	<0.20	<0.16	<0.60	<0.21	<0.16	<0.18	<0.17	<0.22	0.44	<0.21	0.20	<0.16	<2.5	<0.56	<0.14	<0.21	<0.11	0.79	0.67	<0.15
22-Oct-15	J	DERF	NA	NA	0.78	<0.50	<0.50	<0.17	<0.50	<0.50	<0.50	<2.2	<0.18	<0.17	<0.41	<0.26	<0.26	0.21	<0.50	<3.0	<0.23	<2.5	<0.50	<0.50	0.58	0.36	<0.18
28-Jun-16	B	DERF	NA	NA	<0.042	<0.075	<0.059	<0.047	<0.11	<0.15	<0.16	<0.094	<0.051	<0.072	<0.069	<0.12	<0.15	<0.064	<0.064	<1.1	<0.097	<0.064	<0.049	<0.056	<0.13	<0.051	<0.084
13-Sep-16	J	DERF	NA	NA	0.92	<0.15	<0.14	<0.15	<0.45	<0.32	<0.16	<0.19	<0.22	<0.17	<0.28	0.15	<0.16	0.53	<0.19	<1.1	<0.29	<0.20	<0.23	<0.29	0.81	0.37	<0.15
12-Dec-16	J	DERF	NA	NA	0.39	<0.15	<0.14	<0.15	<0.45	<0.32	<0.16	<0.19	<0.22	<0.17	<0.28	0.51	<0.16	<0.25	<0.19	<1.1	<0.29	<0.20	<0.23	<0.29	0.58	0.56	<0.069
15-Mar-17	J	DERF	NA	NA	0.16	<0.15	<0.14	<0.15	<0.45	<0.32	<0.16	<0.19	<0.22	<0.17	<0.28	<0.12	<0.16	<0.25	<0.19	<1.1	<0.29	<0.20	<0.23	<0.29	2.3	1.4	<0.069

**Attachment A.1**  
**GROUNDWATER RESULTS SUMMARY**  
**VOLATILE ORGANIC COMPOUNDS**  
 Laundry Basket  
 Luck, Wisconsin

	Qualifiers	State Program	GRO	DRO	Benzene	Ethylbenzene	Toluene	MTBE	TMBs	Xylenes	n-Butylbenzene	sec-Butylbenzene	tert-butylbenzene	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (MEK)	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	(PCE) Tetrachloroethene	(TCE) Trichloroethene	Vinyl Chloride
ES	--	--	--	--	5	700	1000	60	480	10000	--	--	5	7	70	100	--	--	460	5	100	--	100	5	5	0.2	
PAL	--	--	--	--	0.5	140	200	12	96	1000	--	--	0.5	0.7	7	20	--	--	90	0.5	10	--	10	0.5	0.5	0.02	
<b>MW-8</b>																											
15-May-08		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22		<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	<0.29	<0.37	<0.27
27-Aug-08	Q	DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22		<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	0.47	<0.37	<0.27
24-Nov-08	Q	DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.20	<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	1.8	<0.17	<0.22	<0.38	<0.29	<0.37	<0.27
14-Jul-09		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.20	<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	0.34	<0.22	<0.38	<0.29	<0.37	<0.27
02-Jun-11		DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50	<0.50	<0.20	<0.20
31-Jul-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<0.40	<0.40
27-May-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<0.40	<0.40
16-Jul-15		DERF	NA	NA	<0.21	<0.23	<0.13	<0.20	<0.16	<0.60	<0.083	<0.16	<0.18	<0.17	<0.22	<0.25	<0.21	<0.17	<0.16	<2.5	<0.56	<0.14	<0.21	<0.11	<0.19	<0.14	<0.15
28-Jun-16	B	DERF	NA	NA	<0.042	<0.075	<0.059	<0.047	<0.11	<0.15	<0.16	<0.094	<0.051	<0.072	<0.069	<0.12	<0.15	<0.064	<0.064	<1.1	<0.097	<0.064	<0.049	<0.056	<0.13	<0.051	<0.084
<b>MW-9</b>																											
23-Apr-09		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.20	<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	<0.29	<0.37	<0.27
14-Jul-09		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.20	<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	4.5	<0.30	<0.17	<0.22	<0.38	<0.29	<0.37	<0.27
02-Jun-11		DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50	<0.50	<0.20	<0.20
31-Jul-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<0.40	<0.40
27-May-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<0.40	<0.40
16-Jul-15		DERF	NA	NA	<0.21	<0.23	<0.13	<0.20	<0.16	<0.60	<0.083	<0.16	<0.18	<0.17	<0.22	<0.25	<0.21	<0.17	<0.16	<2.5	<0.56	<0.14	<0.21	<0.11	<0.19	<0.14	<0.15
<b>MW-10</b>																											
23-Apr-09		DERF	NA		0.48	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	0.32	<0.20	<0.27	<0.50	3.9	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	<b>6.9</b>	1.5	<0.27
14-Jul-09		DERF	NA		0.32	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	0.52	<0.20	<0.27	<0.50	1.7	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	3.8	0.87	<0.27
02-Jun-11		DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50	<0.50	<0.20	<0.20
31-Jul-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	20.4	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<b>85.9</b>	<b>20.6</b>	<0.40
27-Oct-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	7.4	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<b>39.1</b>	<b>8.8</b>	<3.0
27-May-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<0.40	<3.0
16-Jul-15		DERF	NA	NA	<0.21	<0.23	<0.13	<0.20	<0.16	<0.60	<0.083	<0.16	<0.18	<0.17	<0.22	0.43	<0.21	<0.17	<0.16	<2.5	<0.56	<0.14	<0.21	<0.11	2.6	0.52	<0.15
22-Oct-15		DERF	NA	NA	<0.50	<0.50	<0.50	<0.17	<0.50	<0.50	<0.50	<2.2	<0.18	<0.17	<0.41	6.1	<0.26	<0.14	<0.50	<3.0	<0.23	<2.5	<0.50	<0.50	<b>20</b>	<b>6.0</b>	<0.18
28-Jun-16	B	DERF	NA	NA	<0.042	<0.075	<0.059	<0.047	<0.11	<0.15	<0.16	<0.094	<0.051	<0.072	<0.069	1.5	<0.15	<0.064	<0.064	<1.1	<0.097	<0.064	<0.049	<0.056	3.7	1.3	<0.084
13-Sep-16	J	DERF	NA	NA	<0.16	<0.15	<0.14	<0.15	<0.45	<0.32	<0.16	<0.19	<0.22	<0.17	<0.28	<0.12	<0.16	<0.25	<0.19	<1.1	<0.29	<0.20	<0.23	<0.29	0.98	<0.20	<0.15
12-Dec-16	J	DERF	NA	NA	<0.16	<0.15	<0.14	<0.15	<0.45	<0.32	<0.16	<0.19	<0.22	<0.17	<0.28	0.73	<0.16	<0.25	<0.19	<1.1	<0.29	<0.20	<0.23	<0.29	1.9	0.50	<0.069
15-Mar-17		DERF	NA	NA	<0.16	<0.15	<0.14	<0.15	<0.45	<0.32	<0.16	<0.19	<0.22	<0.17	<0.28	18	<0.16	<0.25	<0.19	<1.1	<0.29	<0.20	<0.23	<0.29	<b>39.3</b>	<b>11.40</b>	<0.069

**Attachment A.1**  
**GROUNDWATER RESULTS SUMMARY**  
**VOLATILE ORGANIC COMPOUNDS**  
 Laundry Basket  
 Luck, Wisconsin

	Qualifiers	State Program	GRO	DRO	Benzene	Ethylbenzene	Toluene	MTBE	TMBs	Xylenes	n-Butylbenzene	sec-Butylbenzene	tert-butylbenzene	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (MEK)	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	(PCE) Tetrachloroethene	(TCE) Trichloroethene	Vinyl Chloride
ES	--		--		5	700	1000	60	480	10000	--	--		5	7	70	100	--	--	460	5	100	--	100	5	5	0.2
PAL	--		--		0.5	140	200	12	96	1000	--	--		0.5	0.7	7	20	--	--	90	0.5	10	--	10	0.5	0.5	0.02
<b>MW-11</b>																											
23-Apr-09		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.23	<0.20	<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	<0.29	<0.37	<0.27
14-Jul-09		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.20	<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	<0.29	<0.37	<0.27
02-Jun-11		DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	46	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50	69	12	<0.20
18-Nov-11	J	DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	0.90	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50	<0.50	<0.20	<0.20
13-Feb-12		DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	0.90	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50	<0.50	<0.20	<0.20
31-Jul-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<0.40	<0.40
27-May-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<0.40	<0.40
<b>MW-12</b>																											
16-Jul-15		DERF	NA	NA	<0.21	<0.23	<0.13	<0.20	<0.16	<0.60	<0.083	<0.16	<0.18	<0.17	<0.22	<0.25	<0.21	<0.17	<0.16	<2.5	<0.56	<0.14	<0.21	<0.11	<0.19	<0.14	<0.15
22-Oct-15		DERF	NA	NA	<0.50	<0.50	<0.50	<0.17	<0.50	<0.50	<0.50	<2.2	<0.18	<0.17	<0.41	<0.26	<0.26	<0.14	<0.50	<3.0	<0.23	<2.5	<0.50	<0.50	<0.50	<0.33	<0.18
28-Jun-16	B	DERF	NA	NA	<0.042	<0.075	<0.059	<0.047	<0.11	<0.15	<0.16	<0.094	<0.051	<0.072	<0.069	<0.12	<0.15	<0.064	<0.064	<1.1	<0.097	<0.064	<0.049	<0.056	<0.13	<0.051	<0.084
<b>MW-13</b>																											
16-Jul-15		DERF	NA	NA	<0.21	<0.23	<0.13	<0.20	<0.16	<0.60	<0.083	<0.16	<0.18	<0.17	<0.22	<0.25	<0.21	<0.17	<0.16	<2.5	<0.56	<0.14	<0.21	<0.11	<0.19	<0.14	<0.15
22-Oct-15		DERF	NA	NA	<0.50	<0.50	<0.50	<0.17	<0.50	<0.50	<0.50	<2.2	<0.18	<0.17	<0.41	<0.26	<0.26	<0.14	<0.50	<3.0	<0.23	<2.5	<0.50	<0.50	<0.50	<0.33	<0.18
28-Jun-16	B	DERF	NA	NA	<0.042	<0.075	<0.059	<0.047	<0.11	<0.15	<0.16	<0.094	<0.051	<0.072	<0.069	<0.12	<0.15	<0.064	<0.064	<1.1	<0.097	<0.064	<0.049	<0.056	<0.13	<0.051	<0.084
<b>MW-14</b>																											
28-Jun-16		DERF	NA	NA	<0.042	<0.075	<0.059	<0.047	<0.11	<0.15	<0.16	<0.094	<0.051	<0.072	<0.069	<0.12	<0.15	<0.064	<0.064	<1.1	<0.097	<0.064	<0.049	<0.056	<0.13	<0.051	<0.084
13-Sep-16		DERF	NA	NA	<0.16	<0.15	<0.14	<0.15	<0.45	<0.32	<0.16	<0.19	<0.22	<0.17	<0.28	<0.12	<0.16	<0.25	<0.19	<1.1	<0.29	<0.20	<0.23	<0.29	<0.25	<0.20	<0.15
12-Dec-16		UNABLE TO SAMPLE - BENTONITE FROZEN OVER TOP OF WELL CASING/CAP																									
15-Mar-17		UNABLE TO SAMPLE - BENTONITE FROZEN OVER TOP OF WELL CASING/CAP																									

**Attachment A.1**  
**GROUNDWATER RESULTS SUMMARY**  
**VOLATILE ORGANIC COMPOUNDS**  
 Laundry Basket  
 Luck, Wisconsin

	Qualifiers	State Program	GRO	DRO	Benzene	Ethylbenzene	Toluene	MTBE	TMBs	Xylenes	n-Butylbenzene	sec-Butylbenzene	tert-butylbenzene	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (MEK)	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	(PCE) Tetrachloroethene	(TCE) Trichloroethene	Vinyl Chloride
ES	--		--		5	700	1000	60	480	10000	--	--		5	7	70	100	--	--	460	5	100	--	100	5	5	0.2
PAL	--		--		0.5	140	200	12	96	1000	--	--		0.5	0.7	7	20	--	--	90	0.5	10	--	10	0.5	0.5	0.02
<b>PZ-1</b>																											
13-Apr-06	Q	PECFA	330		<0.31	1.6	<3.2	<0.32	10.0	3.4	0.52	<0.28		<0.34	<0.44	0.96	<0.33	0.74	0.79	<2.7		18	1.1	<0.27	3.3	<0.26	<0.31
17-Aug-06	Q	PECFA	NA		<0.31	<0.26	<0.32	<0.32	<0.51	<0.73	<0.24	<0.28		<0.34	<0.44	<0.44	<10	<0.31	<0.29	<2.7		<0.27	<0.31	<0.27	<0.43	<0.26	<0.32
13-Dec-06	*	PECFA	NA		<1.0	<1.0	<5.0	<1.0	<2.0	<3.0	<1.0	<1.0		<1.0	<1.0	<1.0	<0.33	<1.0	<1.0	NA		<5.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-May-07	Q	PECFA	NA		<0.31	<0.26	<0.32	<0.32	<0.51	<0.73	<0.24	<0.28		<0.34	<0.44	<0.44	<0.33	<0.31	<0.29	<2.7		<0.27	<0.31	<0.27	<0.43	<0.26	<0.31
28-Jan-08		PECFA	<100		<0.5	<0.5	<5.0	<1.0	<2.0	<1.5												<5.0					
23-Apr-08		PECFA	<33		<0.16	<0.16	<1.6	<0.33	<0.66	<0.49												<1.6					
14-May-08	Q	DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22		<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	2.3	<0.17	<0.22	<0.38	<0.29	<0.37	<0.27
27-Aug-08	Q	DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22		<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	0.32	<0.37	<0.27
24-Nov-08	Q	DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.2	<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	0.4	<0.17	<0.22	<0.38	<0.29	<0.37	<0.27
14-Jul-09		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.20	<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	<0.29	<0.37	<0.27
02-Jun-11		DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50	<0.50	<0.20	<0.20
18-Nov-11		DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50	<0.50	<0.20	<0.20
13-Feb-12		DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50	<0.50	<0.20	<0.20
15-May-12		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.40
28-Aug-12		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.40
07-Jan-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.40
31-Jul-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<0.40	<0.40
27-May-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<0.40	<0.40
16-Jul-15	J	DERF	NA	NA	<0.21	0.52	0.63	<0.20	3.3	2.4	0.12	<0.16	<0.18	<0.17	<0.22	<0.25	<0.21	<0.17	<0.16	<2.5	<0.56	0.24	<0.21	<0.11	<0.19	<0.14	<0.15
28-Jun-16	B	DERF	NA	NA	<0.042	<0.075	<0.059	<0.047	1.3	<0.15	<0.16	<0.094	<0.051	<0.072	<0.069	<0.12	<0.15	<0.064	<0.064	<1.1	<0.097	<0.064	<0.049	<0.056	<0.13	<0.051	<0.084
<b>Dups</b>																											
14-Jul-09		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.20	<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	<0.29	<0.37	0.27



**Attachment A.1**  
**GROUNDWATER RESULTS SUMMARY**  
**VOLATILE ORGANIC COMPOUNDS**  
 Laundry Basket  
 Luck, Wisconsin

	Qualifiers	State Program	GRO	DRO	Benzene	Ethylbenzene	Toluene	MTBE	TMBs	Xylenes	n-Butylbenzene	sec-Butylbenzene	tert-butylbenzene	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (MEK)	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	(PCE) Tetrachloroethene	(TCE) Trichloroethene	Vinyl Chloride
ES	--	--	--		5	700	1000	60	480	10000	--	--		5	7	70	100	--	--	460	5	100	--	100	5	5	0.2
PAL	--	--	--		0.5	140	200	12	96	1000	--	--		0.5	0.7	7	20	--	--	90	0.5	10	--	10	0.5	0.5	0.02
<b>PZ-6</b>																											
15-May-08	Q	DERF	NA		<0.29	<0.22	<0.27	0.44	<0.62	<0.86	<0.23	<0.22		<0.27	<0.5	<0.38	<0.30	<0.19	<0.21	<4.5	2.4	<0.17	<0.22	<0.38	0.59	<0.37	<0.27
27-Aug-08		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22		<0.27	<0.5	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	<0.29	<0.37	<0.27
24-Nov-08	Q	DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.20	<0.27	<0.5	<0.38	<0.30	<0.19	<0.21	<4.5	0.42	<0.17	<0.22	<0.38	<0.29	<0.37	<0.27
14-Jul-09		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.20	<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	<0.29	<0.37	<0.27
02-Jun-11		DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50	<0.50	<0.20	<0.20
15-May-12		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.40
28-Aug-12		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.40
07-Jan-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.40
31-Jul-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<0.40	<0.40
27-May-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<0.40	<0.40
16-Jul-15		DERF	NA	NA	<0.21	<0.23	<0.13	<0.20	<0.16	<0.60	<0.083	<0.16	<0.18	<0.17	<0.22	<0.25	<0.21	<0.17	<0.16	<2.5	<0.56	<0.14	<0.21	<0.11	<0.19	<0.14	<0.15
28-Jun-16	B	DERF	NA	NA	<0.042	<0.075	<0.059	<0.047	<0.11	<0.15	<0.16	<0.094	<0.051	<0.072	<0.069	<0.12	<0.15	<0.064	<0.064	<1.1	<0.097	<0.064	<0.049	<0.056	<0.13	<0.051	<0.084
<b>PZ-7</b>																											
15-May-08	Q	DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22		<0.31	<0.31	<0.38	<0.30	<0.19	<0.21	<4.5	2.3	<0.17	<0.22	<0.38	1.4	<0.37	<0.27
27-Aug-08		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22		<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	2.2	<0.37	<0.27
24-Nov-08	Q	DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.20	<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	0.51	<0.17	<0.22	<0.38	2.2	<0.37	<0.27
14-Jul-09		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.20	<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	1.8	<0.37	<0.27
02-Jun-11		DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.20	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50	<0.50	<0.20	<0.20
18-Nov-11	J	DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.20	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50	0.71	<0.20	<0.20
13-Feb-12	J	DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.20	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50	0.71	<0.20	<0.20
15-May-12		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.40
28-Aug-12		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.40
07-Jan-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.40
31-Jul-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<0.40	<0.40
27-May-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<0.40	<0.40
16-Jul-15	J	DERF	NA	NA	<0.21	<0.23	<0.13	<0.20	<0.16	<0.60	<0.083	<0.16	<0.18	<0.17	<0.22	0.26	<0.21	<0.17	<0.16	12.4	<0.56	<0.14	<0.21	<0.11	0.38	<0.14	<0.15

**Attachment A.1**  
**GROUNDWATER RESULTS SUMMARY**  
**VOLATILE ORGANIC COMPOUNDS**  
 Laundry Basket  
 Luck, Wisconsin

	Qualifiers	State Program	GRO	DRO	Benzene	Ethylbenzene	Toluene	MTBE	TMBs	Xylenes	n-Butylbenzene	sec-Butylbenzene	tert-butylbenzene	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (MEK)	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	(PCE) Tetrachloroethene	(TCE) Trichloroethene	Vinyl Chloride	
ES	--	--	--		5	700	1000	60	480	10000	--	--		5	7	70	100	--	--	460	5	100	--	100	5	5	0.2	
PAL	--	--	--		0.5	140	200	12	96	1000	--	--		0.5	0.7	7	20	--	--	90	0.5	10	--	10	0.5	0.5	0.02	
<b>PZ-8</b>																												
15-May-08	Q	DERF			<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22		<0.27	<0.31	<0.38	<0.30	<0.19	<0.21	<4.5	2.3	<0.17	<0.22	<0.38	<0.29	<0.37	<0.27	
27-Aug-08		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22		<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	<0.29	<0.37	<0.27	
24-Nov-08		DERF			<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.2	<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	0.5	<0.17	<0.22	<0.38	<0.29	<0.37	<0.27	
14-Jul-09		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.20	<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	<0.29	<0.37	<0.27	
02-Jun-11		DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50	<0.50	<0.20	<0.20	
31-Jul-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<0.40	<0.40	
27-May-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<0.40	<0.40	
16-Jul-15		DERF	NA	NA	<0.21	<0.23	<0.13	<0.20	<0.16	<0.60	<0.083	<0.16	<0.18	<0.17	<0.22	<0.25	<0.21	<0.17	<0.16	<2.5	23.3	<0.14	<0.21	<0.11	<0.19	<0.14	<0.15	
<b>PZ-9</b>																												
23-Apr-09		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.20	<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	0.28	<0.22	<0.38	<0.29	<0.37	<0.27	
14-Jul-09		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.20	<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	<0.29	<0.37	<0.27	
02-Jun-11		DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50	<0.50	<0.20	<0.20	
31-Jul-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<0.40	<0.40	
27-May-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<0.40	<0.40	
16-Jul-15		DERF	NA	NA	<0.21	<0.23	<0.13	<0.20	<0.16	<0.60	<0.083	<0.16	<0.18	<0.17	<0.22	<0.25	<0.21	<0.17	<0.16	<2.5	<0.56	<0.14	<0.21	<0.11	<0.19	<0.14	<0.15	
<b>MW-2 Equity</b>																												
<i>Cooper / Tetra Tech Sampling Dates</i>																												
May-05	NP				ND	ND	ND	ND	ND	ND	NP	NP		NP	NP	25	2.17	NP	NP	NP		NP	NP	NP	156	12.2	NP	
Aug-05	NP				<0.3	<0.5	<0.3	<0.3	<0.3	<0.3	NP	NP		NP	NP	NA	NA	NP	NP	NP		NP	NP	NP	NA	NA	NP	
Nov-05	NP				<0.3	<0.5	<0.3	<0.3	<0.3	<0.3	NP	NP		NP	NP	4.88	<0.4	NP	NP	NP		NP	NP	NP	107	4.79	NP	
Feb-06	NP				<0.3	<0.5	<0.3	<0.3	<0.3	<0.3	NP	NP		NP	NP	7.03	<0.3	NP	NP	NP		NP	NP	NP	76.7	5.86	NP	
May-06	NP				<0.3	<0.5	<0.3	<0.3	<0.3	<0.3	NP	NP		NP	NP	2.53	<0.3	NP	NP	NP		NP	NP	NP	38.4	2.64	NP	
<i>MSA Sampling Dates</i>																												
13-Apr-06					NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA
17-Aug-06					NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA
13-Dec-06	*	PECFA			<1.0	<1.0	<5.0	<1.0	<2.0	<3.0	<1.0	<1.0		<1.0	<1.0	7.5	<1.0	<1.0	<1.0	NA		<5.0	<1.0	<1.0	63	7.7	<1.0	
2-May-07	Q	PECFA			<0.31	<0.26	<0.32	<0.32	<0.51	<0.73	<0.24	<0.28		<0.34	<0.44	<0.44	<0.33	<0.31	<0.29	<2.7		<0.27	<0.31	<0.27	20	1.8	<0.31	
Well Abandoned																												

**Attachment A.1**  
**GROUNDWATER RESULTS SUMMARY**  
**VOLATILE ORGANIC COMPOUNDS**  
 Laundry Basket  
 Luck, Wisconsin

	Qualifiers	State Program	GRO	DRO	Benzene	Ethylbenzene	Toluene	MTBE	TMBs	Xylenes	n-Butylbenzene	sec-Butylbenzene	tert-butylbenzene	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (MEK)	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	(PCE) Tetrachloroethene	(TCE) Trichloroethene	Vinyl Chloride		
ES	--	--			<b>5</b>	<b>700</b>	<b>1000</b>	<b>60</b>	<b>480</b>	<b>10000</b>	--	--		<b>5</b>	<b>7</b>	<b>70</b>	<b>100</b>	--	--	<b>460</b>	<b>5</b>	<b>100</b>	--	<b>100</b>	<b>5</b>	<b>5</b>	<b>0.2</b>		
PAL	--	--			0.5	140	200	12	96	1000	--	--		0.5	0.7	7	20	--	--	90	0.5	10	--	10	0.5	0.5	0.02		
<b>MW-3A Equity</b>																													
<i>Cooper / Tetra Tech Sampling Dates</i>																													
May-05	NP				<b>12</b>	31.6	ND	ND	<b>623</b>	133.01	ND	26		NP	NP	NP	NP	NP	NP	NP	NP	<b>56.8</b>	89.3	NP	NP	NP	NP	NP	
Aug-05	NP				0.687	7.04	1.7	<0.3	88.6	27.94	NA	NA		NP	NP	NP	NP	NA	NP	NP	NP	NA	NA	NP	NP	NP	NP	NP	
Nov-05	NP				<0.3	5.59	<0.3	<0.3	46.7	24.32	23.5	3.65		NP	NP	NP	NP	NP	NP	NP	NP	6.57	17.5	NP	NP	NP	NP	NP	
Feb-06	NP				3.1	6.61	<0.3	<0.3	53.6	26.72	16.2	7.04		NP	NP	NP	NP	NP	NP	NP	NP	6.99	19.7	NP	NP	NP	NP	NP	
May-06	NP				1.47	4.06	<0.3	<0.3	29.31	16.72	6.64	3.56		NP	NP	NP	NP	NP	NP	NP	NP	5.92	12.2	NP	NP	NP	NP	NP	
<i>MSA Sampling Dates</i>																													
13-Apr-06					NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17-Aug-06					NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13-Dec-06	*				<1.0	4.4	<5.0	<1/0	58	18.3	4.2	2.1		<1.0	<1.0	<1.0	<1.0	5.5	1.2	<1.0	8.4	17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
2-May-07	Q				<0.31	2.3	<0.32	<0.32	65	11	3.4	<0.28		<0.34	<0.44	<0.44	<0.33	3.6	<0.29	<2.7	5.6	14	<0.27	<0.43	<0.26	<0.31	<0.31	<0.31	
Well Abandoned																													
<b>MW-4A Equity</b>																													
<i>Cooper / Tetra Tech Sampling Dates</i>																													
May-05	NP				2.4	0.76	0.461	NA	5.59	1.98	4.9	3.4		NP	NP	9.14	NP	NP	NP	NP	NP	1.26	1.37	NP	<b>90.9</b>	<b>6.98</b>	NP	NP	
Aug-05	NP				<b>7.02</b>	15.2	1.99	<0.3	17.84	12.81	NA	NA		NP	NP	NA	NP	NP	NP	NP	NP	NA	NA	NP	NA	NA	NA	NP	
Nov-05	NP				<b>23</b>	43.1	1.85	<0.3	24.74	13.43	19.3	3.45		NP	NP	1.11	NP	NP	NP	NP	NP	10.6	23.4	NP	<b>35.4</b>	<b>5.18</b>	NP	NP	
Feb-06	NP				NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
May-06	NP				<0.3	2.81	<0.3	<0.3	<0.4	2.25	<0.3	<0.4		NP	NP	<0.4	NP	NP	NP	NP	NP	<0.8	<0.3	NP	<0.5	1.61	NP	NP	
<i>MSA Sampling Dates</i>																													
13-Apr-06					NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17-Aug-06					NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13-Dec-06	*	PECFA			<b>24</b>	47	<5.0	<1.0	5.2	9.1	7.7	4.4		<1.0	<1.0	<1.0	<1.0	22	1.4	NA	12	39	<1.0	<b>13</b>	<b>6.9</b>	<1.0	<1.0	<1.0	
2-May-07	Q	PECFA			3.6	36.0	2.1	<0.32	45.8	38	6.8	1.0		<0.34	<0.44	<0.44	<0.33	5.6	0.81	<2.7	8.3	18	<0.27	<0.43	<0.26	<0.31	<0.31	<0.31	
Well Abandoned																													

**Attachment A.1**  
**GROUNDWATER RESULTS SUMMARY**  
**VOLATILE ORGANIC COMPOUNDS**  
 Laundry Basket  
 Luck, Wisconsin

	Qualifiers	State Program	GRO	DRO	Benzene	Ethylbenzene	Toluene	MTBE	TMBs	Xylenes	n-Butylbenzene	sec-Butylbenzene	tert-butylbenzene	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (MEK)	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	(PCE) Tetrachloroethene	(TCE) Trichloroethene	Vinyl Chloride		
ES	--	--	--	--	5	700	1000	60	480	10000	--	--	--	5	7	70	100	--	--	460	5	100	--	100	5	5	0.2		
PAL	--	--	--	--	0.5	140	200	12	96	1000	--	--	--	0.5	0.7	7	20	--	--	90	0.5	10	--	10	0.5	0.5	0.02		
<b>MW-5 Equity</b>																													
<i>Cooper / Tetra Tech Sampling Dates</i>																													
May-05	NP				0.862	ND	ND	ND	ND	ND	NP	NP		NP	NP	NP	NP	NP	NP	NP		NP	NP	NP	NP	0.679	ND	NP	
Aug-05	NP				1.63	<0.3	<0.3	<0.3	<0.3	<0.3	NP	NP		NP	NP	NP	NP	NP	NP	NP		NP	NP	NP	NP	NA	ND	NP	
Nov-05	NP				3.45	0.54	<0.3	<0.3	<0.4	0.48	NP	NP		NP	NP	NP	NP	NP	NP	NP		NP	NP	NP	NP	18.5	1.98	NP	
Feb-06	NP				<0.3	<0.5	<0.3	<0.3	<0.4	<0.3	NP	NP		NP	NP	NP	NP	NP	NP	NP		NP	NP	NP	NP	9.88	<0.5	NP	
May-06	NP				1.57	<0.5	<0.3	<0.3	<0.4	<0.3	NP	NP		NP	NP	NP	NP	NP	NP	NP		NP	NP	NP	NP	5.15	0.7	NP	
<i>MSA Sampling Dates</i>																													
13-Apr-06					NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA
17-Aug-06					NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA
13-Dec-06					NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA
2-May-07					NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA
23-Apr-09		DERF	NA		0.51	14	3.1	<0.19	8.0	6.5	0.50	0.34	<0.20	<0.27	<0.50	<0.38	<0.30	1.3	<0.21	<4.5	<0.30	4.0	2.3	<0.38	4.5	<0.37	<0.27		
14-Jul-09		DERF	NA		<0.29	2.4	1.8	<0.19	6.48	7.6	0.46	0.31	<0.20	<0.27	<0.50	<0.38	<0.30	1.1	<0.21	<4.5	<0.30	2.0	0.40	<0.38	7.2	<0.37	<0.27		
31-Jul-13		DERF	NA	NA	2.1	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	9.7	<0.40	<0.40		
28-Oct-13	**	DERF	NA	NA	10.9	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	25.3	<0.40	<0.40		
27-May-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	e	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	5.9	<0.40	<0.40		
11-Aug-14	****	DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	25.1	<0.40	<0.40		
16-Jul-15		DERF	NA	NA	<0.21	<0.23	<0.13	<0.20	<0.16	<0.60	<0.083	<0.16	<0.18	<0.17	<0.22	<0.25	<0.21	<0.17	<0.16	<2.5	<0.56	<0.14	<0.21	<0.11	5.9	<0.14	<0.15		
22-Oct-15		DERF	NA	NA	<0.50	<0.50	<0.50	<0.17	<0.50	<0.50	<0.50	<2.2	<0.18	<0.17	<0.41	<0.26	<0.26	<0.14	<0.50	<3.0	<0.23	<2.5	<0.50	<0.50	7.1	<0.33	<0.18		
28-Jun-16		DERF	NA	NA	<0.042	<0.075	<0.059	<0.047	<0.11	<0.15	<0.16	<0.094	<0.051	<0.072	<0.069	<0.12	<0.15	<0.064	<0.064	<1.1	<0.097	<0.064	<0.049	<0.056	11.5	<0.051	<0.084		
13-Sep-16		DERF	NA	NA	<0.16	<0.15	<0.14	<0.15	<0.45	<0.32	<0.16	<0.19	<0.22	<0.17	<0.28	<0.12	<0.16	<0.25	<0.19	<1.1	<0.29	<0.20	<0.23	<0.29	11.7	<0.20	<0.15		
12-Dec-16	J	DERF	NA	NA	<0.16	<0.15	<0.14	<0.15	<0.45	<0.32	<0.16	<0.19	<0.22	<0.17	<0.28	0.18	<0.16	<0.25	<0.19	<1.1	<0.29	<0.20	<0.23	<0.29	27.1	0.5	<0.069		
15-Mar-17	J	DERF	NA	NA	<0.16	<0.15	0.17	<0.15	<0.45	<0.32	<0.16	<0.19	<0.22	<0.17	<0.28	<0.12	<0.16	<0.25	<0.19	<1.1	<0.29	<0.20	<0.23	<0.29	21.6	0.9	<0.069		
<b>MW-6 Equity</b>																													
<i>Cooper / Tetra Tech Sampling Dates</i>																													
May-05	NP				ND	ND	ND	ND	ND	ND	NP	NP		NP	NP	2.87	NP	NP	NP	NP		NP	NP	NP	NP	55.2	1.1	NP	
Aug-05	NP				<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	NP	NP		NP	NP	NA	NP	NP	NP	NP		NP	NP	NP	NP	NA	NA	NP	
Nov-05	NP				<0.3	<0.5	<0.3	<0.3	<0.4	<0.6	NP	NP		NP	NP	29.6	NP	NP	NP	NP		NP	NP	NP	NP	239	14.6	NP	
Feb-06	NP				<1.5	<2.5	<1.5	<1.5	<2	<3	NP	NP		NP	NP	13.7	NP	NP	NP	NP		NP	NP	NP	NP	169	8.9	NP	
May-06	NP				<0.3	<0.5	<0.3	<0.3	<0.4	<0.3	NP	NP		NP	NP	2.62	NP	NP	NP	NP		NP	NP	NP	NP	35.3	1.69	NP	
Well Abandoned																													

**Attachment A.1**  
**GROUNDWATER RESULTS SUMMARY**  
**VOLATILE ORGANIC COMPOUNDS**  
 Laundry Basket  
 Luck, Wisconsin

	Qualifiers	State Program	GRO	DRO	Benzene	Ethylbenzene	Toluene	MTBE	TMBs	Xylenes	n-Butylbenzene	sec-Butylbenzene	tert-butylbenzene	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (MEK)	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	(PCE) Tetrachloroethene	(TCE) Trichloroethene	Vinyl Chloride				
ES	--	--	--	--	5	700	1000	60	480	10000	--	--	5	7	70	100	--	--	460	5	100	--	100	5	5	0.2					
PAL	--	--	--	--	0.5	140	200	12	96	1000	--	--	0.5	0.7	7	20	--	--	90	0.5	10	--	10	0.5	0.5	0.02					
<b>MW-7 Equity</b>																															
<i>Cooper / Tetra Tech Sampling Dates</i>																															
May-05	NP	NA	NA	NA	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Aug-05	NP	NA	NA	NA	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Nov-05	NP	NA	NA	NA	0.89	<0.5	<0.3	<0.3	<0.4	<0.6	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
Feb-06	NP	NA	NA	NA	<3.1	<5	<3	<3	<4	<6	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
May-06	NP	NA	NA	NA	<15	<25	<15	<15	<20	<31	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP		
<i>MSA Sampling Dates</i>																															
13-Apr-06		PECFA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
17-Aug-06		PECFA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
13-Dec-06	*	PECFA	NA	NA	<10	<10	<50	<10	<20	<30	<10	<10	<10	<10	750	<10	<10	<10	NA	<50	<10	<10	740	290	<10						
2-May-07	Q	PECFA	NA	NA	<0.31	<0.26	<0.32	<0.32	<0.51	<0.73	<0.24	<0.28	<0.34	4.9	810	2.2	<0.31	<0.29	<2.7	<0.27	<0.31	<0.27	980	300	1.0						
14-May-08	Q	DERF	NA	NA	<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.23	<0.27	1.8	500	1.3	<0.19	<0.21	<4.5	2.2	<0.17	<0.22	<0.38	390	87	<0.27					
27-Aug-08	Q	DERF	NA	NA	<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.27	<0.50	110	<0.30	<0.19	<0.21	<4.5	0.39	<0.17	<0.22	<0.38	100	21	<0.27					
24-Nov-08	Q	DERF	NA	NA	<0.29	<1.1	<1.3	<0.96	1.0	<4.3	<1.1	<1.1	<0.98	<1.4	2.5	500	<1.5	<0.94	<1.1	<23	3.2	0.99	<1.1	<1.9	300	72	<4.3				
23-Apr-09		DERF	NA	NA	<2.9	<2.2	<2.7	<1.9	<0.62	<8.6	<2.3	<2.2	<2.0	<2.7	9.0	1400	<3.0	<1.9	<2.1	<45	<3.0	<1.7	<2.2	<3.8	760	310	<2.7				
14-Jul-09		DERF	NA	NA	<2.9	<2.2	<2.7	<1.9	<6.2	<8.6	<2.3	<2.2	<2.0	<2.7	<5.0	780	<3.0	<1.9	<2.1	<45	<3.0	<1.7	<2.2	<3.8	660	180	<2.7				
02-Jun-11		DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<1.0	<0.25	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	
18-Nov-11		DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	6.1	830	3.0	<0.20	<0.20	<1.0	<0.25	<0.50	<0.50	160	92	2.0					
13-Feb-12		DERF	NA	NA	<1.6	<4.0	<4.0	<4.0	<1.6	<4.0	<1.6	<2.0	<1.6	<4.0	<4.0	670	<4.0	<1.6	<1.6	<8.0	<2.0	<4.0	<4.0	480	290	<1.6					
15-May-12		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.3	353	2.0	<1.0	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0	422	212	0.45					
29-Aug-12		DERF	NA	NA	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	220	<2.0	<2.0	<2.0	<8.0	<8.0	<2.0	<2.0	<2.0	242	73.6	<0.80					
07-Jan-13		DERF	NA	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	250	<5.0	<5.0	<5.0	<20.0	<20.0	<5.0	<5.0	<5.0	402	232	<2.0					
31-Jul-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	182	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	165	62.3	<0.40					
27-Oct-13		DERF	NA	NA	<2.0	<2.0	<2.0	<2.0	<4.0	<6.0	<2.0	<2.0	<2.0	<2.0	298	<2.0	<2.0	<2.0	<10.0	<8.0	<8.0	<2.0	<2.0	116	61.2	<0.80					
26-Feb-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	42.9	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	63.3	22.6	<0.40					
27-May-14		DERF	NA	NA	<2.0	<2.0	<2.0	<2.0	<4.0	<6.0	<2.0	<2.0	<2.0	<2.0	113	<2.0	<2.0	<2.0	<10.0	<8.0	<8.0	<2.0	<2.0	128	37.1	<0.80					
11-Aug-14		DERF	NA	NA	<2.0	<2.0	<2.0	<2.0	<4.0	<6.0	<2.0	<2.0	<2.0	<2.0	254	<2.0	<2.0	<2.0	<10.0	<8.0	<8.0	<2.0	<2.0	147	49.6	<0.80					
16-Jul-15		DERF	NA	NA	<0.21	<0.23	<0.13	<0.20	<0.16	<0.60	<0.083	<0.16	<0.18	<0.17	<0.22	45.9	<0.21	0.24	<0.16	<2.5	<0.56	0.34	<0.21	<0.11	20.3	10.6	<0.15				
22-Oct-15	J	DERF	NA	NA	<0.50	<0.50	<0.50	<0.17	<0.50	<0.50	<0.50	<2.2	<0.18	<0.17	<0.41	137	0.38	<0.14	<0.50	<3.0	<0.23	<2.5	<0.50	<0.50	29.0	21.9	0.20				
28-Jun-16		DERF	NA	NA	<0.042	<0.075	<0.059	<0.047	<0.11	<0.15	<0.16	<0.094	<0.051	<0.072	<0.069	2.8	<0.15	<0.064	<0.064	<1.1	<0.097	<0.064	<0.049	<0.056	6.1	2.2	<0.084				
13-Sep-16		DERF	NA	NA	<0.16	<0.15	<0.14	<0.15	<0.45	<0.32	<0.16	<0.19	<0.22	<0.17	<0.28	2.0	<0.16	<0.25	<0.19	<1.1	<0.29	<0.20	<0.23	<0.29	3.9	0.91	<0.15				
12-Dec-16		DERF	NA	NA	<0.16	<0.15	<0.14	<0.15	<0.45	<0.32	<0.16	<0.19	<0.22	<0.17	0.44	94.5	0.64	<0.25	<0.19	<1.1	<0.29	<0.20	<0.23	<0.29	40.8	28.4	0.13				
15-Mar-17	J	DERF	NA	NA	<0.16	<0.15	<0.14	<0.15	<0.45	<0.32	<0.16	0.67	<0.22	<0.17	0.44	8	<0.16	<0.25	<0.19	<1.1	<0.29	0.34	<0.23	<0.29	7.7	4.6	<0.069				

**Attachment A.1**  
**GROUNDWATER RESULTS SUMMARY**  
**VOLATILE ORGANIC COMPOUNDS**  
 Laundry Basket  
 Luck, Wisconsin

	Qualifiers	State Program	GRO	DRO	Benzene	Ethylbenzene	Toluene	MTBE	TMBs	Xylenes	n-Butylbenzene	sec-Butylbenzene	tert-butylbenzene	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (MEK)	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	(PCE) Tetrachloroethene	(TCE) Trichloroethene	Vinyl Chloride	
ES	--	--	--	--	<b>5</b>	<b>700</b>	<b>1000</b>	<b>60</b>	<b>480</b>	<b>10000</b>	--	--	--	<b>5</b>	<b>7</b>	<b>70</b>	<b>100</b>	--	--	<b>460</b>	<b>5</b>	<b>100</b>	--	<b>100</b>	<b>5</b>	<b>5</b>	<b>0.2</b>	
PAL	--	--	--	--	<i>0.5</i>	<i>140</i>	<i>200</i>	<i>12</i>	<i>96</i>	<i>1000</i>	--	--	--	<i>0.5</i>	<i>0.7</i>	<i>7</i>	<i>20</i>	--	--	<i>90</i>	<i>0.5</i>	<i>10</i>	--	<i>10</i>	<i>0.5</i>	<i>0.5</i>	<i>0.02</i>	
<b>MW-8 Equity</b>																												
23-Apr-09	DERF	NA			<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.20	<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	0.42	<0.37	<2.7	
14-Jul-09	DERF	NA			<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.20	<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	1.0	<0.22	<0.38	0.87	<0.37	<0.27	
31-Jul-13	DERF	NA	NA		<1.0	<1.0	8.3	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<0.40	<0.40	
<b>PZ-1 Equity</b>																												
<i>Cooper / Tetra Tech Sampling Dates</i>																												
May-05	NP	NA			ND	ND	ND	ND	ND	ND	NP	NP		NP	NP	8.15	NP	NP	NP	NP		NP	NP	NP	NP	<b>129</b>	3.59	NP
Aug-05	NP	NA			<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	NP	NP		NP	NP	NA	NP	NP	NP	NP		NP	NP	NP	NP	NA	NA	NP
Nov-05	NP	NA			<0.3	<0.5	<0.3	<0.3	<0.4	<0.6	NP	NP		NP	NP	<0.4	NP	NP	NP	NP		NP	NP	NP	NP	<b>18.5</b>	<0.5	NP
Feb-06	NP	NA			<0.3	<0.5	<0.3	<0.3	<0.4	<0.6	NP	NP		NP	NP	<0.4	NP	NP	NP	NP		NP	NP	NP	NP	<b>10</b>	<0.5	NP
May-06	NP	NA			<0.3	<0.5	<0.3	<0.3	<0.4	<0.3	NP	NP		NP	NP	<0.4	NP	NP	NP	NP		NP	NP	NP	NP	<b>7.35</b>	<0.5	NP
Well Abandoned																												
<b>Seaton Sump</b>																												
23-Apr-09	DERF	NA			<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.20	<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	<0.29	<0.37	<0.27	

Explanation:  
 Table reports only those compounds with detections, for the full list, see analytical report  
 Equity Co-op historical data was provided in a summarized format by Tetra Tech. Actual analytical reports were not reviewed by MSA  
 All results are reported in ug/L, micrograms per liter  
 Results in **bold** equal or exceed the NR 140 Wis. Adm. Code Enforcement Standard  
 Results in *italics* equal or exceed the NR 140 Wis. Adm. Code Preventative Action Limit  
 <0.40 = less than the indicated limit of detection (LOD)  
 Q = a parameter was above the LOD but below the limit of quatitation (LOQ)  
 NA = not analyzed for this parameter during this sampling event  
 -- = No Standard Established / Not Applicable  
 NP = Not Provided  
 ND = Not Detected above method detection limit.  
 Whey substrate injection occurred on October 12, 2011, April 11, 2012, and April 24, 2013  
 \* December 2006 samples were analyzed using method 8021MS resulting in higher detection limits. All other rounds were analyzed using method 8260  
 \*\* 2.1 ug/L 1,1,1-Trichloroethane was detected in October 28, 2013 sample  
 \*\*\* 217 ug/L acetone measured in MW-1 and 123 ug/L acetone and 6.2 ug/L 2-Chlorotoluene measured at MW-5.  
 \*\*\*\* 21.9 ug/L acetone measured in MW-5 and 1.8 ug/L 1,1,1-trichloroethane measured in MW-5EQ.

**Attachment A.4**  
**VAPOR SAMPLING RESULTS**  
Laundry Basket  
Luck, Wisconsin

Sample Location	Sample Date	Sample Interval (below ground surface)	Sample Type	PID (ppm)	Acetone	Benzene	Bromomethane	Carbon disulfide	Chloromethane	Cyclohexane	1,3-Dichlorobenzene	cis-1,2-dichloroethene	trans-1,2-dichloroethene	1,2-Dichloropropane	Ethanol	Ethylbenzene	4-Ethyltoluene	1,4-Dichlorobenzene	Dichlorodifluoromethane	n-Heptane	n-Hexane	Methylene chloride	2-Butanone (MEK)	4-Methyl-2-pentanone (MIBK)	Methyl-tert-butyl ether (MTBE)	Naphthalene	2-Propanol	Propylene	Styrene	Tetrachloroethene	Tetrahydrofuran	Toluene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2,2,4-Trimethylpentane	Total Xylenes
VP-2	15-May-08	1-2 feet	Sub slab	0.0	690	<51		240	<33	<55		2400	550	<74	580	<b>87</b>	<79	<96	<79	<65	<56	<b>69</b>	<290	<100		<260	1500	<55		<b>160000*</b>	<47	170	<b>6400</b>	<90	<b>79</b>	<79	100	460
VP-3	15-May-08	1-2 feet	Sub slab	0.0	1000	<64		930	<41	<69		150	<79	<92	1600	<87	<98	<120	<99	<82	<71	<b>210</b>	<370	<130		<330	4400	<69		<b>410000*</b>	<59	680	<b>750</b>	<110	<b>98</b>	<98	160	210
VP-1	15-May-08	3-4 feet	soil gas		81	<b>5.4</b>		2.6	<0.83	5.9		2.4	<1.6	<1.8	130	7.8	4.5	<2.4	2.6	15	5.3	<1.4	24	<10		<6.6	34	57		<b>2800</b>	3.2	34	<b>23</b>	<2.2	22	4.9	<1.9	41
VP-4	15-May-08	3-4 feet	soil gas		64	<b>10</b>		6.5	<1.7	38		4.0	<3.2	<3.7	38	5.2	4.9	<4.8	<4.0	49	78	<2.8	<15	<20		<13	<12	45		<b>4000*</b>	<2.4	19	<b>36</b>	<4.5	21	13	<3.7	34
VP-5	15-May-08	3-4 feet	soil gas		29	<b>3.8</b>		1.2	1.3	1.6		4.0	<1.6	<1.8	170	6.9	4.4	<2.4	2.6	3.8	3.3	<1.4	14	<10		<6.6	34	9.3		<b>3100*</b>	<1.2	23	<b>17</b>	<2.2	22	4.9	<1.9	37
VP-6	15-May-08	3-4 feet	soil gas		17	<b>4.5</b>		<1.2	1.3	2.0		<1.6	<1.6	<1.8	120	5.2	3.6	<2.4	2.8	3.4	4.2	<1.4	9.1	<10		<6.6	22	10		<b>810*</b>	<1.2	20	<b>2.3</b>	<2.2	19	4.5	<1.9	29
Target Shallow Gas Concentration					3500	3.1		7000					40		22			8000	2000			52	10000	800		30				8.1	4000	0.22	7000	60	60			
Basement	27-Jul-10	Laundry Basket Basement	Indoor Air		<25.5	<34.5		<33.5	<22.3	<36.1		<43.1	<48.9	<50.0	<101	<46.8	<133	<63.8	<53.2	<44.1	<38.3	66.2	<31.9	<44.1		<144	<133	<18.6		<b>466</b>	<31.9	<40.9	<58.5	<58.5	<133	<133		<140.3
Outside	27-Jul-10	Laundry Basket Foyer	Outside Air		8.5	2.3		<0.90	<0.60	2.8		<1.2	<1.2	<1.3	<2.7	<1.3	<3.6	<1.7	2.1	2.0	3.9	<1.0	<0.86	<1.2		<3.9	<3.6	128		<b>8.0</b>	<0.86	5.2	<1.6	<1.6	<3.6	<3.6		<3.8
Store Room	27-Jul-10	Laundry Basket Store Room	Indoor Air		23.1	1.4		<0.90	1.0	4.2		<1.2	<1.2	<1.3	<54.3	<1.3	<3.6	<1.7	2.6	16.2	2.5	5.5	3.3	16.6		<3.9	<3.6	1.2		<b>1530</b>	<0.86	7.8	1.9	1.8	<3.6	<3.6		<3.8
AA-1	2-Jun-11	Background - Outdoor	Outside Air		5.6	0.99		<0.87	<0.58	<0.94		<1.1	<1.1	<1.3	6.2	1.6	<3.4	2.1	2.2	<1.1	1.5	<0.98	1.8	1.4		<3.7	5.5	<0.48		<1.9	<0.83	4.0	2.2	1.6	2.2	1.4		6.0
AA-2	2-Jun-11	Computer Store Basement	Indoor Air		7.3	<0.93		<0.90	0.68	<0.97		<1.2	<1.2	<1.3	5.1	1.5	<3.6	<1.7	2.2	<1.2	1.5	<1.0	<0.86	<1.2		<3.9	<3.6	<0.50		<2.0	<0.86	2.3	2.7	1.6	1.8	1.4		4.3
VP-7	7-Feb-13	Laundry Basket Foyer	Outside Air		5.2	0.65		<0.84	0.68	<0.94		<1.1	<1.1	<1.3		<1.2	<1.3	<1.6	1.9	2.0	<0.96	<0.95	<0.80	<1.1				<0.47		<0.92	<0.80	3.2	<0.74	<1.5	3.2	<1.3		<1.2
VP-8	7-Feb-13	Laundry Basket Utility Closet	Indoor Air		7.1	0.71		<0.91	0.81	<1.0		<1.2	<1.2	<1.4		<1.3	<1.4	<1.8	2.0	3.1	1.5	1.3	<1.2	<1.2				<0.50		2.1	<0.86	3.8	<0.79	<1.6	3.8	<1.4		<1.3
VP-9	7-Feb-13	Laundry Basket Basement	Indoor Air		6.4	3.5		<0.88	0.65	3.4		<1.1	<1.1	<1.3		<1.2	3.2	<1.7	1.8	6.2	4.3	<0.99	1.9	<1.2				<0.49		<0.96	<0.83	11.5	<0.76	<1.6	4.7	3.4		3.6
V-1	30-Apr-13	1-2 feet	Sub slab		79.7	3.5	1.3	7.6	<0.65	<1.1	4.7	<1.3	<1.3	<1.5	26.1	2.2	<1.6	<1.9	<1.6	3.7	8.4	2.0	8.0	3.2	<1.1	3.2	3.3	<0.54	2.9	<1.1	<0.93	13.6	4.5	<1.8	3.7	<1.5		6.6
V-2	30-Apr-13	1-2 feet	Sub slab		114	9.2	<2.1	17.6	<1.1	<1.9	<3.3	<2.2	<2.2	<2.5	240	<2.4	<2.7	<3.3	<2.7	<2.2	17.9	3.7	9.8	<2.2	<2.0	<2.9	<1.3	<0.94	5.1	<1.9	<1.6	17.5	<1.5	<3.1	5.1	<2.7		10.4
V-3	30-Apr-13	1-2 feet	Sub slab		115	6.7	<1.3	1.3	<0.68	<1.1	<2.0	<1.3	<1.3	<1.5	106	<1.4	<1.6	<2.0	1.9	<1.3	19.6	35.2	13.4	<1.3	3.3	<1.7	4.1	<0.56	<1.4	<1.1	<0.97	10.7	<0.89	<1.8	3.4	<1.6		7.0
V-4	30-Apr-13	1-2 feet	Sub slab		106	4.7	<1.3	1.6	<0.68	<1.1	<2.0	<1.3	<1.3	<1.5	96.5	<1.4	<1.6	<2.0	2.2	<1.3	18.7	18.4	15.6	<1.3	3.5	2.7	<0.80	<0.56	<1.4	<1.1	<0.97	8.9	<0.89	<1.8	<1.6	<1.6		1.9
V-5	30-Apr-13	1-2 feet	Sub slab		144	4.1	<1.1	1.8	<0.58	<0.97	3.5	<1.1	<1.1	<1.3	135	1.9	<1.4	<1.7	2.4	4.2	15.4	1.6	21.8	<1.2	5.5	2.8	4.1	<0.49	<1.2	<0.96	<0.83	8.6	<0.76	<1.6	3.2	<1.4		4.8
V-6	30-Apr-13	1-2 feet	Sub slab		81.9	4.9	<1.2	2.0	<0.65	<1.1	<1.9	<1.3	3.6	<1.5	70.8	<1.4	<1.6	<1.9	2.7	<1.3	11.6	2.6	9.5	<1.3	<1.1	1.9	2.3	<0.54	2.8	4.3	<0.93	11.1	44.8	<1.8	<1.5	<1.5		5.7
Basement	13-Mar-17	Laundry Basket Basement	Indoor Air		21.0	0.98	<0.46	<0.15	0.79	2.6	<0.79	<0.37	1.5	<0.40	19.8	<0.63	<0.28	<0.74	1.9	5.9	19.2	200	<0.34	<0.32	<0.45	<0.45	5	<0.20	<0.29	<0.41	<0.18	2.4	<0.41	1.1J	1.2J	<0.27		<1.72
Foyer	13-Mar-17	Laundry Basket Foyer	Indoor Air		22.6	0.52	<0.48	<0.16	0.76	0.60J	<0.82	<0.38	3.1	<0.42	76.9	<0.66	<0.29	<0.77	1.6	1.3J	2	1.3J	4.9	<0.34	<0.47	<0.47	4.5	<0.21	<0.30	<0.43	<0.18	0.89J	<0.43	0.99J	<0.19	<0.28		<1.74
Store Room	13-Mar-17	Laundry Basket Store Room	Indoor Air		10.9	0.52	<0.48	<0.16	0.67	<0.49	<0.82	<0.38	<0.40	<0.42	24.2	<0.66	<0.29	<0.77	2.4	2.2	2.5	<0.84	3.4J	<0.34	<0.47	<0.47	0.45J	<0.21	<0.30	<0.43	<0.18	1.1J	<0.43	1.0J	<0.19	<0.28		<1.74
VP-1	13-Mar-17	1-2 feet	Sub slab		78.9	1.4	<0.52	<0.17	0.87	2.4	<0.89	<0.41	4	<0.45	32.3	<0.71	<0.32	<0.84	1.5J	6	4.3	<0.91	7.2	<0.36	<0.51	8.2	35.5	<0.23	<0.32	47.9	<0.20	1.7	<0.46	1.1J	3.9J	<0.31		3.9
VP-2	13-Mar-17	1-2 feet	Sub slab		112	1.6	<0.54	<0.18	0.89	0.61J	<0.93	<0.43	3	<0.47	6.5	<0.74	<0.33	<0.87	1.7J	1.8	3.4	<0.95	4.2J	7.8	<0.53	3.4J	6.6	<0.24	<0.34	6.8	<0.21	1.0J	<0.48	1.0J	<0.22	<0.32		4
VP-3	13-Mar-17	1-2 feet	Sub slab		0.0J	<b>41500</b>	0.0J	0.0J	0.0J	<b>1550000</b>	0.0J	36000	0.0J	0.0J	0.0J	<b>19400</b>	22100	0.0J	1570J	1840000	<b>3320000</b>	2030J	0.0J	0.0J	0.0J	<b>27400</b>	0.0J	0.0J	0.0J	0.0J	0.0J	70100	0.0J	0.0J	<b>85900</b>	32600		<b>147400</b>
VP-4	14-Mar-17	1-2 feet	Sub slab		72.1	6.9	0.0J	0.0J	0.0J	1.8	0.0J	0.0J	0.0J	0.0J	13.8	5.0	0.24J	0.0J	2.6	2.6	4.9	1.7J	24.2	1.4J	0.0J	7.7	4.6	0.0J	27.9	2.2	0.0J	1.5	0.0J	2.6	1.2J	0.33J		1.26
VP-5	14-Mar-17	1-2 feet	Sub slab		9.0	0.42J	0.0J	0.0J	0.22J	0.0J	0.0J	0.0J	0.0J	0.0J	5.7	0.11J	0.0J	0.0J	2.4	0.75J	1.2	2.6J	1.7J	0.0J	0.0J	3.8J	0.89J	0.0J	0.0J	0.22J	0.0J	0.32J	0.0J	1.4J	2.4J	0.0J	0.31	
VP-6	14-Mar-17	1-2 feet	Sub slab		33.4	2.2	<0.48	<0.16	<0.17	0.82J	<0.82	<0.38	<0.60	<0.42	7.7	<0.66	<0.29	<0.77	1.8	1.3J	3.2	<0.84	1.8J	<0.34	<0.47	3.5J	0.79J	<0.21	<0.30	36.4	<0.18	1.4	<0.43	<0.20	<0.19	<0.28		4.28
VP-7	15-Mar-17	1-2 feet	Sub slab		8	9.6	<0.48	<0.16	<0.17	1.3	<0.82	<0.38	<0.60	<0.42	2.5	<0.66	<0.29	<0.77	1.9	3.7																		

**Attachment A.6**  
**Monitoring Well Completion Information and Water Table Summary**

Laundry Basket  
 Luck, Wisconsin  
 Page 1 of 3

**ON-SITE MONITORING WELLS**

Top of Casing Screen Interval (measured in feet)	MW-1 100.00 95.69 - 85.69		MW-2 100.02 95.82 - 85.82		MW-3 100.09 95.61 - 85.61		MW-4 103.54 96.30 - 86.30		MW-5 100.45 96.36 - 86.36		PZ-1 99.92 65.77 - 60.77		MW-6 99.97 96.36 - 86.36		PZ-6 99.77 65.75 - 60.75		MW-7 101.78 94.52 - 84.52		PZ-7 102.02 65.88 - 60.88	
	USGS Elev	1219.56	USGS Elev	1219.57	USGS Elev	1219.61	USGS Elev	1223.17	USGS Elev	1219.98	USGS Elev	1219.47	USGS Elev	1219.54	USGS Elev	1219.32	USGS Elev	1221.39	USGS Elev	1221.62
	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation
13-Apr-06	6.41	93.59	6.42	93.60	6.44	93.65	9.81	93.73	6.83	93.62	6.33	93.59								
17-Aug-06	7.25	92.75	7.28	92.74	7.24	92.85	10.67	92.87	7.67	92.78	7.17	92.75								
13-Dec-06	7.69	92.31	7.72	92.30	7.68	92.41	11.12	92.42	8.11	92.34	7.60	92.32								
2-May-07	7.23	92.77	7.25	92.77	7.24	92.85	10.72	92.82	7.63	92.82	7.15	92.77								
29-Jan-08	7.92	92.08	7.95	92.07	7.9	92.19	11.41	92.13	8.41	92.04	7.82	92.10	8.01	91.96						
23-Apr-08	6.24	93.76	6.2	93.82	6.25	93.84	9.67	93.87	6.69	93.76	6.13	93.79	6.27	93.7						
14-May-08	6.46	93.54	6.48	93.54	6.48	93.61	9.94	93.6	6.9	93.55	6.38	93.54	6.53	93.44	6.23	93.54	8.47	93.55	8.75	91.29
27-Aug-08	7.88	92.12	7.91	92.11	7.84	92.25	11.34	92.2	8.48	91.97	7.77	92.15	7.95	92.02	7.69	92.08	9.93	92.09	10.21	89.83
24-Nov-08	7.87	92.13	7.90	92.12	7.86	92.23	11.36	92.18	8.27	92.18	7.77	92.15	7.92	92.05	7.62	92.15	9.85	92.17	10.13	89.91
23-Apr-09	7.77	1211.79	7.78	1211.79	7.75	1211.86	11.25	1211.92	8.14	1211.84	7.66	1211.81	7.82	1211.72	7.57	1211.75	9.75	1211.87	10.02	1209.54
2-Jun-11	6.62	1212.94	6.62	1212.95	6.58	1213.03	10.09	1213.08	6.99	1212.99	6.48	1212.99	6.71	1212.83	6.27	1213.05	8.58	1213.04	8.87	1210.69
17-Nov-11	7.99	1211.57	8.01	1211.56	7.91	1211.70	11.46	1211.71	8.43	1211.55	7.83	1211.64	8.08	1211.46	7.67	1211.65	10.00	1211.62	10.28	1209.28
13-Feb-12	8.39	1211.17	8.40	1211.17	8.31	1211.30	11.85	1211.32	8.73	1211.25	8.24	1211.23	8.49	1211.05			10.38	1211.24	10.67	1208.89
11-Apr-12	7.72	1211.84	7.73	1211.84	7.67	1211.94	11.17	1212.00	8.06	1211.92										
11-Apr-12	7.55	1212.01	7.59	1211.98	7.18	1212.43	10.65	1212.52	7.69	1212.29										
15-May-12	7.06	1212.50	7.07	1212.50	7.07	1212.54	10.83	1212.34	7.40	1212.58	6.95	1212.52	7.15	1212.39	6.76	1212.56	9.04	1212.58	9.33	1210.23
28-Aug-12	7.99	1211.57	7.99	1211.58	7.87	1211.74	11.40	1211.77	8.55	1211.43	7.79	1211.68	8.10	1211.44	7.68	1211.64	10.02	1211.6	10.30	1209.26
7-Jan-13	8.65	1210.91	8.65	1210.92	8.56	1211.05	12.09	1211.08	9.20	1210.78	8.48	1210.99	8.77	1210.77	8.34	1210.98	10.62	1211	10.89	1208.67
31-Jul-13	7.61	1211.95	7.59	1211.98	7.49	1212.12	11.00	1212.17	7.90	1212.08	7.43	1212.04	7.72	1211.82	7.28	1212.04	9.62	1212	9.91	1209.65
27-Oct-13	7.67	1211.89	7.74	1211.83	7.63	1211.98	11.15	1212.02	8.00	1211.98			7.77	1211.77			9.66	1211.96		
26-Feb-14	8.92	1210.64	8.89	1210.68	8.79	1210.82	12.31	1210.86	9.21	1210.77			9.11	1210.43			10.97	1210.65		
27-May-14	6.36	1213.20	6.34	1213.23	6.27	1213.34	9.71	1213.46	6.80	1213.18	6.21	1213.26	6.51	1213.03	5.99	1213.33	8.35	1213.27	8.60	1210.96
11-Aug-14	7.52	1212.04	7.51	1212.06	7.38	1212.23	11.48	1211.69	8.11	1211.87			7.71	1211.83			9.53	1212.09		
1-Dec-14	7.45	1212.11	7.44	1212.13	7.32	1212.29	10.82	1212.35	7.76	1212.22			7.65	1211.89			9.46	1212.16	9.75	1209.81
16-Jul-15	6.89	1212.67	6.86	1212.71	6.79	1212.82	10.27	1212.90	7.14	1212.84	6.70	1212.77	7.08	1212.46	6.65	1212.67	8.91	1212.48	9.14	1212.48
22-Oct-15	7.21	1212.35	7.2	1212.37			10.59	1212.58	7.48	1212.5			7.36	1212.18			9.25	1212.14		
28-Jun-16	7.18	1212.38	7.18	1212.39	7.06	1212.55	10.57	1212.60	7.49	1212.49	6.97	1212.50	7.31	1212.23	6.77	1212.55	9.21	1212.18		
13-Sep-16	6.55	1213.01	6.57	1213					6.9	1213.08			6.68	1212.86			8.57	1212.82		
12-Dec-16	6.73	1212.83	6.74	1212.83					7.08	1212.9			6.77	1212.77			8.66	1212.73		
15-Mar-17	6.87	1212.69	6.81	1212.76					7.07	1212.91			6.93	1212.61			8.82	1212.57		





**Attachment A.6**  
**Monitoring Well Completion Information and Water Table Summary**  
 Laundry Basket  
 Luck, Wisconsin  
 Page 3 of 3

**OFF-SITE MONITORING WELLS (Equity Co-op Site BRRs # 03-49-000685)**

Top of Casing	MW-2 99.99		MW-3A 103.03		MW-4A 99.31		MW-5 102.20 USGS Elev 1221.75		MW-6 99.06		MW-7 99.90 USGS Elev 1219.54 post 5/2012 1219.47		PZ-1 99.60		MW-8 USGS Elev 1218.80	
	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation
13-Apr-06																
17-Aug-06	7.34	92.65	10.33	92.70	6.64	92.67	9.65	92.55	6.48	92.58	7.17	92.73	6.95	92.65		
13-Dec-06	7.79	92.20	10.78	92.25	7.07	92.24	10.08	92.12	6.91	92.15	7.62	92.28	7.38	92.22		
2-May-07	7.37	92.62	10.32	92.71	7.61	91.70	9.62	92.58	6.52	92.54	7.16	92.74	6.90	92.70		
14-May-08											6.44	93.46				
27-Aug-08											7.84	92.06				
24-Nov-08											7.83	92.07				
23-Apr-09							10.09	1211.66			7.75	1211.79			7.25	1211.55
2-Jun-11							8.89	1212.86			6.61	1212.93				
17-Nov-11							10.32	1211.43			7.97	1211.57				
13-Feb-12											8.43	1211.11				
11-Apr-12											7.60	1211.94				
11-Apr-12											7.61	1211.93				
15-May-12											7.11	1212.36				
28-Aug-12											7.85	1211.62				
7-Jan-13											8.53	1210.94				
31-Jul-13							9.92	1211.83			7.50	1211.97			7.12	1211.68
27-Oct-13							10.04	1211.71			7.56	1211.91				
26-Feb-14											8.90	1210.57				
27-May-14							8.60	1213.15			6.32	1213.15				
11-Aug-14							9.95	1211.80			7.46	1212.01				
1-Dec-14							9.76	1211.99			7.43	1212.04				
16-Jul-15							9.15	1212.60			6.88	1212.59				
22-Oct-15							9.53	1212.22			7.16	1212.31				
28-Jun-16							9.45	1212.30			7.15	1212.32				
13-Sep-16							8.85	1212.90			6.51	1212.96				
12-Dec-16							8.93	1212.82			6.62	1212.85				
15-Mar-17							9.05	1212.70			6.74	1212.73				

Notes:  
 Elevation is relative to a site established benchmark established as 100.00 feet  
 DTW = Depth to water from top of riser measured in feet  
 April 11, 2012 measurements were taken before and after injection of why substrate

**Attachment A.7  
NATURAL ATTENUATION DATA**

Laundry Basket  
Luck, Wisconsin

Well ID	Date	Temperature-Celsius	Specific Cond. (mS/cm)	Dissolved Oxygen (mg/L)	pH	Salinity	DO% (% satur)	ORP-mV	Ethane ug/L	Ethene ug/L	Methane ug/L	Sulfate mg/L	Alkalinity mg/L	N03+N02, Nitrogen mg/L	Iron mg/L	DOC mg/L	
MW-1	12/1/2006	11.28	0.298	0.52	9.2	0.14	5	96									
	5/1/2007	6.98	0.489	0.45	8.4	0.23	4.9	-37									
	11/24/2008	13.04	0.757	0.23	6.76	0.37	2.6	90									
	6/2/2011	8.5	0.412	0.34	6.17	0.20	3.2	216	<0.500	<0.500	131	16	71	2.2	4.2	3.1	
	11/18/2011	13.78	0.319	0.67	6.39	0.15	6.6	166			379	15		0.23	0.17	2.5	
	2/13/2012	8.16	0.374	1.22	6.43	0.17	10.6	207			614	8.0		<0.024	4.0	4.3	
	4/11/2012			0.04				264									
	5/15/2012	11.16	0.453	0.29	5.93	0.23		203	<6.2	<6.2	357	13.1		<0.10	24.1	7.0	
	8/29/2012	19.19	0.602	0.47	6.22	0.29		212	<6.2	<6.2	229	13.2		2.7	16.5	3.7	
	1/7/2013	11.05	0.524	0.45	6.24	0.25		212	<6.2	<6.2	1010	14.4		0.34	10.5	6.1	
	7/31/2013	17.13	0.984	0.86	5.98	0.48		95	<6.2	<6.2	3090	<2.5		<0.10	60.6	23.2	
	10/27/2013	15.92	0.396	0.49	6.34	0.19		165	<6.2	<6.2	12400	5.5		<0.10	16.1	4.1	
	2/26/2014	6.92	0.449	0.42	6.85	0.21		190	<6.2	<6.2	6830	8.1		0.10	10.6	6.0	
	5/27/2014	6.65	0.942		7.44	0.46		71	<6.2	<6.2	9510	6.5		0.60	29.2	13.3	
	8/11/2014	15.8	0.497	1.28	6.62	0.24		45									
	12/1/2014	12.16	0.566	0.26	8.84	0.27		230	<6.2	<6.2	14200	3.3		<0.10	19.8	6.2	
	7/16/2015	13.9	0.465	0.38	6.86	0.22	3.7	-215	<5.0	<0.47	14300	7.1		<0.050	18.2	5.2	
	10/22/2015	14.3	0.352	0.89	6.3	0.17		198	<5.0	<0.47	20500						
	6/28/2016	14.5	0.352	1.08	6.53	0.17		123	<0.87	<0.77	8890						
	9/13/2016	19.49	0.28	0.39	6.23	0.13		123									
12/13/2016	11.25	0.329	--	6.44	0.16		120	<0.87	<0.77	4180							
3/15/2017	7.37	0.304	1.12	6.44	0.14		172	<0.87	<0.77	2840							
MW-2	12/1/2006	9.79	0.197	0.93	8.36	0.09	8.2	434									
	5/1/2007	7.38	0.221	0.78	6.3	0.1	7.8	384									
	11/24/2008	12.06	0.375	0.40	6.3	0.18	4.3	230									
	6/2/2011	9.17	0.426	1.94	6.26	0.20	17.5	401	<0.500	<0.500	3.00	14	70	4.3	<0.040	2.0	
	4/11/2012			0.04				304									
	1/7/2013	11.55	0.333	0.58	6.07	0.16		414									
	7/16/2015	14.9	0.331	0.77	6.94	0.16	7.7	-49									
	10/22/2015	14.5	0.334	1.01	6.44	0.16		321									
	6/28/2016	16.06	0.32	0.76	6.54	0.15		439									
	9/13/2016	17.42	0.345	1.04	6.22	0.16		362									
	12/13/2016	11.87	0.447	0.86	6.42	0.21		372									
	3/15/2017	7.8	0.282	0.33	6.32	0.13		325									
	MW-3	12/1/2006	9.74	0.383	2.07	8.09	0.18	18.1	527								
5/1/2007		6.17	0.408	2.41	6.20	0.19	23.2	363									
11/24/2008		12.35	0.433	1.16	6.62	0.21	12.9	284									
6/2/2011		8.73	0.349	2.18	6.10	0.16	19.3	435	<0.500	<0.500	<0.500	20	68	6.5	<0.040	5.9	
4/11/2012				1.60				243									
1/7/2013		10.32	0.472	1.80	6.37	0.22		295									
7/16/2015		12.9	0.376	0.89	7.09	0.18	8.4	-90									
6/28/2016	12.62	0.345	2.19	6.64	0.16		279										

**Attachment A.7  
NATURAL ATTENUATION DATA**

Laundry Basket  
Luck, Wisconsin

Well ID	Date	Temperature-Celsius	Specific Cond. (mS/cm)	Dissolved Oxygen (mg/L)	pH	Salinity	DO% (% satur)	ORP-mV	Ethane ug/L	Ethene ug/L	Methane ug/L	Sulfate mg/L	Alkalinity mg/L	N03+N02, Nitrogen mg/L	Iron mg/L	DOC mg/L	
MW-4	12/1/2006	10.4	0.303	0.91	8.85	0.14	8.2	194									
	5/1/2007	5.91	0.277	0.34	5.95	0.13	3.5	308									
	11/24/2008	9.56	0.496	0.97	5.76	0.24	9.9	256									
	4/9/2009	6.95	0.305	0.61	6.14	0.14	5.9	332									
	6/2/2011	8.34	0.232	0.70	5.63	0.11	6.2	365	<0.500	<0.500	<0.500	23	51	3.5	0.068	14	
	11/18/2011	12.5	0.257	2.40	5.80	0.12	24.7	248			<0.500	18		1.8	0.50	9.1	
	2/13/2012	8.55	0.269	2.78	5.99	0.13	24.1	277			<0.211	22		2.4	0.074	7.6	
	4/11/2012			0.80				270									
	5/15/2012	9.40	0.235	1.56	5.64	0.11		354	<6.2	<6.2	<6.6	26.7		2.0	15.7	14.9	
	8/29/2012	15.47	0.261	1.81	5.71	0.12		334	<6.2	<6.2	<6.6	43.3		2.6	4.62	12.0	
	1/7/2013	11.21	0.227	1.74	5.64	0.11		305	<6.2	<6.2	<6.6	15.0		5.9	3.06	4.5	
	2/26/2014	8.24	0.187	1.08	6.62	0.09		392	<6.2	<6.2	13.1	29.3		1.5	0.153	14.2	
	5/27/2014	6.23	0.173		7.91	0.08		158									
	8/11/2014	15.30	0.156	1.54	6.34	0.07		138									
	12/1/2014	12.40	0.166	0.60	7.92	0.11		160									
	7/16/2015	9.40	0.167	1.36	6.71	0.08	12.0	-19									
	10/22/2015	13.50	0.182	1.87	6.10	0.09		334	<5.0	<0.47	6.0						
6/28/2016	10.56	0.142	1.38	6.36	0.07		303										
MW-5	12/1/2006	11.37	0.232	0.76	8.72	0.11	6.8	221									
	5/1/2007	8.91	0.244	0.91	6.02	0.1	9.1	388									
	11/24/2008	12.76	0.400	0.27	6.46	0.19	3.4	149									
	6/2/2011	10.40	0.267	1.17	6.15	0.12	10.7	226	0.504	<0.500	32.9	18	69	4.2	2.8	6.3	
	11/18/2011	13.70	0.273	1.06	6.23	0.13	10.6	198			37.4	22		2.8	0.57	9.8	
	2/13/2012	8.87	0.265	1.62	6.26	0.12	13.2	263			36.4	30		3.5	0.13	4.7	
	4/11/2012			0.02				198									
	5/15/2012	12.35	0.218	0.25	5.86	0.10		275	<6.2	<6.2	21.6	16.3		0.47	1.79	8.5	
	8/28/2012	18.36	0.554	0.39	6.12	0.27		209				8.0					
	1/7/2013	11.58	0.281	0.56	6.27	0.13		270	<6.2	<6.2	7390	5.6		1.2	3.53	5.0	
	7/31/2013	18.13	0.630	0.47	6.05	0.30		59	<6.2	<6.2	1120	<2.5		<0.10	35.6	74.3	
	10/27/2013	15.05	0.247	0.66	6.35	0.12		111	<6.2	<6.2	5590	16.8		0.63	1.81	4.2	
	2/26/2014	9.96	0.221	0.40	6.70	0.10		329	<6.2	<6.2	8610	16.1		0.36	<0.050	5.3	
	5/27/2014	9.32	0.945		7.20	0.46		106	<6.2	<6.2	5840	18.2		1.0	6.68	48.4	
	8/11/2014	14.34	0.483	1.26	6.47	0.24		66									
	12/1/2014	11.93	0.245	0.29	8.80	0.12		-29	<6.2	<6.2	9580	14.7		1.06	0.172	4.5	
	7/16/2015	13.6	0.431	0.81	6.96	0.21	7.9	-231	<5.0	<0.47	7290	15.2		<0.050	2.72	4.1	
	10/22/2015	14.50	0.438	0.91	6.23	0.21		214	<5.0	<0.47	5280						
	6/28/2016	16.60	1.490	2.84	6.72	0.98		89	<0.87	<0.77	1870						
9/13/2016	18.30	0.228	0.07	6.28	0.10		136										
12/13/2016	PARAMETERS NOT COLLECTED, HYDROLAB FROZEN																
3/15/2017	9.34	0.912	0.83	6.38	0.44			150	<0.87	<0.77	2800						

**Attachment A.7  
NATURAL ATTENUATION DATA**

Laundry Basket  
Luck, Wisconsin

Well ID	Date	Temperature-Celsius	Specific Cond. (mS/cm)	Dissolved Oxygen (mg/L)	pH	Salinity	DO% (% satur)	ORP-mV	Ethane ug/L	Ethene ug/L	Methane ug/L	Sulfate mg/L	Alkalinity mg/L	N03+N02, Nitrogen mg/L	Iron mg/L	DOC mg/L
MW-6	11/24/2008	13.3	0.819	0.4	6.29	0.4	4.5	272								
	4/9/2009	6.8	0.752	0.94	7.25	0.36	8.9	305								
	6/2/2011	9.46	0.560	1.49	6.12	0.27	13.3	343	<0.500	<0.500	167	13	84	2.0	0.041	4.1
	5/15/2012	13.03	0.778	0.42	6.05	0.38		390	<6.2	<6.2	46.3	16.3		2.0	0.697	0.69
	8/29/2012	17.17	0.744	0.41	6.10	0.36		227	<6.2	<6.2	<6.6	17.8		2.3	1.48	0.58
	1/7/2013	11.18	0.785	0.91	5.91	0.38		414	<6.2	<6.2	17.7	9.4		0.86	1.25	1.0
	7/31/2013	14.45	0.627	0.62	5.95	0.3		277	<6.2	<6.2	2140	12.5		2.60	4.01	2.5
	10/27/2013	15.94	0.719	0.34	6.39	0.35		239	<6.2	<6.2	2410	11.5		2.20	0.745	0.8
	2/26/2014	7.20	0.470	0.51	6.90	0.22		356	<6.2	<6.2	4150	10.7		1.6	0.110	3.9
	5/27/2014	7.84	1.640		7.10	0.81		196	<6.2	<6.2	11500	16.4		0.62	0.488	0.81
	8/11/2014	15.26	0.970	1.36	6.36	0.47		119								
	12/1/2014	12.29	1.176	0.24	8.20	0.58		78	<6.2	<6.2	14400	14.6		1.94	<0.05	<0.50
	7/16/2015	14.0	0.119	0.50	6.29	0.58	4.9	49	<5.0	<0.47	15700	12.6		0.34	0.031	0.26
	10/22/2015	15.7	0.940	0.75	6.12	0.46		290	<5.0	<0.47	17500					
	6/28/2016	13.61	0.990	2.55	6.32	0.48		302	<0.87	<0.77	10300					
	9/13/2016	18.38	0.868	0.46	6.07	0.42		308								
	12/12/2016	11.51	0.857	0.74	6.11	0.42		287	<0.87	<0.77	5380					
3/15/2017	7.84	0.691	0.35	6.3	0.33		255	<0.87	<0.77	39.8						
MW-7	6/2/2011	7.65	0.562	4.50	6.10	0.27	39.1	407	<0.500	<0.500	<0.500	20	89	1.0	<0.040	3.8
	11/18/2011	14.08	0.632	1.02	6.14	0.30	10.3	163			27.3	10		1.2	0.063	1.3
	2/13/2012	8.44	0.629	1.76	6.29	0.30	15.5	290			3.42	12		1.3	0.085	1.4
	1/7/2013	11.42	0.564	1.95	5.80	0.27		409								
	7/31/2013	15.39	1.149	1.66	5.85	0.57		238	<6.2	<6.2	<6.6	19.4		1.2	12.7	2.8
	10/27/2013	15.04	0.824	1.03	6.24	0.40		217	<6.2	<6.2	<6.6	19.8		1.9	0.604	0.57
	2/26/2014	7.88	0.650	0.88	6.84	0.31		305	<6.2	<6.2	<6.6	11.3		1.6	<0.050	4.4
	5/27/2014	6.54	0.655		7.17	0.31		464	<6.2	<6.2	<6.6	35.4		0.85	<0.050	4.2
	8/11/2014	14.88	0.891	1.16	6.42	0.43		124								
	12/1/2014	12.85	0.833	1.91	8.56	0.40		65	<6.2	<6.2	<6.6	58.1		4.8	<0.050	1.2
	7/16/2015	13.2	0.793	1.56	6.39	0.38	15.1	70	<5.0	<0.47	1.6	27.1		1.8	<0.014	0.27
	10/22/2015	15	0.710	1.09	6.34	0.34		417	<5.0	<0.47	12.9					
	6/28/2016	13.4	0.858	2.42	6.51	0.42		459	<0.87	<0.77	<0.49					
	9/13/2016	18.53	0.591	1.15	6.17	0.29		410								
	12/12/2016	11.76	0.663	3.79	6.12	0.32		362	<0.87	<0.77	3					
	3/15/2017	5.3	0.688	2.64	6.21	0.32		310	<0.87	<0.77	698					
	MW-8	6/2/2011	7.45	1.007	5.85	5.97	0.49	51.3	383	<0.500	<0.500	<0.500	17	50	6.0	<0.040
7/16/2015		13.5	0.586	6.12	6.78	0.28	59.8	73								
6/28/2016		12.75	0.627	3.73	6.75	0.3		350								
MW-9	6/2/2011	7.58	0.894	3.80	5.78	0.43	32.8	455	<0.500	<0.500	<0.500	23	59	2.2	0.047	2.3
	7/16/2015	11.7	0.708	3.47	6.25	0.34	32.6	44								

**Attachment A.7  
NATURAL ATTENUATION DATA**

Laundry Basket  
Luck, Wisconsin

Well ID	Date	Temperature-Celsius	Specific Cond. (mS/cm)	Dissolved Oxygen (mg/L)	pH	Salinity	DO% (% satur)	ORP-mV	Ethane ug/L	Ethene ug/L	Methane ug/L	Sulfate mg/L	Alkalinity mg/L	N03+N02, Nitrogen mg/L	Iron mg/L	DOC mg/L
MW-10	6/2/2011	9.34	0.930	1.84	5.28	0.45	16.9	455	<0.500	<0.500	<0.500	20	25	1.0	<0.040	3.7
	10/27/2013	14.57	1.257	0.87	5.71	0.62		308	<6.2	<6.2	<6.6	20.3		1.3	0.311	2.3
	5/27/2014	7.61	0.857		6.60	0.4		457	<6.2	<6.2	<6.2	29.7		2.0	0.0553	18.2
	7/16/2015	13.8	0.382	0.54	5.83	0.18	5.2	79								
	10/22/2015	15.4	0.356	1.64	5.89	0.17		426								
	6/28/2016	16.15	0.384	1.24	5.96	0.18		461								
	9/13/2016	19.58	0.346	0.05	5.64	0.17		446								
	12/12/2016	11.57	0.317	2.25	5.62	0.15		387								
	3/15/2017	6.02	0.608	2.16	5.5	0.29		446								
MW-11	6/2/2011	6.63	0.682	4.40	6.46	0.33	37.6	487	<0.500	<0.500	<0.500	33	170	2.0	<0.040	4.4
	7/16/2015															
MW-12	7/16/2015	10.8	0.406	5.04	6.77	0.19	45.8	105								
	10/22/2015	9.6	0.317	4.61	6.87	0.15		367								
	6/28/2016	14.99	0.392	1.65	6.71	0.19		456								
MW-13	7/16/2015	12.9	0.201	7.31	6.53	0.09	69.7	107								
	10/22/2015	12.8	0.29	3.97	6.57	0.1		401								
	6/28/2016	15.12	0.213	3.38	7.09	0.1		454								
MW-14	6/28/2016	13.02	0.31	4.66	7.11	0.15		488								
	9/13/2016	14.91	0.29	7.4	6.73	0.14		439								
	12/12/2016	FROZEN BENTONITE: UNABLE TO OPEN WELL														
	3/15/2017	FROZEN BENTONITE: UNABLE TO OPEN WELL														

**Attachment A.7  
NATURAL ATTENUATION DATA**

Laundry Basket  
Luck, Wisconsin

Well ID	Date	Temperature- Celsius	Specific Cond. (mS/cm)	Dissolved Oxygen (mg/L)	pH	Salinity	DO% (% satur)	ORP-mV	Ethane ug/L	Ethene ug/L	Methane ug/L	Sulfate mg/L	Alkalinity mg/L	N03+N02, Nitrogen mg/L	Iron mg/L	DOC mg/L
PZ-1	12/1/2006	NR	NR	NR	NR	NR	NR	NR								
	5/1/2007	10.55	0.544	1.73	7.23	0.26	18.8	326								
	11/24/2008	10.32	0.555	1.74	7.28	0.26	18.3	263								
	6/2/2011	9.83	0.555	1.86	7.57	0.27	17.1	352	<0.500	<0.500	<0.500	21	170	2.2	<0.040	1.8
	1/7/2013	11.52	0.615	3.17	7.42	0.29		184								
	7/16/2015	12.6	0.758	0.57	7.36	0.37	5.5	268								
6/28/2016	15.21	0.582	0.43	7.05	0.28		74									
PZ-6	6/2/2011	9.96	0.726	3.06	7.43	0.35	27.4	300	<0.500	<0.500	<0.500	25	180	1.6	0.046	2.0
	1/7/2013	11.05	0.771	3.38	7.23	0.37		383								
	7/16/2015	15.6	0.744	4.98	7.73	0.36	50.4	-7								
	6/28/2016	14.96	0.734	3.09	7.72	0.35		326								
PZ-7	6/2/2011	8.86	0.435	0.68	6.98	0.21	6.0	375	<0.500	<0.500	<0.500	19	150	0.92	<0.040	5.9
	1/7/2013	11.71	0.475	2.51	6.63	0.22		380								
	7/16/2015	13.8	0.379	1.67	7.33	0.18	16.5	22								
PZ-8	6/2/2011	9.58	0.754	3.53	7.24	0.36	32.2	315	<0.500	<0.500	<0.500	23	170	1.6	<0.040	2.1
	7/16/2015	15.8	0.782	6.36	7.70	0.38	64.9	38								
PZ-9	6/2/2011	8.69	0.261	1.23	6.22	0.12	10.9	441	<0.500	<0.500	<0.500	11	67	2.0	<0.040	2.1
	7/16/2015	12.7	0.318	0.81	7.12	0.15	8.2	-5								

**Attachment A.7  
NATURAL ATTENUATION DATA**

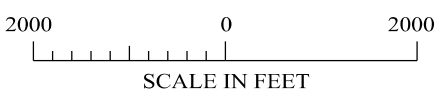
Laundry Basket  
Luck, Wisconsin

Well ID	Date	Temperature-Celsius	Specific Cond. (mS/cm)	Dissolved Oxygen (mg/L)	pH	Salinity	DO% (% satur)	ORP-mV	Ethane ug/L	Ethene ug/L	Methane ug/L	Sulfate mg/L	Alkalinity mg/L	N03+N02, Nitrogen mg/L	Iron mg/L	DOC mg/L
MW-2Eq	12/1/2006	12.07	0.487	1.5	8.43	0.23	14.1	290								
	5/1/2007	7.77	0.396	2.5	6.15	0.19	24.8	378								
MW-3Eq	12/1/2006	10.95	0.31	1.26	9.54	0.15	11.4	134								
	5/1/2007	7.77	0.411	0.92	6.94	0.19	9.2	295								
MW-4Eq	12/1/2006	11.54	0.608	0.87	9.12	0.29	8.2	204								
	5/1/2007	7.58	0.693	4.25	6.14	0.33	42.3	408								
MW-5Eq	7/16/2015	14	0.803	2.18	6.24	0.39	21.2	89								
	10/22/2015	13.4	0.728	1.27	6.10	0.35		433								
	6/28/2016	13.33	0.344	1.06	6.64	0.16		526								
	9/13/2016	14.46	0.393	0.55	6.01	0.19		421								
	12/12/2016	11.51	0.329	0.83	6.32	0.15		342								
	3/15/2017	8.03	0.361	0.57	6.34	0.17		361								
MW-6Eq	12/6/2007	NR	NR	NR	NR	NR	NR	NR								
	5/1/2007	7.58	0.539	1.65	5.9	0.26	16.6	460								
MW-7Eq	12/1/2006	11.73	0.326	1.7	8.17	0.15	15.7	453								
	5/1/2007	8.18	0.337	0.23	6.35	0.16	2.2	292								
	11/24/2008	13.86	0.325	0.47	6.14	0.15	5	310								
	4/23/2009	7.31	0.193	1.58	7.13	0.09	14.4	305								
	6/2/2011	9.68	0.342	0.42	5.90	0.16	3.7	387	<0.500	<0.500	42.1	13	53	3.6	<0.040	3.2
	4/11/2012			0.04				214								
	5/15/2012	13.35	0.384	0.38	5.77	0.18		430	<6.2	<6.2	31.0	17.7		3.1	0.275	7.0
	8/28/2012	19.72	0.342	0.23	5.97	0.16		250	<6.2	<6.2	6.9	16.4		3.3	0.634	5.1
	1/7/2013	11.79	0.373	0.45	5.73	0.18		278	<6.2	<6.2	140	8.5		0.81	3.3	6.2
	7/31/2013	15.72	0.392	0.52	5.70	0.19		268	<6.2	<6.2	15100	13.3		2.2	0.165	4.5
	10/27/2013	17.07	0.320	0.32	6.13	0.15		271	<6.2	<6.2	17100	11.1		1.6	0.118	6.8
	2/26/2014	6.37	0.273	0.49	6.52	0.13		401	<6.2	<6.2	14200	13.1		5.0	<0.050	5.2
	5/27/2014	7.52	1.43		7.04	0.70		202	<6.2	<6.2	9970	14.4		0.28	0.362	1.5
	8/11/2014	14.59	0.555	0.96	6.23	0.27		131								
	12/1/2014	13.12	0.577	0.26	8.39	0.27		-44	<6.2	<6.2	16400	11.2		2.0	<0.050	2.1
	7/16/2015	12.2	0.796	0.54	6.89	0.38	5.1	-54	<5.0	<0.47	14000	11.2		0.095	0.015	4.6
10/22/2015	16.1	0.739	0.69	6.21	0.36		293	<5.0	<0.47	10900						
6/28/2016	14.9	0.422	1.31	6.84	0.2		268	<0.87	<0.77	2960						
9/13/2016	20.32	0.367	0.32	6.37	0.18		310									
12/12/2016	11.74	0.685	0.42	6.33	0.33		282	<0.87	<0.77	2910						
3/15/2017	0.57	0.526	0.38	6.48	0.25		223	<0.87	<0.77	3240						

NR = Not Recorded during this sampling event  
DOC = Dissolved Organic Carbon  
Blank = Not Analyzed

Whey substrate injection occurred on October 12, 2011, April 11, 2012, and April 24, 2013





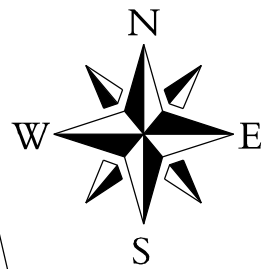
Luck Quadrangle  
 Wisconsin - Polk County  
 7.5 Minute Series (Topographic)

Contour Interval 10 Feet  
 1983

FIGURE B.1.a  
 LOCATION MAP  
 LAUNDRY BASKET  
 LUCK, WISCONSIN



TRANSPORTATION • MUNICIPAL  
 DEVELOPMENT • ENVIRONMENTAL  
 1835 N. Stevens St. Rhineland, WI 54501  
 715-362-3244 1-800-844-7854 Fax: 715-362-4116  
 Web Address: www.msa-ps.com  
 © 2017 PROFESSIONAL SERVICES



**LEGEND**

- P-1 KONICEK ENVIRONMENTAL CONSULTING SOIL BORING
- MW-5Eq MONITORING WELL ASSOCIATED WITH EQUITY CO-OP SITE
- SB-1/ MW-1 MONITORING WELL AND OR SOIL BORING COMPLETED BY MSA
- W WATERMAIN
- OH OVERHEAD ELECTRIC
- G UNDERGROUND GAS LINE
- T UNDERGROUND TELEPHONE
- SAN SANITARY SEWER MANHOLE AND UNDERGROUND LINE
- FO FIBER OPTIC
- SS STORM SEWER
- SUSPECTED LOCATION OF FORMER UST
- HA-1 VP-2 VAPOR/SOIL SAMPLE WITH LABEL
- SB-8 MSA SOIL BORING
- PROPERTY LINE
- FIBER OPTIC BOX/ COMMUNICATION BOX
- PIEZOMETER WELL
- WATER TABLE MONITORING WELL
- STORM SEWER GRATE
- VAPOR PROBE, APRIL 2013
- VAPOR PROBE, MARCH 2017

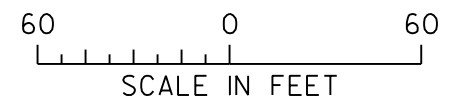
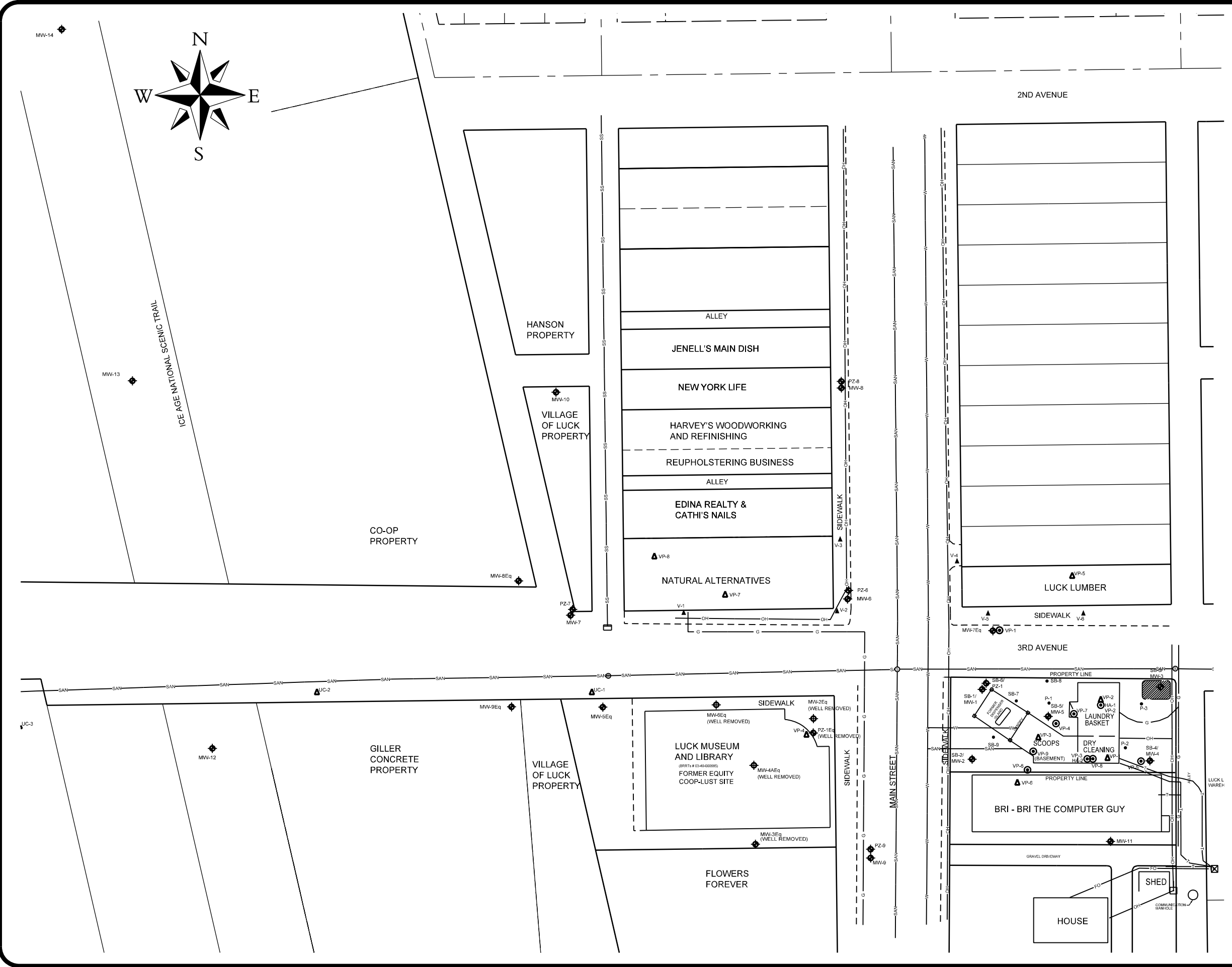


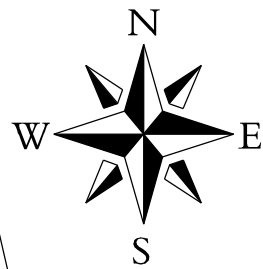
FIGURE B.1.b

**DETAILED SITE MAP  
LAUNDRY BASKET  
LUCK, WISCONSIN**



DRAWN BY CAR DATE 4/17 SHEET - of -  
CHECKED BY PK SCALE AS SHOWN FILE NO. FIGURE B1b





**LEGEND**

- P-1 ● KONICEK ENVIRONMENTAL CONSULTING SOIL BORING
- MW-5Eq ◉ MONITORING WELL ASSOCIATED WITH EQUITY CO-OP SITE
- SB-1 / MW-1 ◉ MONITORING WELL AND OR SOIL BORING COMPLETED BY MSA
- W— WATERMAIN
- OH— OVERHEAD ELECTRIC
- G— UNDERGROUND GAS LINE
- T— UNDERGROUND TELEPHONE
- SAN— SANITARY SEWER MANHOLE AND UNDERGROUND LINE
- FO— FIBER OPTIC
- SS— STORM SEWER
- ▨ SUSPECTED LOCATION OF FORMER UST
- HA-1 / VP-2 ◉ VAPOR/SOIL SAMPLE WITH LABEL
- SB-8 MSA SOIL BORING
- PROPERTY LINE
- ☒ FIBER OPTIC BOX / COMMUNICATION BOX
- ◉ PIEZOMETER WELL
- ◉ WATER TABLE MONITORING WELL
- ☐ STORM SEWER GRATE
- ▲ VAPOR PROBE, APRIL 2013
- ESTIMATED EXTENT OF GROUNDWATER PLUME EXCEEDING DNR ENFORCEMENT STANDARDS
- ESTIMATED EXTENT OF GROUNDWATER PLUME EXCEEDING DNR PREVENTATIVE ACTION LIMITS

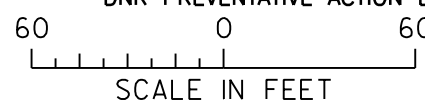
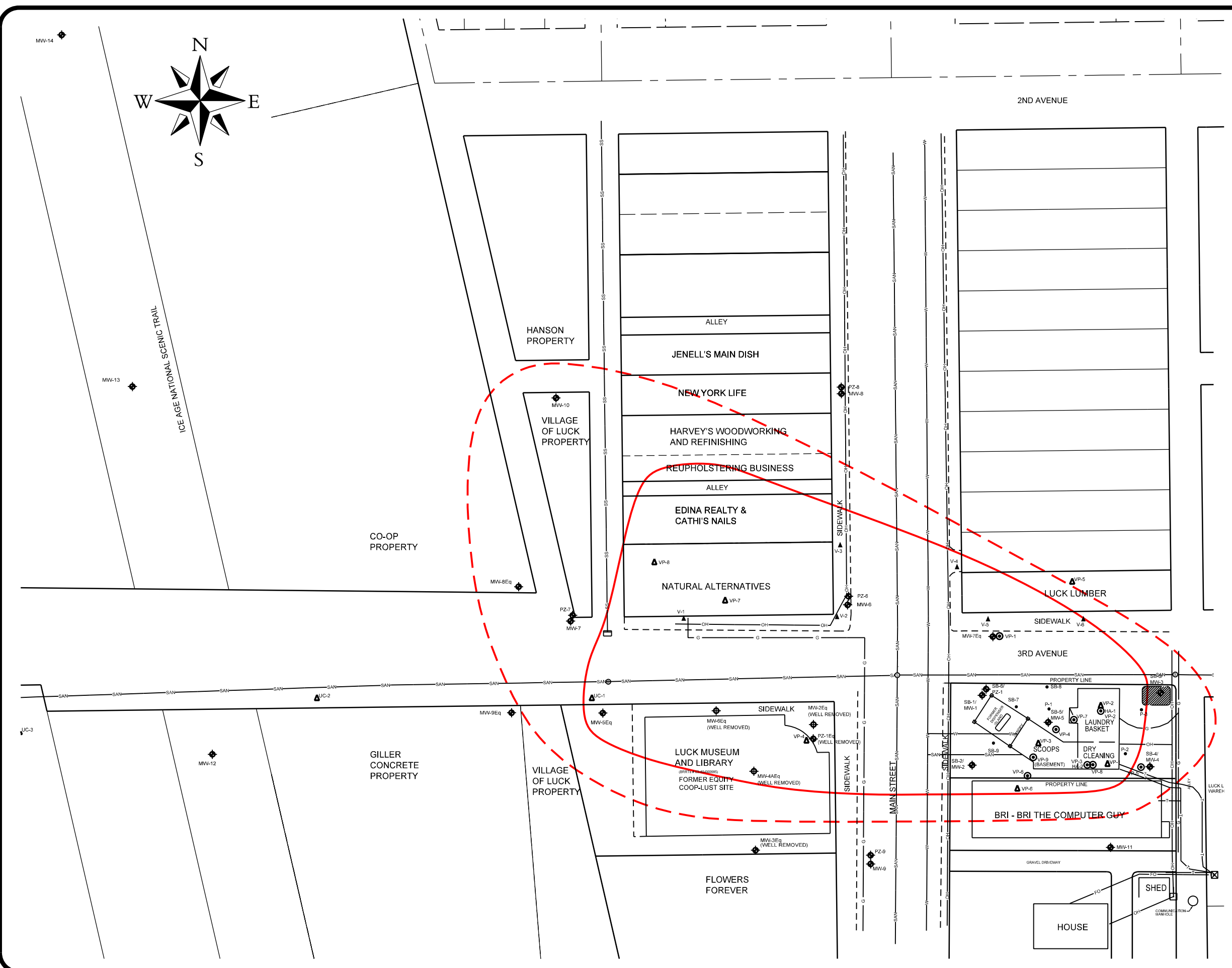


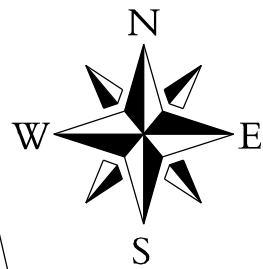
FIGURE B.3.b.1  
DECEMBER 2016  
GROUNDWATER ISOCONCENTRATION  
LAUNDRY BASKET  
LUCK, WISCONSIN

**MSA** TRANSPORTATION • MUNICIPAL DEVELOPMENT • ENVIRONMENTAL  
1835 N. Stevens St., Blaine, MN 55416  
 763-262-2344 FAX: 763-262-2354

PROFESSIONAL SERVICES

DRAWN BY CAR DATE 5/17 SHEET FILE NO. of -  
 CHECKED BY PK SCALE AS SHOWN 6080801site





**LEGEND**

- P-1 ● KONICEK ENVIRONMENTAL CONSULTING SOIL BORING
- MW-5Eq ◉ MONITORING WELL ASSOCIATED WITH EQUITY CO-OP SITE
- SB-1 / MW-1 ◉ MONITORING WELL AND OR SOIL BORING COMPLETED BY MSA
- W— WATERMAIN
- OH— OVERHEAD ELECTRIC
- G— UNDERGROUND GAS LINE
- T— UNDERGROUND TELEPHONE
- SAN— SANITARY SEWER MANHOLE AND UNDERGROUND LINE
- FO— FIBER OPTIC
- SS— STORM SEWER
- ▨ SUSPECTED LOCATION OF FORMER UST
- HA-1 / VP-2 ◉ VAPOR/SOIL SAMPLE WITH LABEL
- SB-8 MSA SOIL BORING
- PROPERTY LINE
- ☒ FIBER OPTIC BOX / COMMUNICATION BOX
- ◉ PIEZOMETER WELL
- ◉ WATER TABLE MONITORING WELL
- ☐ STORM SEWER GRATE
- ▲ VAPOR PROBE, APRIL 2013

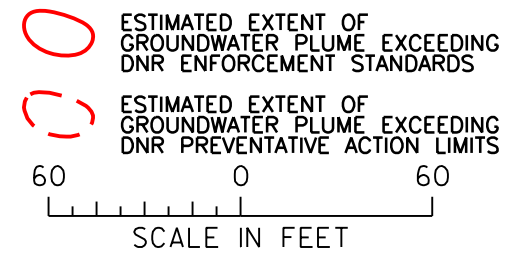
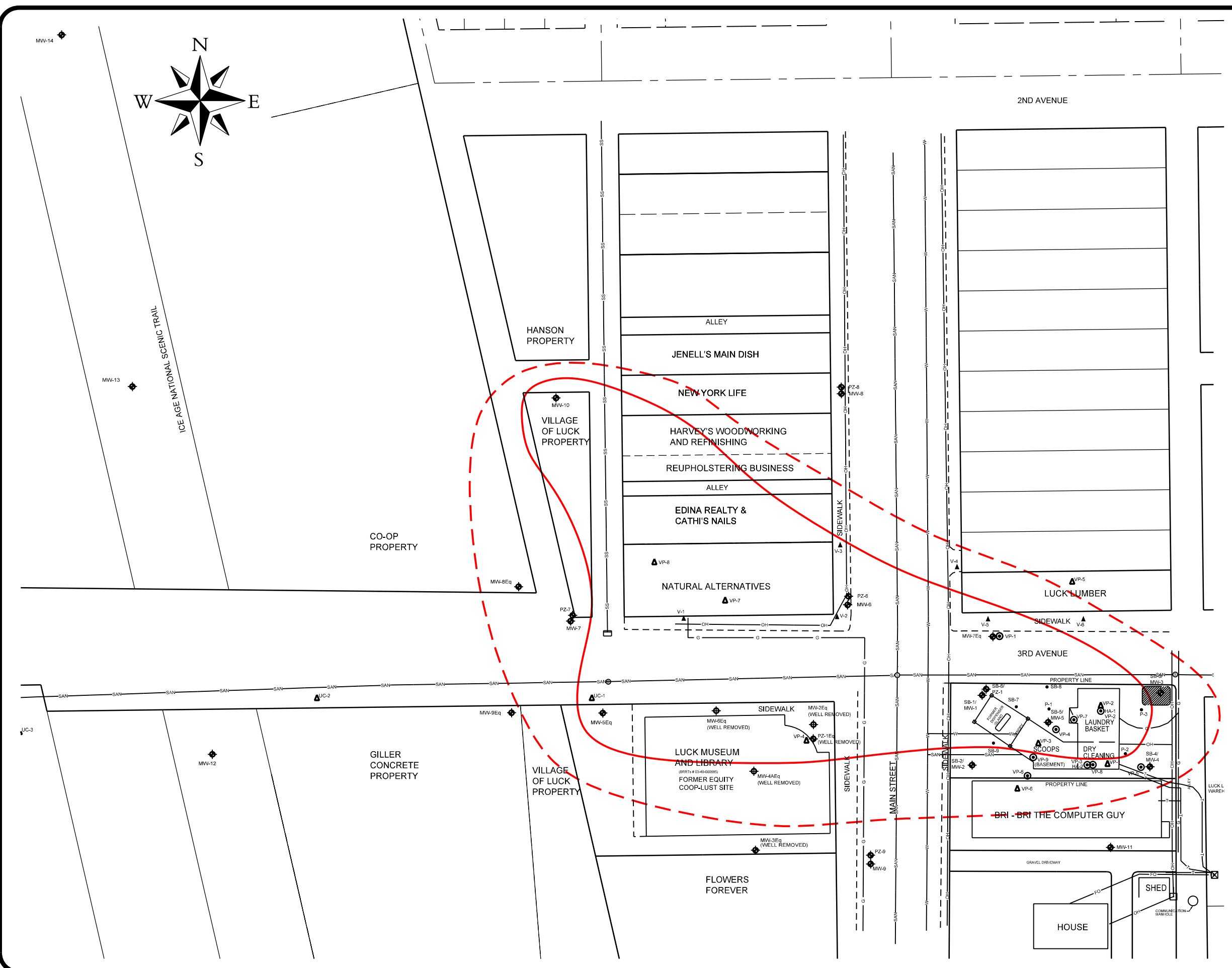


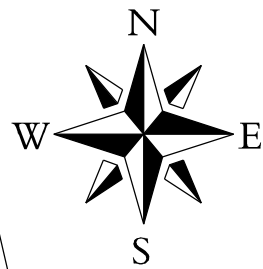
FIGURE B.3.b.2  
**MARCH 2017**  
**GROUNDWATER ISOCONCENTRATION**  
**LAUNDRY BASKET**  
**LUCK, WISCONSIN**

**MSA** TRANSPORTATION • MUNICIPAL DEVELOPMENT • ENVIRONMENTAL  
 1835 N. Stevens St., Blue Island, WI 54810  
 TEL: 920-2344 FAX: 920-2354  
 © MSA PROFESSIONAL SERVICES

DRAWN BY CAR DATE 5/17 SHEET FILE NO. of -  
 CHECKED BY PK SCALE AS SHOWN 6080801site







**LEGEND**

- P-1 KONICEK ENVIRONMENTAL CONSULTING SOIL BORING
- MW-5Eq MONITORING WELL ASSOCIATED WITH EQUITY CO-OP SITE
- SB-1/ MW-1 MONITORING WELL AND OR SOIL BORING COMPLETED BY MSA
- W— WATERMAIN
- OH— OVERHEAD ELECTRIC
- G— UNDERGROUND GAS LINE
- T— UNDERGROUND TELEPHONE
- SAN— SANITARY SEWER MANHOLE AND UNDERGROUND LINE
- FO— FIBER OPTIC
- SS— STORM SEWER
- SUSPECTED LOCATION OF FORMER UST
- HA-1 VP-2 VAPOR/SOIL SAMPLE WITH LABEL
- SB-8 MSA SOIL BORING
- PROPERTY LINE
- FIBER OPTIC BOX/ COMMUNICATION BOX
- PIEZOMETER WELL
- WATER TABLE MONITORING WELL
- STORM SEWER GRATE
- ▲ VAPOR PROBE, APRIL 2013
- ▲ VAPOR PROBE, MARCH 2017
- 1211.0 GROUNDWATER CONTOUR AND ELEVATION

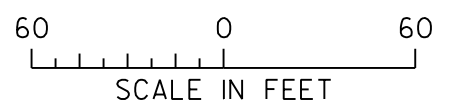
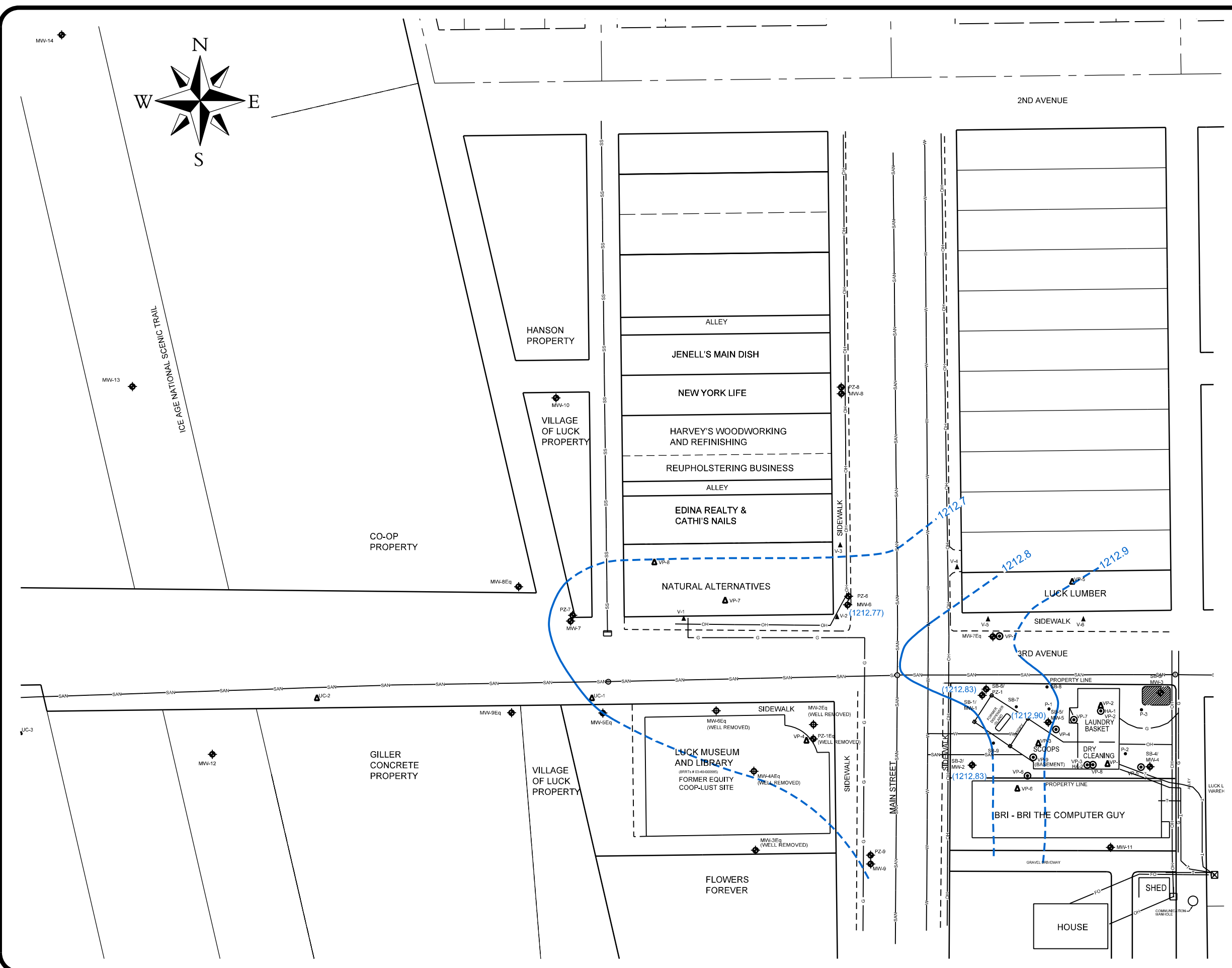


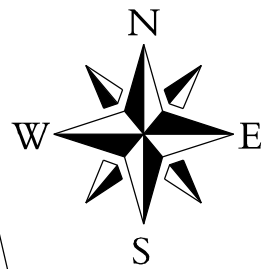
FIGURE B.3.c.1

**GROUNDWATER FLOW DIRECTION 12/12/2016  
LAUNDRY BASKET  
LUCK, WISCONSIN**



DRAWN BY CAR DATE 4/17 SHEET - of -  
CHECKED BY PK SCALE AS SHOWN FILE NO. FIGURE B3c1





**LEGEND**

- P-1 ● KONICEK ENVIRONMENTAL CONSULTING SOIL BORING
- MW-5Eq ◉ MONITORING WELL ASSOCIATED WITH EQUITY CO-OP SITE
- SB-1/ MW-1 ◉ MONITORING WELL AND OR SOIL BORING COMPLETED BY MSA
- W— WATERMAIN
- OH— OVERHEAD ELECTRIC
- G— UNDERGROUND GAS LINE
- T— UNDERGROUND TELEPHONE
- SAN— SANITARY SEWER MANHOLE AND UNDERGROUND LINE
- FO— FIBER OPTIC
- SS— STORM SEWER
- SUSPECTED LOCATION OF FORMER UST
- HA-1 VP-2 ◉ VAPOR/SOIL SAMPLE WITH LABEL
- SB-8 MSA SOIL BORING
- PROPERTY LINE
- FIBER OPTIC BOX/ COMMUNICATION BOX
- ◉ PIEZOMETER WELL
- ◉ WATER TABLE MONITORING WELL
- STORM SEWER GRATE
- ▲ VAPOR PROBE, APRIL 2013
- ▲ VAPOR PROBE, MARCH 2017
- 1211.0 GROUNDWATER CONTOUR AND ELEVATION

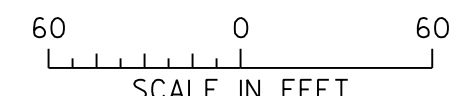
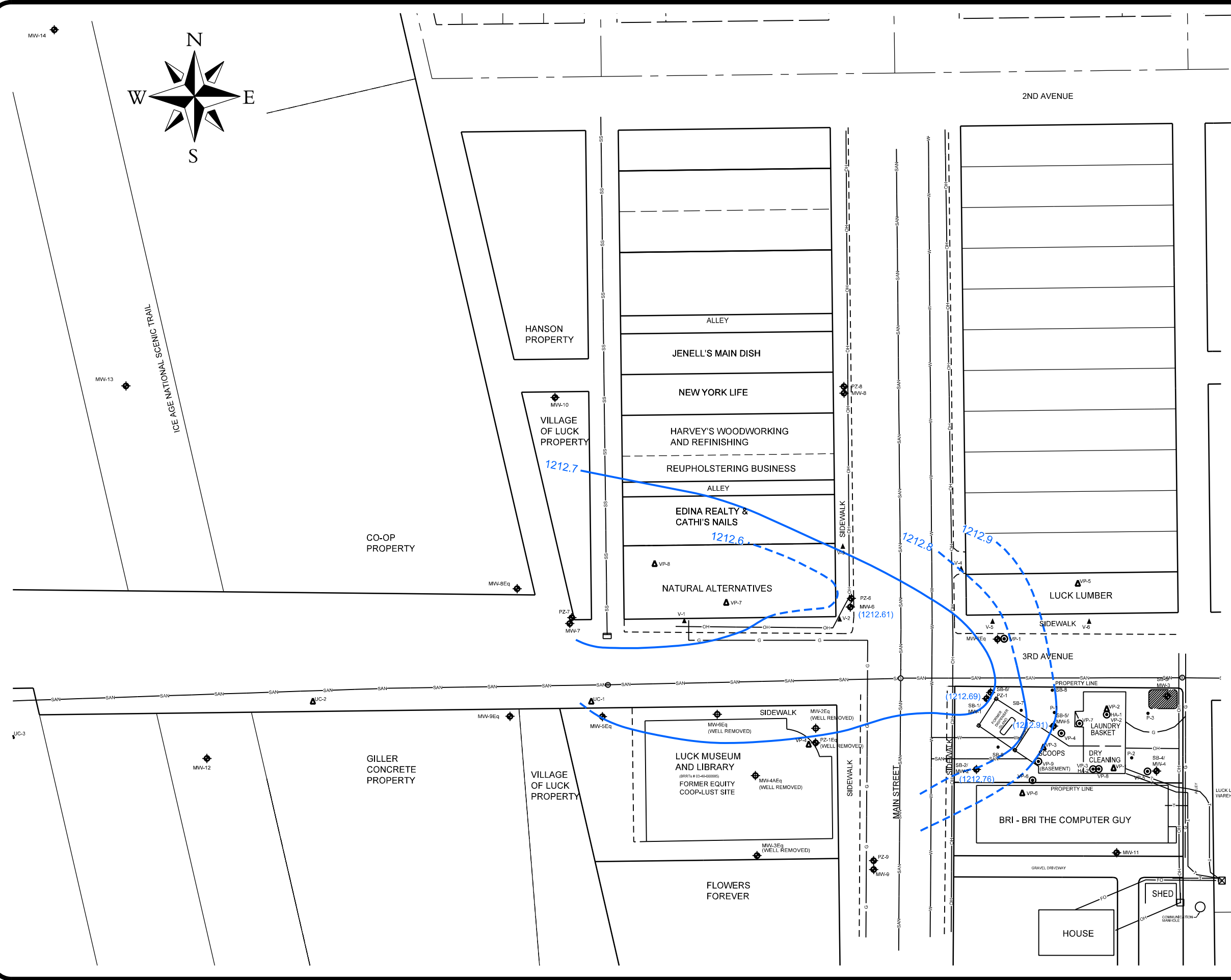


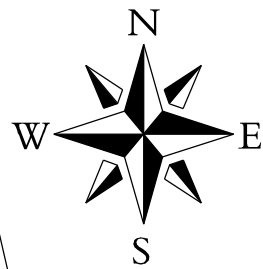
FIGURE B.3.c.2

**GROUNDWATER FLOW DIRECTION 3/15/17  
LAUNDRY BASKET  
LUCK, WISCONSIN**



DRAWN BY CAR DATE 4/17 SHEET FILE NO. - of -  
CHECKED BY PK SCALE AS SHOWN FIGURE B3c2





**LEGEND**

- P-1 KONICEK ENVIRONMENTAL CONSULTING SOIL BORING
- MW-5Eq MONITORING WELL ASSOCIATED WITH EQUITY CO-OP SITE
- SB-1/MW-1 MONITORING WELL AND/OR SOIL BORING COMPLETED BY MSA
- W WATERMAIN
- OH OVERHEAD ELECTRIC
- G UNDERGROUND GAS LINE
- T UNDERGROUND TELEPHONE
- SAN SANITARY SEWER MANHOLE AND UNDERGROUND LINE
- FO FIBER OPTIC
- SS STORM SEWER
- SUSPECTED LOCATION OF FORMER UST
- HA-1 VP-2 VAPOR/SOIL SAMPLE WITH LABEL
- SB-8 MSA SOIL BORING
- PROPERTY LINE
- FIBER OPTIC BOX/COMMUNICATION BOX
- PIEZOMETER WELL
- WATER TABLE MONITORING WELL
- STORM SEWER GRATE
- VAPOR PROBE, APRIL 2013
- VAPOR PROBE, MARCH 2017

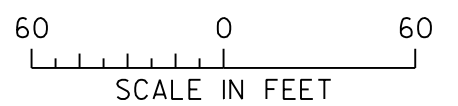
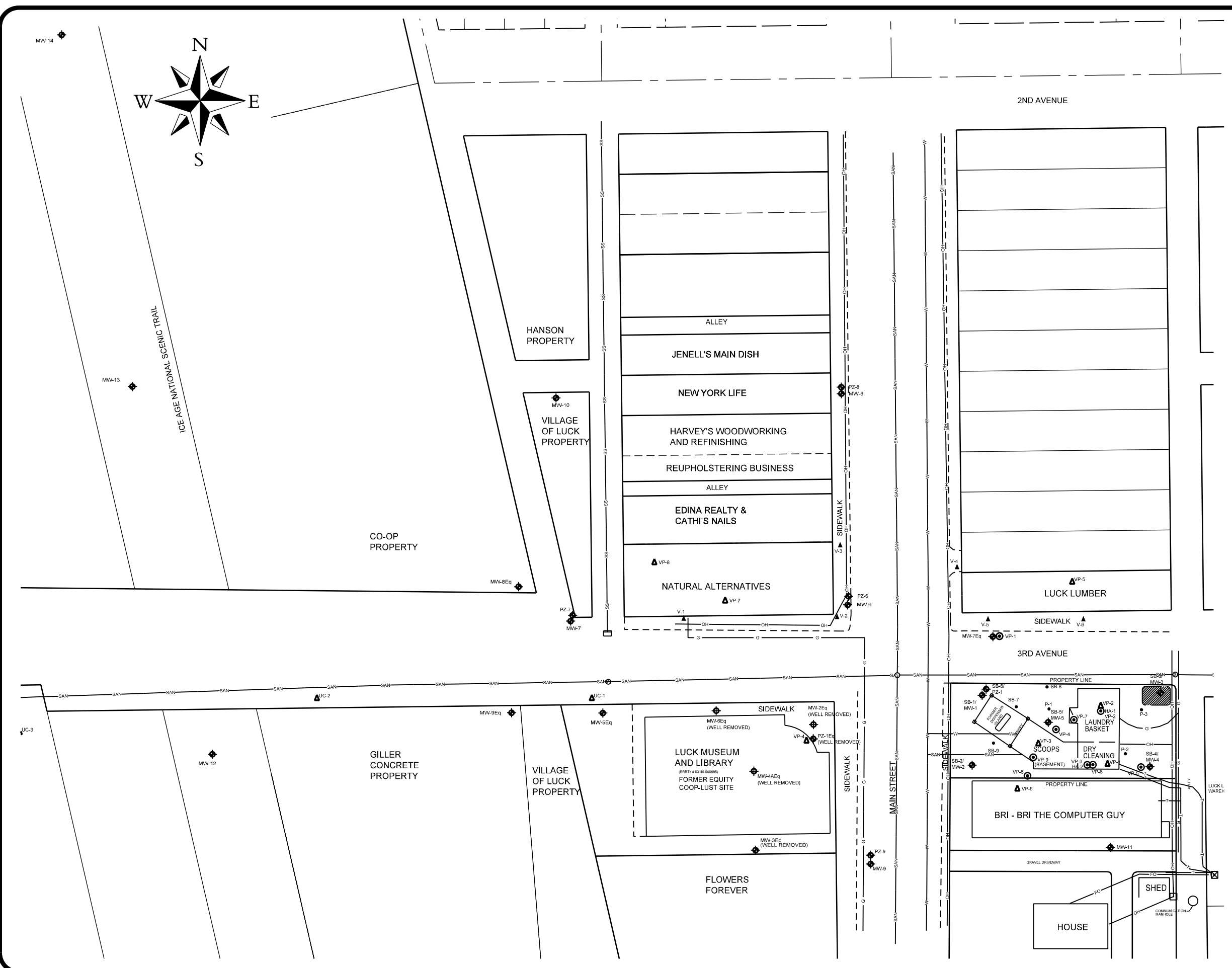


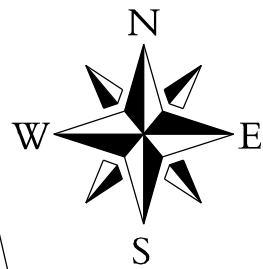
FIGURE B.3.d

**MONITORING WELLS  
LAUNDRY BASKET  
LUCK, WISCONSIN**



DRAWN BY CAR DATE 4/17 SHEET - of -  
CHECKED BY PK SCALE AS SHOWN FILE NO. FIGURE B3d





**LEGEND**

- P-1 ● KONICEK ENVIRONMENTAL CONSULTING SOIL BORING
- MW-5Eq ⊕ MONITORING WELL ASSOCIATED WITH EQUITY CO-OP SITE
- SB-1/ MW-1 ⊕ MONITORING WELL AND OR SOIL BORING COMPLETED BY MSA
- W— WATERMAIN
- OH— OVERHEAD ELECTRIC
- G— UNDERGROUND GAS LINE
- T— UNDERGROUND TELEPHONE
- ⊕SAN SANITARY SEWER MANHOLE AND UNDERGROUND LINE
- FO— FIBER OPTIC
- SS— STORM SEWER
- ▨ SUSPECTED LOCATION OF FORMER UST
- HA-1 VP-2 ⊕ VAPOR/SOIL SAMPLE WITH LABEL
- SB-8 MSA SOIL BORING
- PROPERTY LINE
- ⊠ FIBER OPTIC BOX/ COMMUNICATION BOX
- ⊕ PIEZOMETER WELL
- ⊕ WATER TABLE MONITORING WELL
- ⊠ STORM SEWER GRATE
- ▲ VAPOR PROBE, APRIL 2013
- ▲ VAPOR PROBE, MARCH 2017

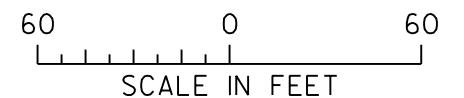


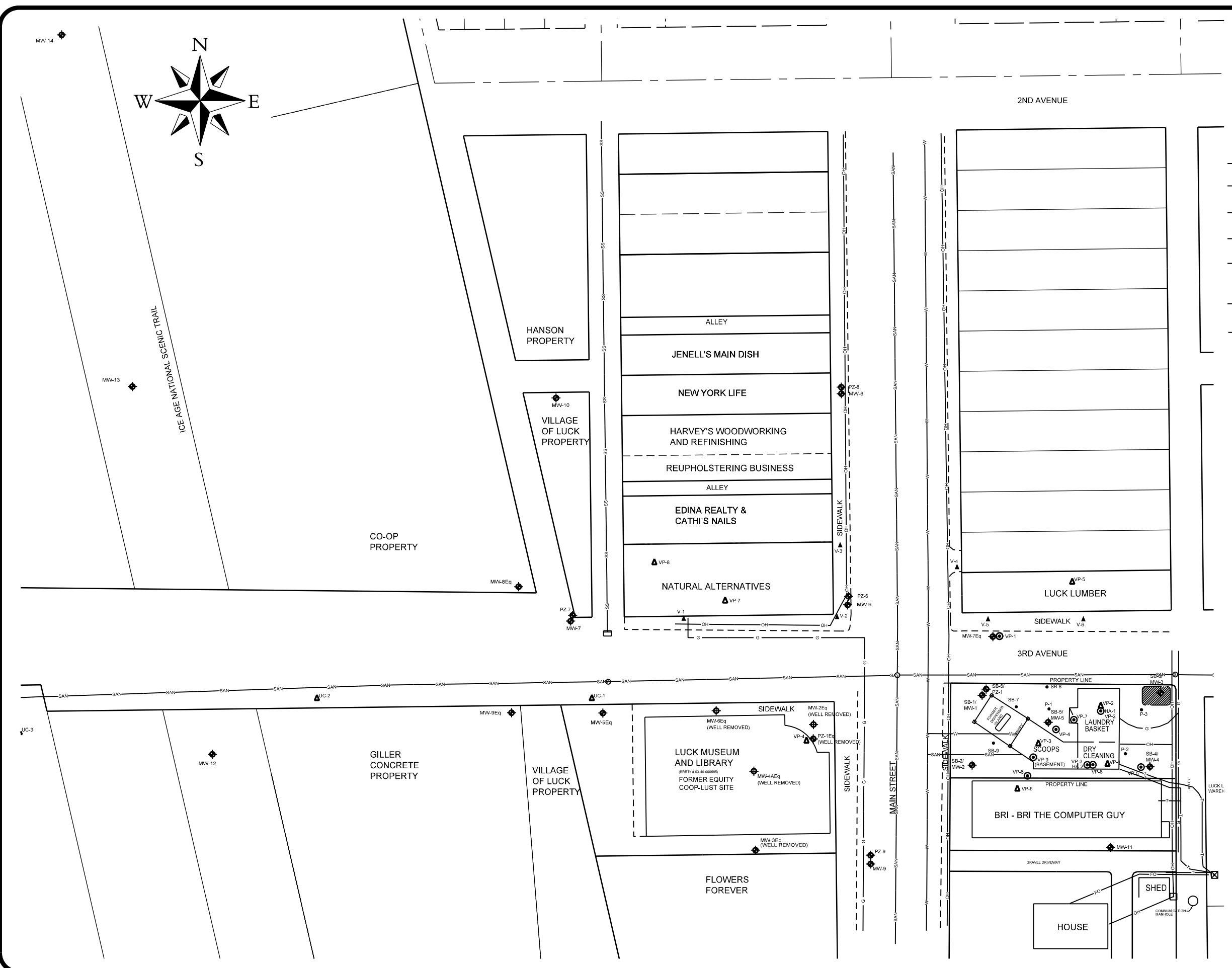
FIGURE B.4.a

**VAPOR INTRUSION MAP  
LAUNDRY BASKET  
LUCK, WISCONSIN**

**MSA** TRANSPORTATION • MUNICIPAL DEVELOPMENT • ENVIRONMENTAL  
1835 N. Stevens St., Blaine, MN 55416  
 763-262-2344 FAX: 763-262-2354

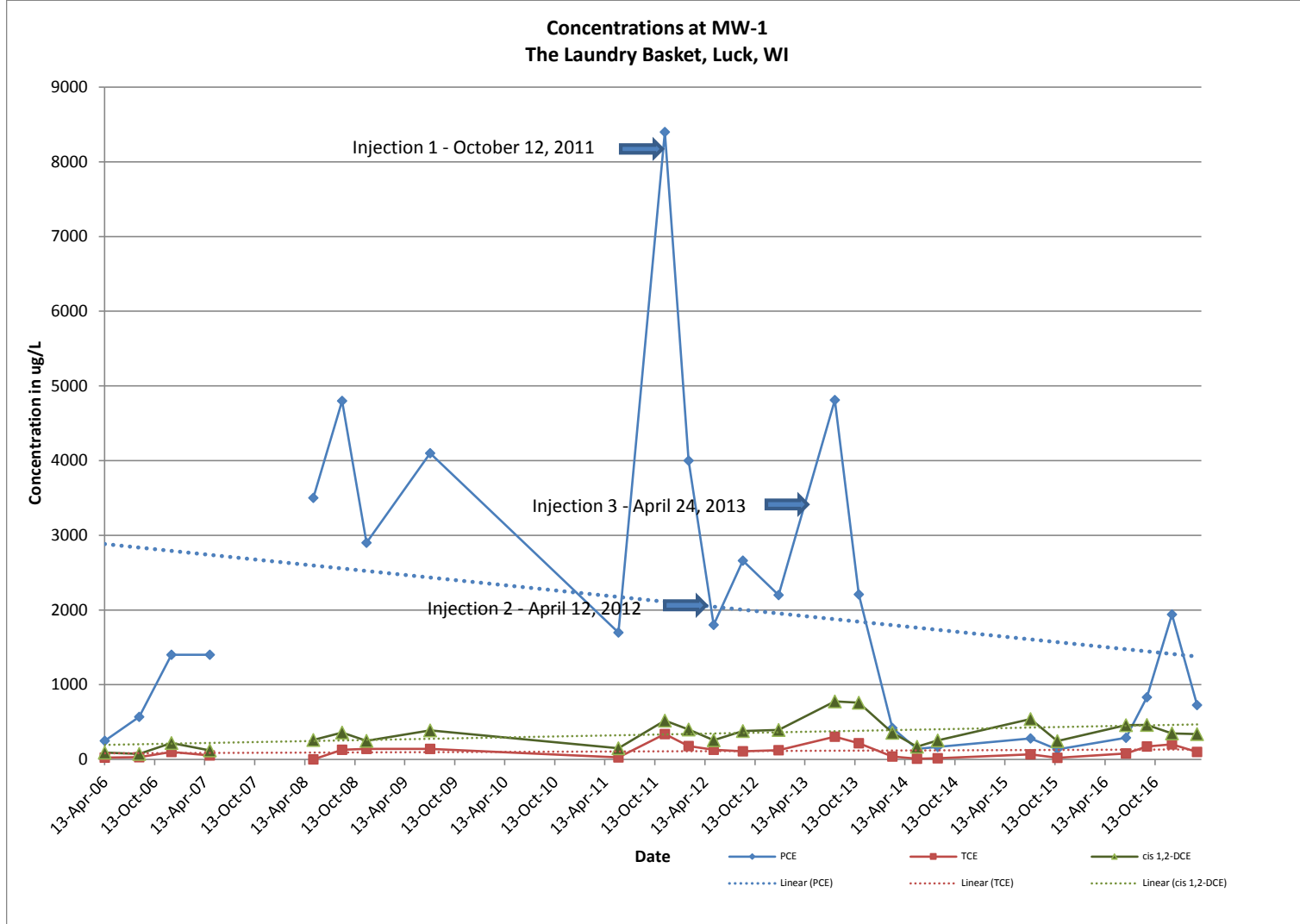
PROFESSIONAL SERVICES

DRAWN BY CAR DATE 4/17 SHEET - of -  
 CHECKED BY PK SCALE AS SHOWN FILE NO. FIGURE B4a

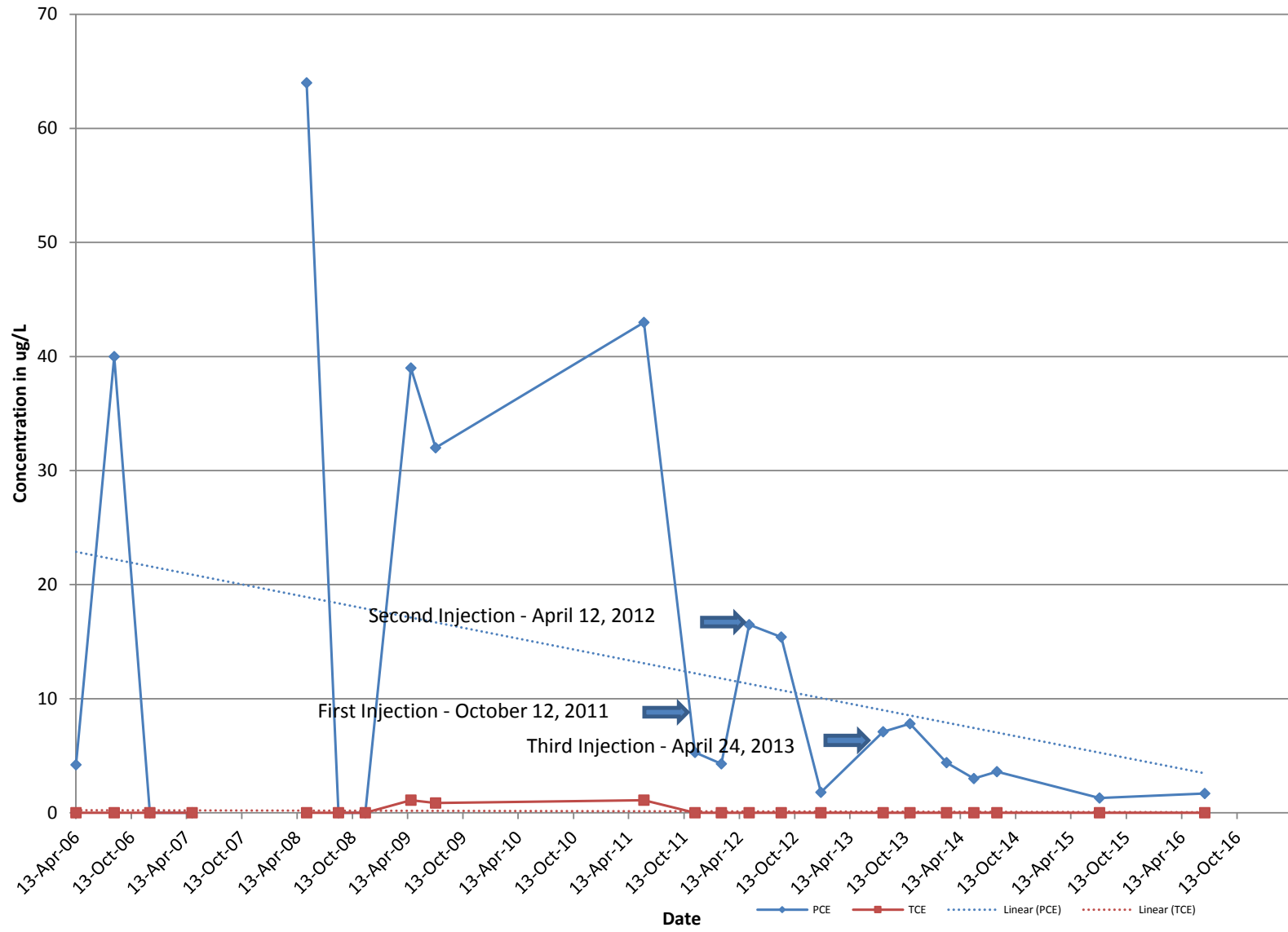




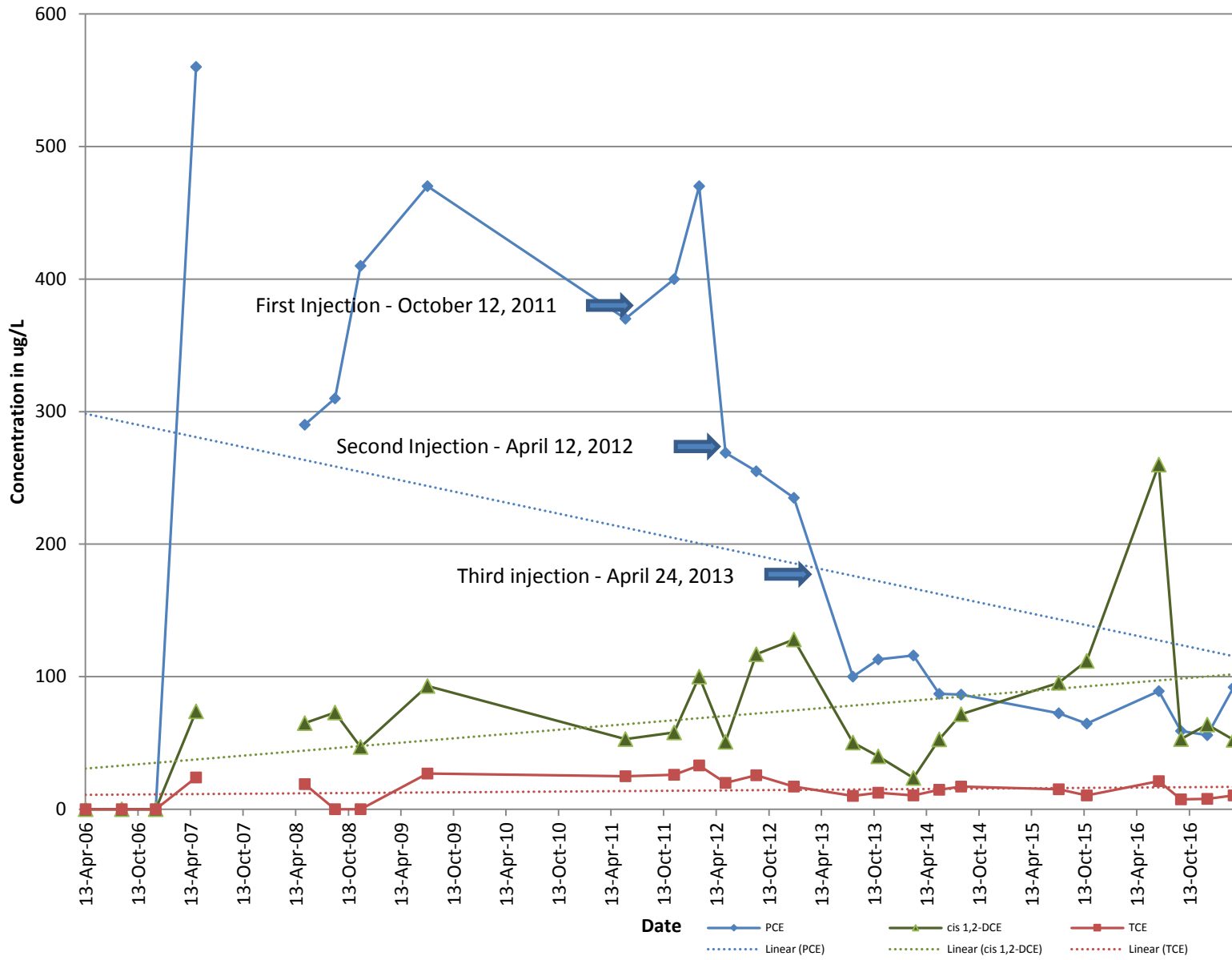
# C.6



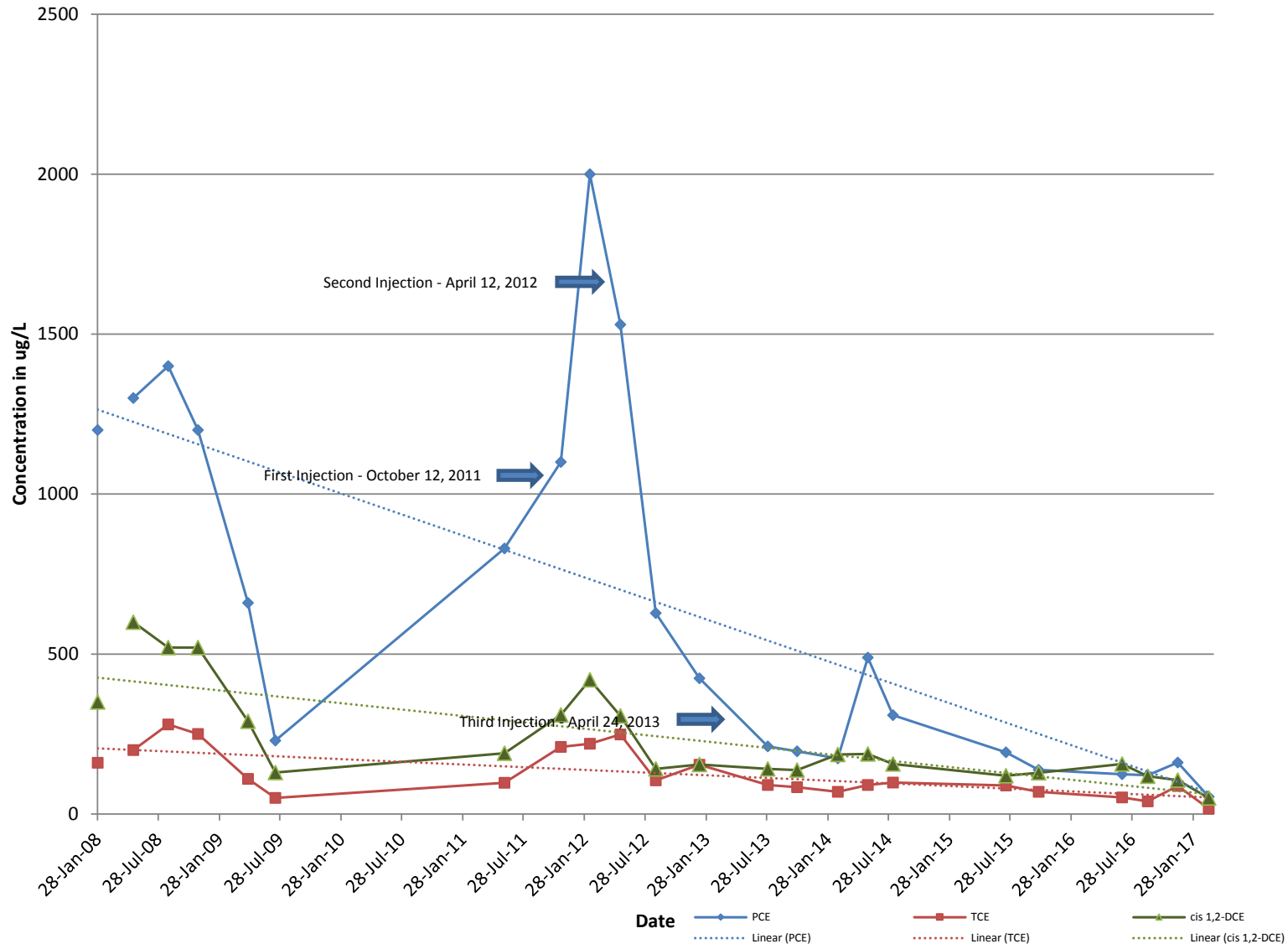
### Concentrations at MW-4 The Laundry Basket, Luck, WI



### Concentrations at MW-5 The Laundry Basket, Luck, WI



### Concentrations at MW-6 The Laundry Basket, Luck, WI



### Concentrations at MW-7EQ Laundry Basket, Luck, WI

