February 8, 2019

Phil Richard
Wisconsin Dept. of Natural Resources
875 S. 4th Avenue
Park Falls, WI 54552

Re: Status Report – Groundwater Sampling, Sub-Slab Vapor Sampling
Laundry Basket, Luck, WI
DNR BRRTS # 02-49-544893

Dear Phil:

This letter outlines results of the recent monitoring well installations, groundwater sampling and sub-slab sampling completed in Luck, Wisconsin as part of Laundry Basket site investigation activities.

Groundwater Sampling & Monitoring Well Installation/Abandonment

Groundwater sampling and monitoring well installation was completed as outlined in the February 26, 2018 Change Order #8 request, approved by the Wisconsin Department of Natural Resources (WDNR) in a letter dated March 15, 2018.

Piezometer well PZ-1 and injection well IW-6 located on the south side of 3rd Avenue on the Laundry Basket property were abandoned by MSA personnel on August 1, 2018 prior to Main Street reconstruction work. Well abandonment forms for these two wells are attached.

MSA attempted to get access to the McDonald Lumber Company (formerly St. Croix Hardwoods) property to install a downgradient well nest. After several communications, it was decided that due to drilling restrictions based on operations at the site, installation of the wells on this parcel could not be conducted. After a phone conversation with the DNR, it was decided to move the wells to the Village of Luck right of way of Duncan Street, to the west of the McDonald Lumber Company parcel. MSA applied for a permit from the Village of Luck to install the wells in the east right of way of Duncan Street. The permit was approved on July 31, 2018. A copy of the approved permit is attached.

One monitoring well nest was installed in the east right of way of Duncan Street, to the west of the McDonald Lumber Company parcel on August 14-15, 2108. The wells in the well nest include MW-17, MW-17-40, and MW-17-70. These wells are 13, 40 and 70 feet deep, respectively. Monitoring well MW-17 is equipped with a 10-foot screen, while monitoring wells MW-17-40 and MW-17-70 were installed with 5-foot screens (piezometer wells). Well logs for these wells are included with this letter. This well nest was installed between

332 W. Superior Street
Suite 600
Duluth, MN 55802

P (218) 722-3915
TF (800) 777-7380
F (218) 722-4548

www.msa-ps.com

the Laundry Basket site and slightly south of the two municipal wells to determine downgradient impacts from the contamination as shown on **Attachment B.3.b**.

The Laundry Basket site obtained ownership of the former St. Croix Hardwood wells MW-13D, MW-15S, MW-15D, MW-16S and MW-16D via a well transfer agreement with McDonald Lumber Company. A copy of the well transfer agreement is attached. MSA also obtained access to well nests MW-6LT, MW-7LT and MW-10LT associated with the Luck Telephone project. The elevations of these new offsite wells were surveyed during the September 2018 groundwater sampling event.

Two of the four proposed rounds of quarterly groundwater sampling have been completed since the change order was approved. Sampling was completed on September 26-27 and December 11-12, 2018. Monitoring wells MW-10, MW-13, MW-14, MW-17, MW-17-40, MW-17-70, MW-6LT, MW-6-30LT, MW-6-50LT, MW-7LT, MW-7-30LT, MW-7-50LT, MW-10LT, MW-10-30LT, MW-10-50LT, MW-13D, MW-15S, MW-15D, MW-16S and MW-16D have been sampled as part of this change order. Monitoring well MW-7-50LT was not able to be found under a thick layer of frozen gravel during the December sampling event and was not sampled. These wells are scheduled to be sampled a third time in March 2019, and a final, full sampling round including monitoring wells MW-1, MW-2, MW-4, MW-5, MW-6, MW-7, MW-12, PZ-7, MW-5Eq and MW-7Eq is scheduled for June 2019.

Groundwater Sampling Results

Attachment A.1 is attached which has been updated to include the September and December 2018 groundwater sampling events. As per your request we have also added VOC sampling results for Village of Luck municipal wells #2 and #3. Note that tetrachloroethene (PCE) and trichloroethene (TCE) have not been detected in either municipal well.

Sampling results are summarized below:

- At well MW-10, PCE and TCE concentrations have been erratic, with no apparent correlation with season or water table elevations. In September and December 2018, no TCE was detected, no PCE was detected in the September sample, and 0.62 ug/L PCE was detected in December.
- No PCE or TCE was detected at well MW-13 during this sampling. In the deeper piezometer well at this location, both compounds were detected at concentrations exceeding the NR 140 ES or PAL. Concentrations appear stable at MW-13D.
- At well MW-14, located to the north of the MW-13 well nest along the bike trail, low level PCE exceeding the PAL but not the ES was detected in 2018. No PCE had been detected in previous sampling in 2016.
- At well nest MW-15S and MW-15D, concentrations of PCE exceeding the PAL have consistently been detected. Higher concentrations of PCE and TCE are detected in the deeper well, exceeding the ES for both compounds. This well nest is located northwest of the MW-13/13D nest.
- At well nest MW-16S/16D, located in the right of way of 3rd Avenue south of the lumber company parcels, both PCE and TCE have been detected at concentrations

exceeding the ES. The concentrations appear to be stable to decreasing at this well nest.

- The new well nest installed as part of this scope of work, MW-17/17-40/17-70, did not have any enforcement standard exceedances in the September or December 2018 sampling. PCE was detected only in the water table well at a concentration between 0.82 and 1.1 ug/L. No PCE or TCE was detected in the two deeper wells.
- The Luck Telephone well nest of MW-6/6-30/6-50 was sampled in both rounds. No ES exceedances are present at this nest. No PCE or TCE was detected in the water table well. Concentrations of PCE exceeding the PAL were detected in both of the deeper wells. No TCE was detected. This well nest is located northeast of the lumber company and west of the bike trail.
- The Luck Telephone well nest MW-7/7-30/7-50 was also sampled. No PCE or TCE was detected at these wells located north of the MW-6 well nest.
- The Luck Telephone well nest MW-10/10-30/10-50 was sampled. No PCE or TCE was detected in the shallow wells. Concentrations of PCE and TCE exceeding the PAL but not the ES were detected in both of the deeper wells.

Additional groundwater sampling work that is scheduled to be completed as part of this change order:

- Two more rounds of groundwater sampling scheduled for March 2019 and June 2019. The final round will also include sampling of MW-1, MW-2, MW-4, MW-5, MW-6, MW-7, MW-12, PZ-7, MW-5Eq and MW-7Eq.
- Wells near the Laundry Basket building that have been altered due to roadway reconstruction will need to be resurveyed (MW-7Eq, MW-6).

Groundwater Flow Direction Maps/Extent of Groundwater Contamination

MSA has plotted the groundwater flow direction for the December 2018 sampling round. Separate maps were created for the water table wells (**Attachment B.3.c.1**.) versus the deeper piezometer wells (**Attachment B.3.c.2**). Note the groundwater flow direction in the western portion of the monitoring well network has a southwesterly flow component in both the shallow and deeper wells. **Attachment B.3.b.** has been updated to reflect the extent of the groundwater contamination based on the most recent sample from each well. Note that the higher concentrations appear to be migrating in a more westerly direction. The extent of the contamination appears well defined to the north and northwest. As we previously discussed, an additional well nest may be required to the west or southwest to define the extent in that direction.

Vapor Sampling

Sub-slab vapor sampling work was completed at the McDonald & Owen Lumber Company as outlined in the November 1, 2018 Change Order #9 request, approved by WDNR in a letter dated November 6, 2018.

Two sub-slab vapor sampling ports were installed on December 12, 2018 in the areas indicated in the change order request. One port (SS-1) was installed in the closet located in the occupied slab-on-grade office area on the southwest side of the building, and a second port (SS-2) was installed to the northeast in a currently unoccupied slab-on-grade office area. The slabs in both locations appeared to be in good condition and were relatively thick, with the slab in the area of SS-1 measuring approximately 12 inches thick and the slab near SS-2 measuring 8 inches thick. Sampling locations are shown on **Attachment B.4.a**.

TO-15 vapor samples were collected at each sub-slab sampling port. Samples were collected using 6L SUMMA canisters with 30-minute flow valves and submitted to Pace Analytical Services, Inc. for analysis.

Vapor Sampling Results

There were no contaminant detections above DNR Small Commercial Sub-Slab Vapor Risk Screening Levels (VRSLs) in either of the sub-slab vapor samples. Chlorinated compounds (tetrachloroethene [PCE] and trichloroethene [TCE]) were detected in the samples, however, detected concentrations were below VRSLs. At SS-1, PCE was detected at a concentration of 2.8 ug/m^3 and TCE was not detected above the laboratory detection limit of 0.45 ug/m^3. At SS-2, PCE was detected at a concentration of 67.4 ug/m^3 and TCE was detected at a concentration of 0.69 ug/m^3.

Vapor sampling analytical results are included with this letter. A table summarizing vapor sampling results for the McDonald & Owen Lumber Company along with other vapor samples previously collected as part of the Laundry Basket investigation is included as **Attachment A.4**.

A copy of the laboratory analytical report has been sent to the facility manager at McDonald & Owen Lumber Company along with an explanation of the results.

Conclusions and Recommendations

Based on the detected concentrations in the MW-16S/16D well nest, and the apparent southwesterly flow direction in the western portion of the monitoring well network, MSA is submitting a status report at this time so that a discussion of the next scope of work can be initiated to move the project forward. Based on previous discussions, you have indicated that additional wells may be needed to the west of the MW-16S/16D flow nest. If so, MSA would like to proceed with installing those wells in the summer of 2019. Phil, please contact us once you've had a chance to review this additional data to discuss what an appropriate next scope of work may be. It may be prudent to hold off on further groundwater sampling until the additional wells are installed. It also may be possible to reduce sampling in the northern and northwestern well nests where little to no PCE or TCE was detected, in order to reduce project costs.

Phil Richard
Wisconsin Dept. of Natural Resources
February 8, 2019

Sincerely,

MSA Professional Services, Inc.

Erica Klingfus

Jayne A. Englebert

Erica Klingfus
Environmental Scientist

Jayne Englebert
Senior Project Hydrogeologist

EAK:JAE

Cc: Lois Baldwin, Responsible Party

Attachments
Well Filling & Sealing Report Form 3300-005 (PZ-1 and IW-6)
Well transfer agreement with McDonald Lumber Company
Village of Luck permit to install wells in Duncan Street Right of Way
Monitoring Well Construction Form 4400-113A&B (MW-17, MW-17-40, MW-17-70)
Groundwater analytical results
Vapor analytical results

Attachment A.1	Groundwater Analytical Table
Attachment A.4	Vapor Analytical Table
Attachment B.3.b	Groundwater Isoconcentration
Attachment B.3.c.1-2	Groundwater Flow Direction (December 12, 2018, Monitoring Wells and Piezometer Wells)
Attachment B.4.a	Vapor Intrusion Map

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015) Page 1 of 2

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

☐ **Verification Only of Fill and Seal**

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☒ Remediation/Redevelopment
☐ Waste Management ☐ Other: _____

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Polk	1 2 1 P Z	

Latitude / Longitude (see instructions): 45° 34' 25.0" N, 92° 28' 55.0" W
Format Code: ☐ DD ☐ DDM
Method Code: ☐ GPS008 ☐ SCR002 ☐ OTH001

¼ / ¼ or Gov't Lot #	¼	Section	Township	Range
	SW	28	36 N	17 ☐ E ☒ W

Well Street Address: 300 Main St.
Well City, Village or Town: Luck
Well ZIP Code: 54853
Subdivision Name:
Lot #:

Reason for Removal from Service: Planned roadway reconstruction
WI Unique Well # of Replacement Well:

2. Facility / Owner Information

Facility Name: Laundry Basket
Facility ID (FID or PWS):
License/Permit/Monitoring #: PZ-1
Original Well Owner: Lois Baldwin
Present Well Owner:
Mailing Address of Present Owner: 875 S. 4th Ave
City of Present Owner: Park Falls
State: WI
ZIP Code: 54552

3. Filled & Sealed Well / Drillhole / Borehole Information

☒ Monitoring Well ☐ Water Well ☐ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 04/11/2006
If a Well Construction Report is available, please attach.

Construction Type:
☒ Drilled ☐ Driven (Sandpoint) ☐ Dug ☐ Other (specify): _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
40.0	2"
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown
If yes, to what depth (feet)?
Depth to Water (feet): 6.35

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☒ No	☐ N/A
Casing left in place?	☒ Yes	☐ No	☐ N/A
Was casing cut off below surface?	☐ Yes	☒ No	☐ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☒ No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☒ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☐ Yes	☐ No	☒ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☒ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☒ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" Bentonite Chips	Surface	40.0'	1.25 bags	

6. Comments

Casing will be removed when roadway construction takes place in the area.

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Erica Klingfus MSA Professional Services		08/03/2018

Street or Route	Telephone Number
332 W. Superior St, Ste. 600	(218) 499-3171

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Duluth	MN	55802	Erica Klingfus	08/03/2018

DNR Use Only

Date Received	Noted By
Comments	

State of Wisconsin
Department of Natural Resources

Route To: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☒ Other ☐

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Laundry Basket	Local Grid Location of Well: ____ ft. ☐ N. ☐ S. ____ ft. ☐ E. ☐ W.	Well Name: PZ-1
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. 45° 34' 25.0" Long. 92° 28' 55.0" or St. Plane ____ ft. N, ____ ft. E. S/C/N	Wis. Unique Well No. / DNR Well Number
Facility ID		Date Well Installed: 04/11/2006
Type of Well: Well Code 12/pz	Section Location of Waste/Source: ____ 1/4 of SW 1/4 of Sec. 28, T. 36 N, R. 17 ☐ E ☒ W	Well Installed By: (Person's Name and Firm): Randy and Paul; Boart Longyear
Distance from Waste/Source ____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☒ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation ____ ft. MSL

B. Well casing, top elevation ____ ft. MSL

C. Land surface elevation ____ ft. MSL

D. Surface seal, bottom ____ ft. MSL or 1.0 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis attached? ☒ Yes ☐ No

14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☒ 41 / Other ☐ __

15. Drilling fluid used: Water ☐ 02 Air ☐ 01 Drilling Mud ☐ 03 None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No

Describe ____

17. Source of water (attach analysis, if required):

E. Bentonite seal, top ____ ft. MSL or 1.0 ft.

F. Fine sand, top ____ ft. MSL or 3.0 ft.

G. Filter pack, top ____ ft. MSL or 3.5 ft.

H. Screen joint, top ____ ft. MSL or 4.5 ft.

I. Well bottom ____ ft. MSL or 40.0 ft.

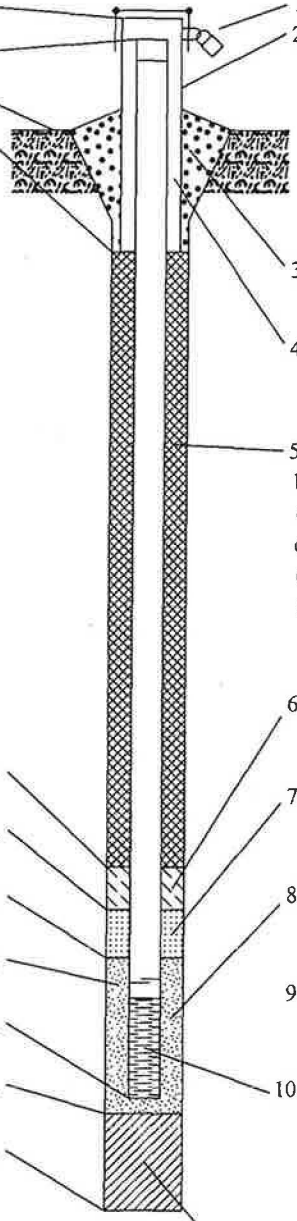
J. Filter pack, bottom ____ ft. MSL or 15.0 ft.

K. Borehole, bottom ____ ft. MSL or 40.0 ft.

L. Borehole, diameter 8.0 in.

M. O.D. well casing 2.36 in.

N. I.D. well casing 2.06 in.



1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 6.0 in.
b. Length: 1.0 ft.
c. Material: Steel ☒ 04 / ____ Other ☐ __
d. Additional protection? ☐ Yes ☒ No
If yes, describe: ____

3. Surface seal: Bentonite ☐ 30 / Concrete ☐ 01 / ____ Other ☐ __

4. Material between well casing and protective pipe: Bentonite ☒ 30 / ____ Other ☐ __

5. Annular space seal: a. Granular/Chipped Bentonite ☐ 33
b. ____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. ____ Lbs/gal mud weight . . . Bentonite slurry ☐ 31
d. ____ % Bentonite . . . Bentonite-cement grout ☐ 50
e. ____ Ft^3 volume added for any of the above
f. How installed: Tremie ☒ 01 / Tremie pumped ☐ 02 / Gravity ☐ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ☐ 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 32
c. Aquagrout / Other ☒ __

7. Fine sand material: Manufacturer, product name & mesh size
a. Badger silica sand __
b. Volume added ____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. Red Flint #40 __
b. Volume added ____ ft^3

9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / ____ Other ☐ __

10. Screen material: PVC __
a. Screen Type: Factory cut ☐ 11 / Continuous slot ☒ 01 / ____ Other ☐ __
b. Manufacturer ____
c. Slot size: 0.010 in.
d. Slotted length: 5.0 ft.

11. Backfill material (below filter pack): None ☒ 14 / ____ Other ☐ __

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: [signature] Firm: MSA Professional Services, Inc. 301 West 1st Street, Suite 408 Duluth, MN 55802 Tel: 218-722-3915 Fax: 218-722-4548

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015) Page 1 of 2

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

☐ **Verification Only of Fill and Seal**

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☒ Remediation/Redevelopment
☐ Waste Management ☐ Other: _____

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Polk	L I / I J	

Latitude / Longitude (see instructions) _____ N _____ W
Format Code: ☐ DD ☐ DDM
Method Code: ☐ GPS008 ☐ SCR002 ☐ OTH001

¼ / ¼	¼	Section	Township	Range
SW	SW	28	36 N	17 ☐ E ☒ W

or Gov't Lot #

Well Street Address: 300 Main St

Well City, Village or Town	Well ZIP Code
Luck	54853

Subdivision Name	Lot #

Reason for Removal from Service: Planned roadway reconstruction
WI Unique Well # of Replacement Well: _____

2. Facility / Owner Information

Facility Name: Laundry Basket
Facility ID (FID or PWS):
License/Permit/Monitoring #: IW-L6
Original Well Owner: Lois Baldwin
Present Well Owner:
Mailing Address of Present Owner: 875 S. 4th Ave.

City of Present Owner	State	ZIP Code
Park Falls	WI	54552

3. Filled & Sealed Well / Drillhole / Borehole Information

☒ Monitoring Well ☐ Water Well ☐ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 09/08/2011
If a Well Construction Report is available, please attach.

Construction Type:
☒ Drilled ☐ Driven (Sandpoint) ☐ Dug ☐ Other (specify): _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
18.40	2"

Lower Drillhole Diameter (in.)	Casing Depth (ft.)

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☒ No	☐ N/A
Casing left in place?	☒ Yes	☐ No	☐ N/A
Was casing cut off below surface?	☐ Yes	☒ No	☐ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☒ No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☒ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☐ Yes	☐ No	☒ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☒ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☒ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" Bentonite Chips	Surface	18.40	0.75 bag	

6. Comments

Casing will be removed when roadway construction takes place in the area.
Unable to read water lvl. due to whey in injection well.

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Erica Klingfus MSA Professional Services		08/01/2018

Street or Route	Telephone Number
332 W. Superior St, Ste. L600	(218) 499 3171

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Duluth	MN	55802		08/03/2018

DNR Use Only

Date Received	Noted By

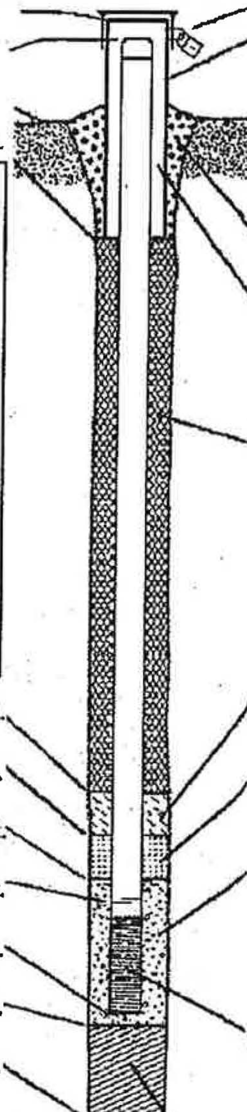
Comments:

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☐ Other ☒ DERP

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: LAUNDRY BASKET	Local Grid Location of Well: ____ ft. ☐ N. ☐ S. ____ ft. ☐ E. ☐ W.	Well Name: FW-6
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ____ ° ' " Long. ____ ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID	St. Plane ____ ft. N, ____ ft. E. S/C/N	Date Well Installed: 09/08/2011 (m m d d y y y y)
Type of Well: Well Code 61 / IJ	Section Location of Waste/Source: SW 1/4 of SW 1/4 of Sec. 28, T. 36 N, R. 17 ☐ E ☒ W	Well Installed By: Name (first, last) and Firm: Geiss Soils + Samples, Landon Molzahn
Distance from Waste/Source 90 ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient, s ☐ Sidegradient, d ☒ Downgradient, n ☐ Not Known / Gov. Lot Number	



A. Protective pipe, top elevation ____ ft. MSL
B. Well casing, top elevation ____ ft. MSL
C. Land surface elevation ____ ft. MSL
D. Surface seal, bottom ____ ft. MSL or 1.0 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☒ SP ☐
SM ☐ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 5 0; Hollow Stem Auger ☒ 4 1; Other ☐

15. Drilling fluid used: Water ☐ 0 2; Air ☐ 0 1; Drilling Mud ☐ 0 3; None ☒ 9 9

16. Drilling additives used? ☐ Yes ☒ No
Describe ____

17. Source of water (attach analysis, if required): Luck Municipal Water

E. Bentonite seal, top ____ ft. MSL or 1.0 ft.
F. Fine sand, top ____ ft. MSL or 9.5 ft.
G. Filter pack, top ____ ft. MSL or 9.75 ft.
H. Screen joint, top ____ ft. MSL or 10.0 ft.
I. Well bottom ____ ft. MSL or 20.0 ft.
J. Filter pack, bottom ____ ft. MSL or 20.0 ft.
K. Borehole, bottom ____ ft. MSL or 23.0 ft.
L. Borehole, diameter 8.25 in.
M. O.D. well casing 2.06 in.
N. I.D. well casing 1.89 in.

1. Cap and lock? ☐ Yes ☒ No
2. Protective cover pipe:
a. Inside diameter: 12 in.
b. Length: 1.0 ft.
c. Material: Steel ☒ 0 4; Other ☐
d. Additional protection? ☐ Yes ☒ No
If yes, describe: ____
3. Surface seal: Bentonite ☐ 3 0; Concrete ☒ 0 1; Other ☐
4. Material between well casing and protective pipe: Bentonite ☐ 3 0; Other ☒ SAND
5. Annular space seal: a. Granular/Chipped Bentonite ☒ 3 3
b. ____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 3 5
c. ____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 3 1
d. ____ % Bentonite . . . . . . Bentonite-cement grout ☐ 5 0
e. 1.6 Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 0 1; Tremie pumped ☐ 0 2; Gravity ☒ 0 8
6. Bentonite seal: a. Bentonite granules ☐ 3 3
b. ☐ 1/4 in. ☒ 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 3 2
c. ____ Other ☐
7. Fine sand material: Manufacturer, product name & mesh size
a. Red Flint #50
b. Volume added 0.03 ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. Red Flint 3/32 - 3/16
b. Volume added 2.9 ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 2 3; Flush threaded PVC schedule 80 ☐ 2 4; Other ☐
10. Screen material: PVC
a. Screen type: Factory cut ☒ 1 1; Continuous slot ☐ 0 1; Other ☐
b. Manufacturer Monoflex
c. Slot size: 0.03 in.
d. Slotted length: 10.0 ft.
11. Backfill material (below filter pack): None ☐ 1 4; Other ☒ NATIVE

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm
Darin Albrecht	MSA

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

AGREEMENT FOR ASSUMPTION OF RESPONSIBILITY FOR MONITORING WELLS

1. This Agreement is entered into by Lois Baldwin operating as the Laundry Basket (hereinafter PARTY 1) and Emerald Hardwood Services, LLC of 230 Duncan Street, Luck, Wisconsin (hereinafter PARTY 2). Lois Baldwin is the responsible party for BRRTS site 02-49-544893, The Laundry Basket, 300 South Main Street, Luck, Wisconsin (Polk County).

2. PARTY 2 has been responsible for maintaining monitoring wells, identified as MW-MW-13D, MW-15S, MW-15D, MW-16S, and MW-16D, (hereinafter "the monitoring wells") on the property at 230 Duncan Street in the Village of Luck (hereinafter "the Property"). The approximate location of the monitoring wells is shown on the map that is attached as Exhibit A, which is also incorporated by reference.

3. PARTY 1 would like to assume responsibility for the maintenance, testing, and final disposition of the monitoring wells.

4. Therefore, in consideration of mutual promises and obligations made herein, and based upon the foregoing, IT IS HEREBY AGREED AS FOLLOWS:

a) PARTY 1 shall assume responsibility for the monitoring wells beginning with the effective date of this Agreement (the date the agreement is fully executed below), and shall be responsible after that date for the monitoring wells, including, but not limited to, the responsibility to inspect, maintain and repair the monitoring wells and to properly abandon (fill and seal) the monitoring wells when PARTY 1 no longer intends to conduct further groundwater monitoring at the monitoring wells. Maintenance and abandonment (filling and sealing) of the monitoring wells shall be in accordance with the requirements of chapter NR 141, Wisconsin Administrative Code.

b) PARTY 1 agrees to save, hold harmless, defend and indemnify PARTY 2 and PARTY 2's officers, employees and agents, against any and all liability, claims and costs of whatever kind and nature, for injury or death of any person or persons, and for loss or damage to any property occurring in connection with or arising out of the existence or the use of the monitoring wells.

AGREEMENT FOR ASSUMPTION OF RESPONSIBILITY FOR MONITORING WELLS

By: Jayne Englebert Date: 3-20-2018

MSA Professional Services, Inc. signing as DERF agent for Lois Baldwin, The Laundry Basket), PARTY 1

By signing this document, Jared Lehman asserts that he/she is duly authorized to sign this document on behalf of Emerald Hardwood Services LLC.

By: Jared Lehman Date: 4/6/18

Printed Name and Title: Jared Lehman - Director of Operations.

Please return this document to Jayne Englebert at MSA Professional Services, Inc., 1230 South Boulevard, Baraboo, Wisconsin, 53913, or to jenglebert@msa-ps.com

Att: Exhibit A – Monitoring well location map

ACCESS PERMISSION AGREEMENT

I, Jared Lehman hereby give permission to MSA Professional Services, Inc.
(Print Name)

and its employees, duly authorized representatives, agents and contractors, to enter upon and have access at reasonable times to the property located at:

230 Duncan Street, Village of Luck, Polk County, Wisconsin.

The access permission is for the following purposes: that MSA Professional Services, Inc. may install three groundwater monitoring wells to be used to determine groundwater characteristics in the vicinity of this property, and which will be periodically sampled and analyzed for volatile organic compounds (VOCs) in groundwater. This permission allows MSA Professional Services, Inc. or its authorized representative to:

(1) *Install three groundwater monitoring wells in the approximate location shown on the attached map. The wells will be installed flush with the ground surface so as not to impede travel or snow removal.*
(2) *Periodically measure groundwater levels to determine flow direction and vertical gradients.*
(3) *Collect period groundwater samples and analyze them for VOCs.*
(4) *Maintain monitoring wells, repairing damage as needed, etc.*
(5) *Abandon the monitoring wells when no longer needed.*

The permission that is granted shall remain in effect until case closure has been granted by the Department of Natural Resources, or until further notification by the property owner.

The property owner agrees not to damage or interfere with the use of the groundwater monitoring well as permitted herein.

IN WITNESS WHEREOF:

Jared Lehman
Signature

4/6/18
Date

Jared Lehman - Director of Operations
Print Name and Title

Jared@hardwoodlumber.net
Email Address

MacDonald & Owen Lumber
Company

1900 Riley Road, Starta, WI 54656
Mailing Address

608-269-4417
Area Code and Telephone Number

Mail or fax correspondence regarding this site to:

Jayne Englebert
MSA Professional Services, Inc.
1230 South Blvd., Baraboo, WI 53913
Email: jenglebert@msa-ps.com
Phone: 608-355-8860
Fax: 608-356-2770

Village of Luck

401 Main Street • Box 315
Luck, Wisconsin 54853-0315

1-715-472-2222

VILLAGE OF LUCK
STREET EXCAVATION PERMIT
FEE: $50.00

APPROVED

I. Applicant Information

Lois Baldwin	517 S. Fourth St.	WI	54853
(Name)	(Address)	(State)	(ZIP)
(715) 472-2410	labaldwin44@msn.com		
(Phone #)	(E-mail)	(Fax)	

II. Contractor, builder, architect, agent, etc, if main contact other than applicant

MSA Professional Services, Inc.	1230 South Blvd Baraboo	WI	53913
(Name)	(Address)	(State)	(ZIP)
608-355-8860	jenglebert@msa-ps.com	608-356-2770	
(Phone #)	(E-mail)	(Fax)	

III. Property Information

Address of Property: Duncan Street Right-of-Way
Property Identification Number (PID): not applicable
Present Zoning: municipal right-of-way
Legal Description:

Plot: _____ Block: _____ Addition: _____

IV. Applicant's Statement

Description of Project (materials to be used, location of excavation and start date):

Installation of 3 groundwater monitoring wells, one 20 feet deep, one 40 feet deep, one 70 feet deep, in a nest.

Site Plan

Please provide a drawing of the property on which you wish to excavate. Site plans should be drawn to scale and include a north arrow in addition to the location of any buildings, landscaping or other structures.

Please see attached documents.

All excavations should be done in accordance with all Village of Luck Ordinances. The permittee will indemnify and save harmless the Village of Luck and its officers from all liability for accidents and damage caused by any of the work covered by this permit, and that the permittee will fill up and place in good and safe condition all excavations and openings made in the street or right of way, and will replace and restore the pavement over any opening he may make as near as can be to the state and condition in which he found it, and keep and maintain the same in such condition, normal wear and tear excepted, to the satisfaction of the Director of Public Works for a period of two (2) years, and that he will pay all fines or forfeitures imposed upon him for any violation of any rule, regulation or ordinance governing street openings or drain laying adopted by the Village Board and will repair any damage done to existing improvements during the progress of the excavation in accordance with the ordinances, rules and regulations of the Village. He shall also guarantee that, if the Village shall elect to make the street repair, the person opening the street will pay all costs of making such repair and of maintaining the same for two (2) years.

Faulty work or materials shall be immediately replaced by the permittee upon notice by the Village.

Permit will be issued only upon condition that the applicant submit satisfactory written evidence that applicant has in force and will maintain during the time the permit is in effect public liability insurance of not less than $500,000 per one (1) person, $500,000 for one (1) accident and property damage coverage of not less than $500,000. The policy shall name the Village of Luck as the third party insured.

I certify that the information I have provided in this application is true and accurate.

Signed: (applicant/agent/owner) Jason Englebert for MSA

Date: 7-10-2018

Office Use Only:
Received By: SP Date: 7-31-2018
Reviewed By: SP Date:
Approved: Y/N Date:

State of Wisconsin
Department of Natural Resources

Route to: Solid Waste ☐ Haz. Waste ☐ Wastewater ☐
Env. Response & Repair ☐ Underground Tanks ☐ Other ☐ _____

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 4-90

Facility/Project Name: LAUNDRY BASKET	Local Grid Location of Well: _____ ft. ☐N ☐S _____ ft. ☐E ☐W	Well Name: MW-17-
Facility License, Permit or Monitoring Number: _____	Grid Origin Location: Lat. _____ Long. _____ or St. Plane _____ ft. N, _____ ft. E.	Wis. Unique Well Number / DNR Well Number: _____
Type of Well: Water Table Observation Well ☑ 11; Piezometer ☐ 12	Section Location of Waste/Source: ___1/4 of ___ 1/4 of Sec. ___, T. ___ N, R. ___ ☐E ☐W	Date Well Installed: 08/15/18 (m m d d y y)
Distance Well Is From Waste/Source Boundary: _____ ft.	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient; d ☐ Downgradient n ☐ Not Known	Well Installed By: (Person's Name and Firm): SCOTT - JES DRILLING
Is Well A Point of Enforcement Std. Application? ☐ Yes ☑ No		

A. Protective pipe, top elevation _____ ft. MSL
B. Well casing, top elevation _____ ft. MSL
C. Land surface elevation _____ ft. MSL
D. Surface seal, bottom _____ ft. MSL or _____ ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☑ SP ☐
SM ☐ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis attached? ☐ Yes ☐ No

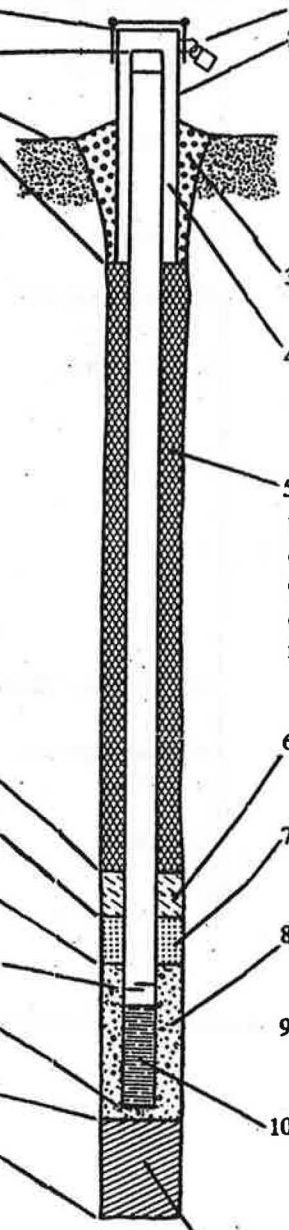
14. Drilling method used: Rotary ☐ 50; Hollow Stem Auger ☑ 41; Other ☐ _____

15. Drilling fluid used: Water ☐ 02; Air ☐ 01; Drilling Mud ☐ 03; None ☑ 99

16. Drilling additives used? ☐ Yes ☑ No
Describe _____

17. Source of water (attach analysis):
_____

E. Bentonite seal, top _____ ft. MSL or 0.0 ft.
F. Fine sand, top _____ ft. MSL or 2.0 ft.
G. Filter pack, top _____ ft. MSL or 3.5 ft.
H. Screen joint, top _____ ft. MSL or 3.5 ft.
I. Well bottom _____ ft. MSL or 13.5 ft.
J. Filter pack, bottom _____ ft. MSL or 14.0 ft.
K. Borehole, bottom _____ ft. MSL or 14.0 ft.
L. Borehole, diameter 8.3 in.
M. O.D. well casing 2.1 in.
N. I.D. well casing 2.0 in.



1. Cap and lock? ☑ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 8.0 in.
b. Length: 0.5 ft.
c. Material: Steel ☑ 04; Other ☐ _____
d. Additional protection? ☑ Yes ☐ No
If yes, describe: FLUSH MOUNT
3. Surface seal: Bentonite ☐ 30; Concrete ☑ 01; Other ☐ _____
4. Material between well casing and protective pipe: Bentonite ☑ 30; Annular space seal ☐; Other ☐ _____
5. Annular space seal: a. Granular Bentonite ☑ 33
b. _____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight ..... Bentonite slurry ☐ 31
d. _____ % Bentonite ..... Bentonite-cement grout ☐ 50
e. 0.7 Ft³ volume added for any of the above
f. How installed: Tremie ☐ 01; Tremie pumped ☐ 02; Gravity ☑ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ☑ 3/8 in. ☐ 1/2 in. Bentonite pellets ☑ 32
c. _____ Other ☐
7. Fine sand material: Manufacturer, product name & mesh size
a. #15 Red Flint filter sand
b. Volume added 0.5 ft³
8. Filter pack material: Manufacturer, product name and mesh size
a. #40 Red Flint Filter Sand
b. Volume added 1.5 ft³
9. Well casing: Flush threaded PVC schedule 40 ☑ 23; Flush threaded PVC schedule 80 ☐ 24; Other ☐ _____
10. Screen material: Schedule 40 PVC
a. Screen type: Factory cut ☑ 11; Continuous slot ☐ 01; Other ☐ _____
b. Manufacturer _____
c. Slot size: 0.010 in.
d. Slotted length: 10.0 ft.
11. Backfill material (below filter pack): None ☑ 14; Other ☐ _____

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature | Firm

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160, Wis. Stats., and ch. NR 141, Wis. Ad. Code. In accordance with ch.144, Wis Stats., failure to file this form may result in a forfeiture of not less than $10, nor more than $5000 for each day of violation. In accordance with ch. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than $10,000 for each day of violation. NOTE: Shaded areas are for DNR use only. See instructions for more information including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 4-90

Route to: Solid Waste ☐ Haz. Waste ☐ Wastewater ☐
Env. Response & Repair ☐ Underground Tanks ☐ Other ☐ _____

Facility/Project Name	County Name	Well Name
LAUNDRY BASKET	Polk	MW-17

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well Number
_____	__		

1. Can this well be purged dry? ☐ Yes ☑ No

2. Well development method
- surged with bailer and bailed ☐ 41
- surged with bailer and pumped ☑ 61
- surged with block and bailed ☐ 42
- surged with block and pumped ☐ 62
- surged with block, bailed and pumped ☐ 70
- compressed air ☐ 20
- bailed only ☐ 10
- pumped only ☐ 51
- pumped slowly ☐ 50
- Other _____ ☐

3. Time spent developing well 81 min.

4. Depth of well (from top of well casisng) 13.5 ft.

5. Inside diameter of well 2.0 in.

6. Volume of water in filter pack and well casing 1.7 gal.

7. Volume of water removed from well 121.0 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added _____

10. Analysis performed on water added? ☐ Yes ☑ No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 2.34 ft.	2.32 ft.
Date	b. 08/16/18 (m m d d y y)	08/16/18 (m m d d y y)
Time	c. 08:05 ☑ a.m. ☐ p.m.	09:26 ☑ a.m. ☐ p.m.
12. Sediment in well bottom	8.0 inches	0.0 inches
13. Water clarity	Clear ☑ 10 Turbid ☐ 15	Clear ☑ 20 Turbid ☐ 25
(Describe)	brown, high silt/sand content no odor	clear, sediment free, no odor
14. Total suspended solids	_____.__ mg/l	_____.__ mg/l
15. COD	_____.__ mg/l	_____.__ mg/l

Fill in if drilling fluids were used and well is at solid waste facility:

16. Additional comments on development:

Well developed by: Person's Name and Firm

Name: MARK DAVIDSON

Firm: MSA Professional Services

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: [signature]

Print Initials: M G D

Firm: MSA Professional Services

NOTE: Shaded areas are for DNR use only. See instructions for more information including a list of county codes.

Department of Natural Resources — Env. Response & Repair ☐ Underground Tanks ☐ Other ☐ _____ — Form 4400-113A — Rev. 4-90

Facility/Project Name: LAUNDRY BASKET

Facility License, Permit or Monitoring Number: _____

Type of Well: Water Table Observation Well ☐ 11; Piezometer ☑ 12

Distance Well Is From Waste/Source Boundary: _____ ft.

Well A Point of Enforcement Std. Application? ☐ Yes ☑ No

Local Grid Location of Well: _____ ft. ☐ N. ☐ S. _____ ft. ☐ E. ☐ W.

Grid Origin Location: Lat. _____ Long. _____ or

St. Plane _____ ft. N, _____ ft. E.

Section Location of Waste/Source: ___ 1/4 of ___ 1/4 of Sec. ___, T. ___ N, R. ___ ☐ E. ☐ W.

Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known

Well Name: MW-17-40

Wis. Unique Well Number / DNR Well Number: _____

Date Well Installed: 08/25/18 (mm/dd/yy)

Well Installed By: (Person's Name and Firm): SCOTT - SES DRILLING

. Protective pipe, top elevation _____ ft. MSL

Well casing, top elevation _____ ft. MSL

Land surface elevation _____ ft. MSL

Surface seal, bottom _____ ft. MSL or 1.0 ft.

2. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☑ SP ☐
SM ☐ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☐

3. Sieve analysis attached? ☐ Yes ☐ No

4. Drilling method used: Rotary ☐ 50; Hollow Stem Auger ☑ 41; Other ☐ _____

5. Drilling fluid used: Water ☐ 02; Air ☐ 01; Drilling Mud ☐ 03; None ☑ 99

6. Drilling additives used? ☐ Yes ☑ No

Describe _____

7. Source of water (attach analysis): _____

Bentonite seal, top _____ ft. MSL or 1.0 ft.

Fine sand, top _____ ft. MSL or 31.0 ft.

Filter pack, top _____ ft. MSL or 33.0 ft.

Screen joint, top _____ ft. MSL or 35.0 ft.

Well bottom _____ ft. MSL or 40.0 ft.

Filter pack, bottom _____ ft. MSL or 41.0 ft.

Borehole, bottom _____ ft. MSL or 41.0 ft.

Borehole, diameter 8.3 in.

O.D. well casing 2.1 in.

I.D. well casing 2.0 in.

1. Cap and lock? ☑ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8.0 in.
b. Length: 0.5 ft.
c. Material: Steel ☑ 04; Other ☐ _____
d. Additional protection? ☑ Yes ☐ No
If yes, describe: FLUSH MOUNT

3. Surface seal: Bentonite ☐ 30; Concrete ☑ 01; Other ☐ _____

4. Material between well casing and protective pipe: Bentonite ☑ 30; Annular space seal ☐; Other ☐ _____

5. Annular space seal: a. Granular Bentonite ☑ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. 6.3 Ft³ volume added for any of the above
f. How installed: Tremie ☐ 01; Tremie pumped ☐ 02; Gravity ☑ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ☑ 3/8 in. ☐ 1/2 in. Bentonite pellets ☑ 32
c. _____ Other ☐

7. Fine sand material: Manufacturer, product name & mesh size
a. #15 Red Flint Filter Sand
b. Volume added 0.5 ft³

8. Filter pack material: Manufacturer, product name and mesh size
a. #40 Red Flint Filter Sand
b. Volume added 1.5 ft³

9. Well casing: Flush threaded PVC schedule 40 ☑ 23; Flush threaded PVC schedule 80 ☐ 24; Other ☐ _____

10. Screen material: Schedule 40 PVC
a. Screen type: Factory cut ☑ 11; Continuous slot ☐ 01; PREPACKED Other ☐
b. Manufacturer _____
c. Slot size: 0.010 in.
d. Slotted length: 5.0 ft.

11. Backfill material (below filter pack): None ☑ 14; Other ☐ _____

Hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: _____ Firm: MSA Professional Services

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160, Wis. Stats., ch. NR 141, Wis. Ad. Code. In accordance with ch.144, Wis Stats., failure to file this form may result in a forfeiture of not less than $10, nor more than 00 for each day of violation. In accordance with ch. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than $10,000 for each of violation. NOTE: Shaded areas are for DNR use only. See instructions for more information including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 4-90

Route to: Solid Waste ☐ Haz. Waste ☐ Wastewater ☐
Env. Response & Repair ☐ Underground Tanks ☐ Other ☐ _____

Facility/Project Name	County Name	Well Name
LAUNDRY BASKET	Polk	MW-17-40

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well Number
_____	__		

1. Can this well be purged dry? ☐ Yes ☑ No

2. Well development method

surged with bailer and bailed	☐	41
surged with bailer and pumped	☑	61
surged with block and bailed	☐	42
surged with block and pumped	☐	62
surged with block, bailed and pumped	☐	70
compressed air	☐	20
bailed only	☐	10
pumped only	☐	51
pumped slowly	☐	50
Other _____	☐	

3. Time spent developing well: 118 min.

4. Depth of well (from top of well casisng): 40.2 ft.

5. Inside diameter of well: 2.00 in.

6. Volume of water in filter pack and well casing: 6.1 gal.

7. Volume of water removed from well: 72.0 gal.

8. Volume of water added (if any): 0.0 gal.

9. Source of water added: _____

10. Analysis performed on water added? ☐ Yes ☑ No (If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 2.00 ft.	2.01 ft.
Date	b. 08/16/18 (m m d d y y)	08/16/18 (m m d d y y)
Time	c. 9:40 ☑ a.m. ☐ p.m.	10:58 ☑ a.m. ☐ p.m.
12. Sediment in well bottom	1.0 inches	0.0 inches
13. Water clarity	Clear ☐ 10 Turbid ☑ 15	Clear ☑ 20 Turbid ☐ 25
(Describe)	brown, silty water, no odor with sand	clear water no odor or sediment
Fill in if drilling fluids were used and well is at solid waste facility:		
14. Total suspended solids	_____ mg/l	_____ mg/l
15. COD	_____ mg/l	_____ mg/l

16. Additional comments on development:

Well developed by: Person's Name and Firm

Name: MARK DAVIDSON

Firm: MSA Professional Services

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: [signature]

Print Initials: M G D

Firm: MSA Professional Services

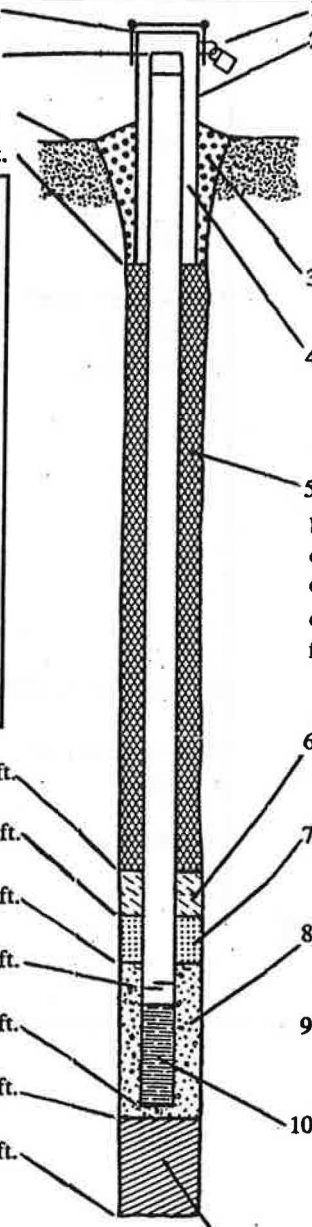
NOTE: Shaded areas are for DNR use only. See instructions for more information including a list of county codes.

State of Wisconsin
Department of Natural Resources

Route to: Solid Waste ☐ Haz. Waste ☐ Wastewater ☐
Env. Response & Repair ☐ Underground Tanks ☐ Other ☐ _____

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 4-90

Facility/Project Name: LAUNDRY BASKET	Local Grid Location of Well: _____ ft. ☐N ☐S, _____ ft. ☐E ☐W	Well Name: MW-17-70
Facility License, Permit or Monitoring Number: _____	Grid Origin Location: Lat. ____ Long. ____ or	Wis. Unique Well Number / DNR Well Number:
Type of Well: Water Table Observation Well ☐ 11; Piezometer ☑ 12	St. Plane _____ ft. N, _____ ft. E.	Date Well Installed: 08/11/18 (m m d d y y)
Distance Well Is From Waste/Source Boundary: _____ ft.	Section Location of Waste/Source: ___1/4 of ___ 1/4 of Sec. ___, T. ___ N, R. ___ ☐E ☐W	Well Installed By: (Person's Name and Firm): SCOTT - SES DRILLING
Is Well A Point of Enforcement Std. Application? ☐ Yes ☑ No	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient; d ☐ Downgradient n ☐ Not Known	



A. Protective pipe, top elevation _____ ft. MSL
B. Well casing, top elevation _____ ft. MSL
C. Land surface elevation _____ ft. MSL
D. Surface seal, bottom _____ ft. MSL or 1.0 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☑ SP ☐
SM ☐ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis attached? ☐ Yes ☐ No

14. Drilling method used: Rotary ☐ 50; Hollow Stem Auger ☑ 41; Other ☐ ____

15. Drilling fluid used: Water ☐ 02; Air ☐ 01; Drilling Mud ☐ 03; None ☑ 99

16. Drilling additives used? ☐ Yes ☑ No

Describe _____

17. Source of water (attach analysis): _____

E. Bentonite seal, top _____ ft. MSL or 60.0 ft.
F. Fine sand, top _____ ft. MSL or 61.0 ft.
G. Filter pack, top _____ ft. MSL or 63.0 ft.
H. Screen joint, top _____ ft. MSL or 65.0 ft.
I. Well bottom _____ ft. MSL or 70.0 ft.
J. Filter pack, bottom _____ ft. MSL or 71.0 ft.
K. Borehole, bottom _____ ft. MSL or 71.0 ft.
L. Borehole, diameter 8.3 in.
M. O.D. well casing 2.1 in.
N. I.D. well casing 2.0 in.

1. Cap and lock? ☑ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 8.0 in.
b. Length: 2.5 ft.
c. Material: Steel ☑ 04; Other ☐ ____
d. Additional protection? ☑ Yes ☐ No
If yes, describe: flush mount
3. Surface seal: Bentonite ☐ 30; Concrete ☑ 01; Other ☐ ____
4. Material between well casing and protective pipe: Bentonite ☑ 30; Annular space seal ☐ ____; Other ☐ ____
5. Annular space seal: a. Granular Bentonite ☑ 33
b. ____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35
c. ____ Lbs/gal mud weight ..... Bentonite slurry ☐ 31
d. ____ % Bentonite ..... Bentonite-cement grout ☐ 50
e. 11 Ft³ volume added for any of the above
f. How installed: Tremie ☐ 01; Tremie pumped ☐ 02; Gravity ☑ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ☑ 3/8 in. ☐ 1/2 in. Bentonite pellets ☑ 32
c. _____ Other ☐ ____
7. Fine sand material: Manufacturer, product name & mesh size
a. #15 Red Flint Filter Sand
b. Volume added 0.5 ft³
8. Filter pack material: Manufacturer, product name and mesh size
a. #40 Red Flint Filter Sand
b. Volume added 1.5 ft³
9. Well casing: Flush threaded PVC schedule 40 ☑ 23; Flush threaded PVC schedule 80 ☐ 24; _____ Other ☐ ____
10. Screen material: _____
a. Screen type: Factory cut ☑ 11; Continuous slot ☐ 01; Prepacked Screen Other ☐ ____
b. Manufacturer _____
c. Slot size: 0.010 in.
d. Slotted length: 5.0 ft.
11. Backfill material (below filter pack): None ☐ 14; _____ Other ☐ ____

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature _____ Firm MSA Professional Services

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160, Wis. Stats., and ch. NR 141, Wis. Ad. Code. In accordance with ch.144, Wis Stats., failure to file this form may result in a forfeiture of not less than $10, nor more than $5000 for each day of violation. In accordance with ch. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than $10,000 for each day of violation. NOTE: Shaded areas are for DNR use only. See instructions for more information including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 4-90

Route to: Solid Waste ☐ Haz. Waste ☐ Wastewater ☐
Env. Response & Repair ☐ Underground Tanks ☐ Other ☐ _____

Facility/Project Name	County Name	Well Name
LAUNDRY BASKET	Polk	MW-17

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well Number
_____	__		

1. Can this well be purged dry? ☐ Yes ☑ No

2. Well development method

surged with bailer and bailed	☐ 41
surged with bailer and pumped	☑ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐

3. Time spent developing well 140 min.

4. Depth of well (from top of well casisng) 70.0 ft.

5. Inside diameter of well 2.0 in.

6. Volume of water in filter pack and well casing 11.6 gal.

7. Volume of water removed from well 122.0 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added _____

10. Analysis performed on water added? ☐ Yes ☑ No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 1.76 ft.	1.62 ft.
Date	b. 08/16/18 m m d d y y	08/16/18 m m d d y y
Time	c. 11:15 ☑ a.m. ☐ p.m.	13:35 ☑ a.m. ☐ p.m.
12. Sediment in well bottom	2.0 inches	0.0 inches
13. Water clarity	Clear ☐ 10 Turbid ☑ 15	Clear ☑ 20 Turbid ☐ 25
(Describe)	brown, silty water with sand, no odor	clear, no sediment or odor

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	_____ mg/l	_____ mg/l
15. COD	_____ mg/l	_____ mg/l

16. Additional comments on development:

Well developed by: Person's Name and Firm

Name: MARK DAVIDSON

Firm: MSA Professional Services

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: [signature]

Print Initials: M G D

Firm: MSA Professional Services

NOTE: Shaded areas are for DNR use only. See instructions for more information including a list of county codes.

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

October 08, 2018

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

RE: Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Dear Brian Hegge:
Enclosed are the analytical results for sample(s) received by the laboratory on September 27, 2018. 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: Mark Davidson, MSA Professional Services
Curt Kleist, MSA Professional Services
Erica Klingfus, MSA Professional Services

Pace Analytical Services, LLC
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CERTIFICATIONS

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Minnesota Certification IDs

1700 Elm Street SE, Minneapolis, MN 55414-2485
A2LA Certification #: 2926.01
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: 17-009
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014
Arkansas DW Certification #: MN00064
Arkansas WW Certification #: 88-0680
California Certification #: 2929
CNMI Saipan Certification #: MP0003
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8+Wyoming DW Certification #: via MN 027-053-137
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
Massachusetts Certification #: M-MN064
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137
Minnesota Dept of Ag Certifcation #: via MN 027-053-137
Minnesota Petrofund Certification #: 1240
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 DEP Certification #: 382
Wisconsin Certification #: 999407970
Wyoming UST Certification #: via A2LA 2926.01

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SAMPLE SUMMARY

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10449412001	**MW-10**	Water	09/27/18 09:50	09/27/18 19:45
10449412002	**MW-13**	Water	09/26/18 14:35	09/27/18 19:45
10449412003	**MW-14**	Water	09/26/18 14:55	09/27/18 19:45
10449412004	**MW-17**	Water	09/26/18 15:30	09/27/18 19:45
10449412005	**MW-17-40**	Water	09/26/18 15:45	09/27/18 19:45
10449412006	**MW-17-70**	Water	09/26/18 16:10	09/27/18 19:45
10449412007	**MW-6 LT**	Water	09/26/18 16:40	09/27/18 19:45
10449412008	**MW-6-30 LT**	Water	09/26/18 16:50	09/27/18 19:45
10449412009	**MW-6-50 LT**	Water	09/26/18 17:05	09/27/18 19:45
10449412010	**MW-7 LT**	Water	09/26/18 13:20	09/27/18 19:45
10449412011	**MW-7-30 LT**	Water	09/26/18 13:35	09/27/18 19:45
10449412012	**MW-7-50 LT**	Water	09/26/18 13:45	09/27/18 19:45
10449412013	**MW-10 LT**	Water	09/26/18 17:30	09/27/18 19:45
10449412014	**MW-10-30 LT**	Water	09/26/18 17:50	09/27/18 19:45
10449412015	**MW-10-50 LT**	Water	09/26/18 17:40	09/27/18 19:45
10449412016	**MW-13D**	Water	09/27/18 09:15	09/27/18 19:45
10449412017	**MW-15S**	Water	09/27/18 07:35	09/27/18 19:45
10449412018	**MW-15D**	Water	09/27/18 10:15	09/27/18 19:45
10449412019	**MW-16S**	Water	09/27/18 08:40	09/27/18 19:45
10449412020	**MW-16D**	Water	09/27/18 08:15	09/27/18 19:45
10449412021	**Trip Blank**	Water		09/27/18 19:45

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SAMPLE ANALYTE COUNT

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10449412001	**MW-10**	EPA 8260B	DS2	70
10449412002	**MW-13**	EPA 8260B	DS2	70
10449412003	**MW-14**	EPA 8260B	DS2	70
10449412004	**MW-17**	EPA 8260B	DS2	70
10449412005	**MW-17-40**	EPA 8260B	DS2	70
10449412006	**MW-17-70**	EPA 8260B	DS2	70
10449412007	**MW-6 LT**	EPA 8260B	DS2	70
10449412008	**MW-6-30 LT**	EPA 8260B	MJD	70
10449412009	**MW-6-50 LT**	EPA 8260B	MJD	70
10449412010	**MW-7 LT**	EPA 8260B	MJD	70
10449412011	**MW-7-30 LT**	EPA 8260B	MJD	70
10449412012	**MW-7-50 LT**	EPA 8260B	MJD	70
10449412013	**MW-10 LT**	EPA 8260B	MJD	70
10449412014	**MW-10-30 LT**	EPA 8260B	MJD	70
10449412015	**MW-10-50 LT**	EPA 8260B	MJD	70
10449412016	**MW-13D**	EPA 8260B	MJD	70
10449412017	**MW-15S**	EPA 8260B	MJD	70
10449412018	**MW-15D**	EPA 8260B	MJD	70
10449412019	**MW-16S**	EPA 8260B	MJD	70
10449412020	**MW-16D**	EPA 8260B	MJD	70
10449412021	**Trip Blank**	EPA 8260B	MJD	70

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PROJECT NARRATIVE

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Method: **EPA 8260B**
Description: 8260B VOC
Client: MSA Professional Services
Date: October 08, 2018

General Information:
21 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.

QC Batch: 567273

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

- BLANK (Lab ID: 3077903)
  - Methylene Chloride
- LCS (Lab ID: 3077904)
  - Methylene Chloride
- MS (Lab ID: 3077905)
  - Methylene Chloride
- MSD (Lab ID: 3077906)
  - Methylene Chloride

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: 567273

P8: Analyte was detected in the method blank. All associated samples had concentrations of at least ten times greater than the blank or were below the reporting limit.

- BLANK (Lab ID: 3077903)
  - Methylene Chloride

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: 567273

L3: Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples.

- LCS (Lab ID: 3077904)

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PROJECT NARRATIVE

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Method: **EPA 8260B**
Description: 8260B VOC
Client: MSA Professional Services
Date: October 08, 2018

QC Batch: 567273

L3: Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples.

- Methylene Chloride

Matrix Spikes:

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

QC Batch: 567273

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 10449391024

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MS (Lab ID: 3077905)
  - Methylene Chloride

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

- MS (Lab ID: 3077905)
  - 1,1,1-Trichloroethane
  - 1,1,2-Trichloroethane
  - 1,1-Dichloropropene
  - 1,2,4-Trichlorobenzene
  - 1,2-Dibromoethane (EDB)
  - 1,2-Dichlorobenzene
  - 1,2-Dichloroethane
  - 1,3-Dichlorobenzene
  - 1,4-Dichlorobenzene
  - Bromodichloromethane
  - Chlorobenzene
  - Chloroform
  - Dibromomethane
  - Ethylbenzene
  - Isopropylbenzene (Cumene)

Additional Comments:

Analyte Comments:

QC Batch: 567273

N2: The lab does not hold NELAC/TNI accreditation for this parameter.

- BLANK (Lab ID: 3077903)
  - Dichlorofluoromethane
- LCS (Lab ID: 3077904)
  - Dichlorofluoromethane
- MS (Lab ID: 3077905)
  - Dichlorofluoromethane
- MSD (Lab ID: 3077906)
  - Dichlorofluoromethane

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PROJECT NARRATIVE

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Method: **EPA 8260B**
Description: 8260B VOC
Client: MSA Professional Services
Date: October 08, 2018

Analyte Comments:

QC Batch: 567273

N2: The lab does not hold NELAC/TNI accreditation for this parameter.

- MW-10 (Lab ID: 10449412001)
  - Dichlorofluoromethane
- MW-13 (Lab ID: 10449412002)
  - Dichlorofluoromethane
- MW-14 (Lab ID: 10449412003)
  - Dichlorofluoromethane
- MW-17 (Lab ID: 10449412004)
  - Dichlorofluoromethane
- MW-17-40 (Lab ID: 10449412005)
  - Dichlorofluoromethane
- MW-17-70 (Lab ID: 10449412006)
  - Dichlorofluoromethane
- MW-6 LT (Lab ID: 10449412007)
  - Dichlorofluoromethane

P8: Analyte was detected in the method blank. All associated samples had concentrations of at least ten times greater than the blank or were below the reporting limit.

- BLANK (Lab ID: 3077903)
  - Methylene Chloride

QC Batch: 567496

N2: The lab does not hold NELAC/TNI accreditation for this parameter.

- BLANK (Lab ID: 3079403)
  - Dichlorofluoromethane
- LCS (Lab ID: 3079404)
  - Dichlorofluoromethane
- MS (Lab ID: 3079422)
  - Dichlorofluoromethane
- MSD (Lab ID: 3079423)
  - Dichlorofluoromethane
- MW-10 LT (Lab ID: 10449412013)
  - Dichlorofluoromethane
- MW-10-30 LT (Lab ID: 10449412014)
  - Dichlorofluoromethane
- MW-10-50 LT (Lab ID: 10449412015)
  - Dichlorofluoromethane
- MW-13D (Lab ID: 10449412016)
  - Dichlorofluoromethane
- MW-15D (Lab ID: 10449412018)
  - Dichlorofluoromethane
- MW-15S (Lab ID: 10449412017)
  - Dichlorofluoromethane
- MW-16D (Lab ID: 10449412020)
  - Dichlorofluoromethane

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PROJECT NARRATIVE

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Method: **EPA 8260B**
Description: 8260B VOC
Client: MSA Professional Services
Date: October 08, 2018

Analyte Comments:

QC Batch: 567496

N2: The lab does not hold NELAC/TNI accreditation for this parameter.

- MW-16S (Lab ID: 10449412019)
  - Dichlorofluoromethane
- MW-6-30 LT (Lab ID: 10449412008)
  - Dichlorofluoromethane
- MW-6-50 LT (Lab ID: 10449412009)
  - Dichlorofluoromethane
- MW-7 LT (Lab ID: 10449412010)
  - Dichlorofluoromethane
- MW-7-30 LT (Lab ID: 10449412011)
  - Dichlorofluoromethane
- MW-7-50 LT (Lab ID: 10449412012)
  - Dichlorofluoromethane
- Trip Blank (Lab ID: 10449412021)
  - Dichlorofluoromethane

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

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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Sample: MW-10 **Lab ID: 10449412001** Collected: 09/27/18 09:50 Received: 09/27/18 19:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Acetone	**<9.2**	ug/L	30.8	9.2	1		10/05/18 07:57	67-64-1	
Allyl chloride	**<0.29**	ug/L	0.97	0.29	1		10/05/18 07:57	107-05-1	
Benzene	**<0.10**	ug/L	0.34	0.10	1		10/05/18 07:57	71-43-2	
Bromobenzene	**<0.21**	ug/L	0.69	0.21	1		10/05/18 07:57	108-86-1	
Bromochloromethane	**<0.27**	ug/L	0.91	0.27	1		10/05/18 07:57	74-97-5	
Bromodichloromethane	**<0.22**	ug/L	0.72	0.22	1		10/05/18 07:57	75-27-4	
Bromoform	**<0.80**	ug/L	2.7	0.80	1		10/05/18 07:57	75-25-2	
Bromomethane	**<1.8**	ug/L	6.1	1.8	1		10/05/18 07:57	74-83-9	
2-Butanone (MEK)	**<0.99**	ug/L	3.3	0.99	1		10/05/18 07:57	78-93-3	
n-Butylbenzene	**<0.24**	ug/L	0.80	0.24	1		10/05/18 07:57	104-51-8	
sec-Butylbenzene	**<0.15**	ug/L	0.50	0.15	1		10/05/18 07:57	135-98-8	
tert-Butylbenzene	**<0.15**	ug/L	0.49	0.15	1		10/05/18 07:57	98-06-6	
Carbon tetrachloride	**<0.19**	ug/L	0.63	0.19	1		10/05/18 07:57	56-23-5	
Chlorobenzene	**<0.17**	ug/L	0.57	0.17	1		10/05/18 07:57	108-90-7	
Chloroethane	**<0.49**	ug/L	1.6	0.49	1		10/05/18 07:57	75-00-3	
Chloroform	**<0.45**	ug/L	1.5	0.45	1		10/05/18 07:57	67-66-3	
Chloromethane	**<0.16**	ug/L	0.52	0.16	1		10/05/18 07:57	74-87-3	
2-Chlorotoluene	**<0.16**	ug/L	0.54	0.16	1		10/05/18 07:57	95-49-8	
4-Chlorotoluene	**<0.13**	ug/L	0.45	0.13	1		10/05/18 07:57	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.5	1.7	1		10/05/18 07:57	96-12-8	
Dibromochloromethane	**<0.12**	ug/L	0.41	0.12	1		10/05/18 07:57	124-48-1	
1,2-Dibromoethane (EDB)	**<0.24**	ug/L	0.80	0.24	1		10/05/18 07:57	106-93-4	
Dibromomethane	**<0.16**	ug/L	0.54	0.16	1		10/05/18 07:57	74-95-3	
1,2-Dichlorobenzene	**<0.14**	ug/L	0.46	0.14	1		10/05/18 07:57	95-50-1	
1,3-Dichlorobenzene	**<0.16**	ug/L	0.54	0.16	1		10/05/18 07:57	541-73-1	
1,4-Dichlorobenzene	**<0.17**	ug/L	0.56	0.17	1		10/05/18 07:57	106-46-7	
Dichlorodifluoromethane	**<0.23**	ug/L	0.78	0.23	1		10/05/18 07:57	75-71-8	
1,1-Dichloroethane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 07:57	75-34-3	
1,2-Dichloroethane	**<0.22**	ug/L	0.73	0.22	1		10/05/18 07:57	107-06-2	
1,1-Dichloroethene	**<0.16**	ug/L	0.53	0.16	1		10/05/18 07:57	75-35-4	
cis-1,2-Dichloroethene	**<0.15**	ug/L	0.51	0.15	1		10/05/18 07:57	156-59-2	
trans-1,2-Dichloroethene	**<0.12**	ug/L	0.39	0.12	1		10/05/18 07:57	156-60-5	
Dichlorofluoromethane	**<0.14**	ug/L	0.47	0.14	1		10/05/18 07:57	75-43-4	N2
1,2-Dichloropropane	**<0.16**	ug/L	0.55	0.16	1		10/05/18 07:57	78-87-5	
1,3-Dichloropropane	**<0.070**	ug/L	0.23	0.070	1		10/05/18 07:57	142-28-9	
2,2-Dichloropropane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 07:57	594-20-7	
1,1-Dichloropropene	**<0.20**	ug/L	0.66	0.20	1		10/05/18 07:57	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	0.68	0.20	1		10/05/18 07:57	10061-01-5	
trans-1,3-Dichloropropene	**<0.18**	ug/L	0.61	0.18	1		10/05/18 07:57	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.095**	ug/L	0.32	0.095	1		10/05/18 07:57	60-29-7	
Ethylbenzene	**<0.14**	ug/L	0.46	0.14	1		10/05/18 07:57	100-41-4	
Hexachloro-1,3-butadiene	**<0.31**	ug/L	1.0	0.31	1		10/05/18 07:57	87-68-3	
Isopropylbenzene (Cumene)	**<0.18**	ug/L	0.62	0.18	1		10/05/18 07:57	98-82-8	
p-Isopropyltoluene	**<0.15**	ug/L	0.51	0.15	1		10/05/18 07:57	99-87-6	
Methylene Chloride	**<0.98**	ug/L	3.3	0.98	1		10/05/18 07:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.42**	ug/L	1.4	0.42	1		10/05/18 07:57	108-10-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Sample: MW-10 **Lab ID: 10449412001** Collected: 09/27/18 09:50 Received: 09/27/18 19:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**<0.16**	ug/L	0.54	0.16	1		10/05/18 07:57	1634-04-4	
Naphthalene	**<0.48**	ug/L	1.6	0.48	1		10/05/18 07:57	91-20-3	
n-Propylbenzene	**<0.10**	ug/L	0.34	0.10	1		10/05/18 07:57	103-65-1	
Styrene	**<0.19**	ug/L	0.62	0.19	1		10/05/18 07:57	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	0.65	0.20	1		10/05/18 07:57	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 07:57	79-34-5	
Tetrachloroethene	**<0.17**	ug/L	0.57	0.17	1		10/05/18 07:57	127-18-4	
Tetrahydrofuran	**2.3J**	ug/L	7.4	2.2	1		10/05/18 07:57	109-99-9	
Toluene	**<0.083**	ug/L	0.28	0.083	1		10/05/18 07:57	108-88-3	
1,2,3-Trichlorobenzene	**<0.21**	ug/L	0.69	0.21	1		10/05/18 07:57	87-61-6	
1,2,4-Trichlorobenzene	**<0.20**	ug/L	0.66	0.20	1		10/05/18 07:57	120-82-1	
1,1,1-Trichloroethane	**<0.14**	ug/L	0.45	0.14	1		10/05/18 07:57	71-55-6	
1,1,2-Trichloroethane	**<0.18**	ug/L	0.60	0.18	1		10/05/18 07:57	79-00-5	
Trichloroethene	**<0.15**	ug/L	0.50	0.15	1		10/05/18 07:57	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/L	0.77	0.23	1		10/05/18 07:57	75-69-4	
1,2,3-Trichloropropane	**<0.26**	ug/L	0.86	0.26	1		10/05/18 07:57	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.22**	ug/L	0.72	0.22	1		10/05/18 07:57	76-13-1	
1,2,4-Trimethylbenzene	**<0.20**	ug/L	0.65	0.20	1		10/05/18 07:57	95-63-6	
1,3,5-Trimethylbenzene	**<0.12**	ug/L	0.41	0.12	1		10/05/18 07:57	108-67-8	
Vinyl chloride	**<0.092**	ug/L	0.31	0.092	1		10/05/18 07:57	75-01-4	
Xylene (Total)	**<0.31**	ug/L	1.0	0.31	1		10/05/18 07:57	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	104	%.	75-125		1		10/05/18 07:57	17060-07-0	
Toluene-d8 (S)	101	%.	75-125		1		10/05/18 07:57	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	75-125		1		10/05/18 07:57	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Sample: MW-13 **Lab ID: 10449412002** Collected: 09/26/18 14:35 Received: 09/27/18 19:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Acetone	**<9.2**	ug/L	30.8	9.2	1		10/05/18 08:15	67-64-1	
Allyl chloride	**<0.29**	ug/L	0.97	0.29	1		10/05/18 08:15	107-05-1	
Benzene	**<0.10**	ug/L	0.34	0.10	1		10/05/18 08:15	71-43-2	
Bromobenzene	**<0.21**	ug/L	0.69	0.21	1		10/05/18 08:15	108-86-1	
Bromochloromethane	**<0.27**	ug/L	0.91	0.27	1		10/05/18 08:15	74-97-5	
Bromodichloromethane	**<0.22**	ug/L	0.72	0.22	1		10/05/18 08:15	75-27-4	
Bromoform	**<0.80**	ug/L	2.7	0.80	1		10/05/18 08:15	75-25-2	
Bromomethane	**<1.8**	ug/L	6.1	1.8	1		10/05/18 08:15	74-83-9	
2-Butanone (MEK)	**<0.99**	ug/L	3.3	0.99	1		10/05/18 08:15	78-93-3	
n-Butylbenzene	**<0.24**	ug/L	0.80	0.24	1		10/05/18 08:15	104-51-8	
sec-Butylbenzene	**<0.15**	ug/L	0.50	0.15	1		10/05/18 08:15	135-98-8	
tert-Butylbenzene	**<0.15**	ug/L	0.49	0.15	1		10/05/18 08:15	98-06-6	
Carbon tetrachloride	**<0.19**	ug/L	0.63	0.19	1		10/05/18 08:15	56-23-5	
Chlorobenzene	**<0.17**	ug/L	0.57	0.17	1		10/05/18 08:15	108-90-7	
Chloroethane	**<0.49**	ug/L	1.6	0.49	1		10/05/18 08:15	75-00-3	
Chloroform	**<0.45**	ug/L	1.5	0.45	1		10/05/18 08:15	67-66-3	
Chloromethane	**<0.16**	ug/L	0.52	0.16	1		10/05/18 08:15	74-87-3	
2-Chlorotoluene	**<0.16**	ug/L	0.54	0.16	1		10/05/18 08:15	95-49-8	
4-Chlorotoluene	**<0.13**	ug/L	0.45	0.13	1		10/05/18 08:15	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.5	1.7	1		10/05/18 08:15	96-12-8	
Dibromochloromethane	**<0.12**	ug/L	0.41	0.12	1		10/05/18 08:15	124-48-1	
1,2-Dibromoethane (EDB)	**<0.24**	ug/L	0.80	0.24	1		10/05/18 08:15	106-93-4	
Dibromomethane	**<0.16**	ug/L	0.54	0.16	1		10/05/18 08:15	74-95-3	
1,2-Dichlorobenzene	**<0.14**	ug/L	0.46	0.14	1		10/05/18 08:15	95-50-1	
1,3-Dichlorobenzene	**<0.16**	ug/L	0.54	0.16	1		10/05/18 08:15	541-73-1	
1,4-Dichlorobenzene	**<0.17**	ug/L	0.56	0.17	1		10/05/18 08:15	106-46-7	
Dichlorodifluoromethane	**<0.23**	ug/L	0.78	0.23	1		10/05/18 08:15	75-71-8	
1,1-Dichloroethane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 08:15	75-34-3	
1,2-Dichloroethane	**<0.22**	ug/L	0.73	0.22	1		10/05/18 08:15	107-06-2	
1,1-Dichloroethene	**<0.16**	ug/L	0.53	0.16	1		10/05/18 08:15	75-35-4	
cis-1,2-Dichloroethene	**<0.15**	ug/L	0.51	0.15	1		10/05/18 08:15	156-59-2	
trans-1,2-Dichloroethene	**<0.12**	ug/L	0.39	0.12	1		10/05/18 08:15	156-60-5	
Dichlorofluoromethane	**<0.14**	ug/L	0.47	0.14	1		10/05/18 08:15	75-43-4	N2
1,2-Dichloropropane	**<0.16**	ug/L	0.55	0.16	1		10/05/18 08:15	78-87-5	
1,3-Dichloropropane	**<0.070**	ug/L	0.23	0.070	1		10/05/18 08:15	142-28-9	
2,2-Dichloropropane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 08:15	594-20-7	
1,1-Dichloropropene	**<0.20**	ug/L	0.66	0.20	1		10/05/18 08:15	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	0.68	0.20	1		10/05/18 08:15	10061-01-5	
trans-1,3-Dichloropropene	**<0.18**	ug/L	0.61	0.18	1		10/05/18 08:15	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.095**	ug/L	0.32	0.095	1		10/05/18 08:15	60-29-7	
Ethylbenzene	**<0.14**	ug/L	0.46	0.14	1		10/05/18 08:15	100-41-4	
Hexachloro-1,3-butadiene	**<0.31**	ug/L	1.0	0.31	1		10/05/18 08:15	87-68-3	
Isopropylbenzene (Cumene)	**<0.18**	ug/L	0.62	0.18	1		10/05/18 08:15	98-82-8	
p-Isopropyltoluene	**<0.15**	ug/L	0.51	0.15	1		10/05/18 08:15	99-87-6	
Methylene Chloride	**<0.98**	ug/L	3.3	0.98	1		10/05/18 08:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.42**	ug/L	1.4	0.42	1		10/05/18 08:15	108-10-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Sample: MW-13 **Lab ID: 10449412002** Collected: 09/26/18 14:35 Received: 09/27/18 19:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**<0.16**	ug/L	0.54	0.16	1		10/05/18 08:15	1634-04-4	
Naphthalene	**<0.48**	ug/L	1.6	0.48	1		10/05/18 08:15	91-20-3	
n-Propylbenzene	**<0.10**	ug/L	0.34	0.10	1		10/05/18 08:15	103-65-1	
Styrene	**<0.19**	ug/L	0.62	0.19	1		10/05/18 08:15	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	0.65	0.20	1		10/05/18 08:15	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 08:15	79-34-5	
Tetrachloroethene	**<0.17**	ug/L	0.57	0.17	1		10/05/18 08:15	127-18-4	
Tetrahydrofuran	**<2.2**	ug/L	7.4	2.2	1		10/05/18 08:15	109-99-9	
Toluene	**<0.083**	ug/L	0.28	0.083	1		10/05/18 08:15	108-88-3	
1,2,3-Trichlorobenzene	**<0.21**	ug/L	0.69	0.21	1		10/05/18 08:15	87-61-6	
1,2,4-Trichlorobenzene	**<0.20**	ug/L	0.66	0.20	1		10/05/18 08:15	120-82-1	
1,1,1-Trichloroethane	**<0.14**	ug/L	0.45	0.14	1		10/05/18 08:15	71-55-6	
1,1,2-Trichloroethane	**<0.18**	ug/L	0.60	0.18	1		10/05/18 08:15	79-00-5	
Trichloroethene	**<0.15**	ug/L	0.50	0.15	1		10/05/18 08:15	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/L	0.77	0.23	1		10/05/18 08:15	75-69-4	
1,2,3-Trichloropropane	**<0.26**	ug/L	0.86	0.26	1		10/05/18 08:15	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.22**	ug/L	0.72	0.22	1		10/05/18 08:15	76-13-1	
1,2,4-Trimethylbenzene	**<0.20**	ug/L	0.65	0.20	1		10/05/18 08:15	95-63-6	
1,3,5-Trimethylbenzene	**<0.12**	ug/L	0.41	0.12	1		10/05/18 08:15	108-67-8	
Vinyl chloride	**<0.092**	ug/L	0.31	0.092	1		10/05/18 08:15	75-01-4	
Xylene (Total)	**<0.31**	ug/L	1.0	0.31	1		10/05/18 08:15	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%.	75-125		1		10/05/18 08:15	17060-07-0	
Toluene-d8 (S)	100	%.	75-125		1		10/05/18 08:15	2037-26-5	
4-Bromofluorobenzene (S)	104	%.	75-125		1		10/05/18 08:15	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Sample: MW-14 **Lab ID: 10449412003** Collected: 09/26/18 14:55 Received: 09/27/18 19:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Acetone	**<9.2**	ug/L	30.8	9.2	1		10/05/18 08:32	67-64-1	
Allyl chloride	**<0.29**	ug/L	0.97	0.29	1		10/05/18 08:32	107-05-1	
Benzene	**<0.10**	ug/L	0.34	0.10	1		10/05/18 08:32	71-43-2	
Bromobenzene	**<0.21**	ug/L	0.69	0.21	1		10/05/18 08:32	108-86-1	
Bromochloromethane	**<0.27**	ug/L	0.91	0.27	1		10/05/18 08:32	74-97-5	
Bromodichloromethane	**<0.22**	ug/L	0.72	0.22	1		10/05/18 08:32	75-27-4	
Bromoform	**<0.80**	ug/L	2.7	0.80	1		10/05/18 08:32	75-25-2	
Bromomethane	**<1.8**	ug/L	6.1	1.8	1		10/05/18 08:32	74-83-9	
2-Butanone (MEK)	**<0.99**	ug/L	3.3	0.99	1		10/05/18 08:32	78-93-3	
n-Butylbenzene	**<0.24**	ug/L	0.80	0.24	1		10/05/18 08:32	104-51-8	
sec-Butylbenzene	**<0.15**	ug/L	0.50	0.15	1		10/05/18 08:32	135-98-8	
tert-Butylbenzene	**<0.15**	ug/L	0.49	0.15	1		10/05/18 08:32	98-06-6	
Carbon tetrachloride	**<0.19**	ug/L	0.63	0.19	1		10/05/18 08:32	56-23-5	
Chlorobenzene	**<0.17**	ug/L	0.57	0.17	1		10/05/18 08:32	108-90-7	
Chloroethane	**<0.49**	ug/L	1.6	0.49	1		10/05/18 08:32	75-00-3	
Chloroform	**<0.45**	ug/L	1.5	0.45	1		10/05/18 08:32	67-66-3	
Chloromethane	**<0.16**	ug/L	0.52	0.16	1		10/05/18 08:32	74-87-3	
2-Chlorotoluene	**<0.16**	ug/L	0.54	0.16	1		10/05/18 08:32	95-49-8	
4-Chlorotoluene	**<0.13**	ug/L	0.45	0.13	1		10/05/18 08:32	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.5	1.7	1		10/05/18 08:32	96-12-8	
Dibromochloromethane	**<0.12**	ug/L	0.41	0.12	1		10/05/18 08:32	124-48-1	
1,2-Dibromoethane (EDB)	**<0.24**	ug/L	0.80	0.24	1		10/05/18 08:32	106-93-4	
Dibromomethane	**<0.16**	ug/L	0.54	0.16	1		10/05/18 08:32	74-95-3	
1,2-Dichlorobenzene	**<0.14**	ug/L	0.46	0.14	1		10/05/18 08:32	95-50-1	
1,3-Dichlorobenzene	**<0.16**	ug/L	0.54	0.16	1		10/05/18 08:32	541-73-1	
1,4-Dichlorobenzene	**<0.17**	ug/L	0.56	0.17	1		10/05/18 08:32	106-46-7	
Dichlorodifluoromethane	**<0.23**	ug/L	0.78	0.23	1		10/05/18 08:32	75-71-8	
1,1-Dichloroethane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 08:32	75-34-3	
1,2-Dichloroethane	**<0.22**	ug/L	0.73	0.22	1		10/05/18 08:32	107-06-2	
1,1-Dichloroethene	**<0.16**	ug/L	0.53	0.16	1		10/05/18 08:32	75-35-4	
cis-1,2-Dichloroethene	**<0.15**	ug/L	0.51	0.15	1		10/05/18 08:32	156-59-2	
trans-1,2-Dichloroethene	**<0.12**	ug/L	0.39	0.12	1		10/05/18 08:32	156-60-5	
Dichlorofluoromethane	**<0.14**	ug/L	0.47	0.14	1		10/05/18 08:32	75-43-4	N2
1,2-Dichloropropane	**<0.16**	ug/L	0.55	0.16	1		10/05/18 08:32	78-87-5	
1,3-Dichloropropane	**<0.070**	ug/L	0.23	0.070	1		10/05/18 08:32	142-28-9	
2,2-Dichloropropane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 08:32	594-20-7	
1,1-Dichloropropene	**<0.20**	ug/L	0.66	0.20	1		10/05/18 08:32	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	0.68	0.20	1		10/05/18 08:32	10061-01-5	
trans-1,3-Dichloropropene	**<0.18**	ug/L	0.61	0.18	1		10/05/18 08:32	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.095**	ug/L	0.32	0.095	1		10/05/18 08:32	60-29-7	
Ethylbenzene	**<0.14**	ug/L	0.46	0.14	1		10/05/18 08:32	100-41-4	
Hexachloro-1,3-butadiene	**<0.31**	ug/L	1.0	0.31	1		10/05/18 08:32	87-68-3	
Isopropylbenzene (Cumene)	**<0.18**	ug/L	0.62	0.18	1		10/05/18 08:32	98-82-8	
p-Isopropyltoluene	**<0.15**	ug/L	0.51	0.15	1		10/05/18 08:32	99-87-6	
Methylene Chloride	**<0.98**	ug/L	3.3	0.98	1		10/05/18 08:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.42**	ug/L	1.4	0.42	1		10/05/18 08:32	108-10-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Sample: MW-14 **Lab ID: 10449412003** Collected: 09/26/18 14:55 Received: 09/27/18 19:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**<0.16**	ug/L	0.54	0.16	1		10/05/18 08:32	1634-04-4	
Naphthalene	**<0.48**	ug/L	1.6	0.48	1		10/05/18 08:32	91-20-3	
n-Propylbenzene	**<0.10**	ug/L	0.34	0.10	1		10/05/18 08:32	103-65-1	
Styrene	**<0.19**	ug/L	0.62	0.19	1		10/05/18 08:32	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	0.65	0.20	1		10/05/18 08:32	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 08:32	79-34-5	
Tetrachloroethene	**0.54J**	ug/L	0.57	0.17	1		10/05/18 08:32	127-18-4	
Tetrahydrofuran	**<2.2**	ug/L	7.4	2.2	1		10/05/18 08:32	109-99-9	
Toluene	**<0.083**	ug/L	0.28	0.083	1		10/05/18 08:32	108-88-3	
1,2,3-Trichlorobenzene	**<0.21**	ug/L	0.69	0.21	1		10/05/18 08:32	87-61-6	
1,2,4-Trichlorobenzene	**<0.20**	ug/L	0.66	0.20	1		10/05/18 08:32	120-82-1	
1,1,1-Trichloroethane	**<0.14**	ug/L	0.45	0.14	1		10/05/18 08:32	71-55-6	
1,1,2-Trichloroethane	**<0.18**	ug/L	0.60	0.18	1		10/05/18 08:32	79-00-5	
Trichloroethene	**<0.15**	ug/L	0.50	0.15	1		10/05/18 08:32	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/L	0.77	0.23	1		10/05/18 08:32	75-69-4	
1,2,3-Trichloropropane	**<0.26**	ug/L	0.86	0.26	1		10/05/18 08:32	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.22**	ug/L	0.72	0.22	1		10/05/18 08:32	76-13-1	
1,2,4-Trimethylbenzene	**<0.20**	ug/L	0.65	0.20	1		10/05/18 08:32	95-63-6	
1,3,5-Trimethylbenzene	**<0.12**	ug/L	0.41	0.12	1		10/05/18 08:32	108-67-8	
Vinyl chloride	**<0.092**	ug/L	0.31	0.092	1		10/05/18 08:32	75-01-4	
Xylene (Total)	**<0.31**	ug/L	1.0	0.31	1		10/05/18 08:32	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	104	%.	75-125		1		10/05/18 08:32	17060-07-0	
Toluene-d8 (S)	100	%.	75-125		1		10/05/18 08:32	2037-26-5	
4-Bromofluorobenzene (S)	105	%.	75-125		1		10/05/18 08:32	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Sample: MW-17 **Lab ID: 10449412004** Collected: 09/26/18 15:30 Received: 09/27/18 19:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Acetone	**<9.2**	ug/L	30.8	9.2	1		10/05/18 08:50	67-64-1	
Allyl chloride	**<0.29**	ug/L	0.97	0.29	1		10/05/18 08:50	107-05-1	
Benzene	**<0.10**	ug/L	0.34	0.10	1		10/05/18 08:50	71-43-2	
Bromobenzene	**<0.21**	ug/L	0.69	0.21	1		10/05/18 08:50	108-86-1	
Bromochloromethane	**<0.27**	ug/L	0.91	0.27	1		10/05/18 08:50	74-97-5	
Bromodichloromethane	**<0.22**	ug/L	0.72	0.22	1		10/05/18 08:50	75-27-4	
Bromoform	**<0.80**	ug/L	2.7	0.80	1		10/05/18 08:50	75-25-2	
Bromomethane	**<1.8**	ug/L	6.1	1.8	1		10/05/18 08:50	74-83-9	
2-Butanone (MEK)	**<0.99**	ug/L	3.3	0.99	1		10/05/18 08:50	78-93-3	
n-Butylbenzene	**<0.24**	ug/L	0.80	0.24	1		10/05/18 08:50	104-51-8	
sec-Butylbenzene	**<0.15**	ug/L	0.50	0.15	1		10/05/18 08:50	135-98-8	
tert-Butylbenzene	**<0.15**	ug/L	0.49	0.15	1		10/05/18 08:50	98-06-6	
Carbon tetrachloride	**<0.19**	ug/L	0.63	0.19	1		10/05/18 08:50	56-23-5	
Chlorobenzene	**<0.17**	ug/L	0.57	0.17	1		10/05/18 08:50	108-90-7	
Chloroethane	**<0.49**	ug/L	1.6	0.49	1		10/05/18 08:50	75-00-3	
Chloroform	**<0.45**	ug/L	1.5	0.45	1		10/05/18 08:50	67-66-3	
Chloromethane	**<0.16**	ug/L	0.52	0.16	1		10/05/18 08:50	74-87-3	
2-Chlorotoluene	**<0.16**	ug/L	0.54	0.16	1		10/05/18 08:50	95-49-8	
4-Chlorotoluene	**<0.13**	ug/L	0.45	0.13	1		10/05/18 08:50	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.5	1.7	1		10/05/18 08:50	96-12-8	
Dibromochloromethane	**<0.12**	ug/L	0.41	0.12	1		10/05/18 08:50	124-48-1	
1,2-Dibromoethane (EDB)	**<0.24**	ug/L	0.80	0.24	1		10/05/18 08:50	106-93-4	
Dibromomethane	**<0.16**	ug/L	0.54	0.16	1		10/05/18 08:50	74-95-3	
1,2-Dichlorobenzene	**<0.14**	ug/L	0.46	0.14	1		10/05/18 08:50	95-50-1	
1,3-Dichlorobenzene	**<0.16**	ug/L	0.54	0.16	1		10/05/18 08:50	541-73-1	
1,4-Dichlorobenzene	**<0.17**	ug/L	0.56	0.17	1		10/05/18 08:50	106-46-7	
Dichlorodifluoromethane	**<0.23**	ug/L	0.78	0.23	1		10/05/18 08:50	75-71-8	
1,1-Dichloroethane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 08:50	75-34-3	
1,2-Dichloroethane	**<0.22**	ug/L	0.73	0.22	1		10/05/18 08:50	107-06-2	
1,1-Dichloroethene	**<0.16**	ug/L	0.53	0.16	1		10/05/18 08:50	75-35-4	
cis-1,2-Dichloroethene	**<0.15**	ug/L	0.51	0.15	1		10/05/18 08:50	156-59-2	
trans-1,2-Dichloroethene	**<0.12**	ug/L	0.39	0.12	1		10/05/18 08:50	156-60-5	
Dichlorofluoromethane	**<0.14**	ug/L	0.47	0.14	1		10/05/18 08:50	75-43-4	N2
1,2-Dichloropropane	**<0.16**	ug/L	0.55	0.16	1		10/05/18 08:50	78-87-5	
1,3-Dichloropropane	**<0.070**	ug/L	0.23	0.070	1		10/05/18 08:50	142-28-9	
2,2-Dichloropropane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 08:50	594-20-7	
1,1-Dichloropropene	**<0.20**	ug/L	0.66	0.20	1		10/05/18 08:50	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	0.68	0.20	1		10/05/18 08:50	10061-01-5	
trans-1,3-Dichloropropene	**<0.18**	ug/L	0.61	0.18	1		10/05/18 08:50	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.095**	ug/L	0.32	0.095	1		10/05/18 08:50	60-29-7	
Ethylbenzene	**<0.14**	ug/L	0.46	0.14	1		10/05/18 08:50	100-41-4	
Hexachloro-1,3-butadiene	**<0.31**	ug/L	1.0	0.31	1		10/05/18 08:50	87-68-3	
Isopropylbenzene (Cumene)	**<0.18**	ug/L	0.62	0.18	1		10/05/18 08:50	98-82-8	
p-Isopropyltoluene	**<0.15**	ug/L	0.51	0.15	1		10/05/18 08:50	99-87-6	
Methylene Chloride	**<0.98**	ug/L	3.3	0.98	1		10/05/18 08:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.42**	ug/L	1.4	0.42	1		10/05/18 08:50	108-10-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Minneapolis, MN 55414
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Sample: MW-17 **Lab ID: 10449412004** Collected: 09/26/18 15:30 Received: 09/27/18 19:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**<0.16**	ug/L	0.54	0.16	1		10/05/18 08:50	1634-04-4	
Naphthalene	**<0.48**	ug/L	1.6	0.48	1		10/05/18 08:50	91-20-3	
n-Propylbenzene	**<0.10**	ug/L	0.34	0.10	1		10/05/18 08:50	103-65-1	
Styrene	**<0.19**	ug/L	0.62	0.19	1		10/05/18 08:50	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	0.65	0.20	1		10/05/18 08:50	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 08:50	79-34-5	
Tetrachloroethene	**1.1**	ug/L	0.57	0.17	1		10/05/18 08:50	127-18-4	
Tetrahydrofuran	**<2.2**	ug/L	7.4	2.2	1		10/05/18 08:50	109-99-9	
Toluene	**<0.083**	ug/L	0.28	0.083	1		10/05/18 08:50	108-88-3	
1,2,3-Trichlorobenzene	**<0.21**	ug/L	0.69	0.21	1		10/05/18 08:50	87-61-6	
1,2,4-Trichlorobenzene	**<0.20**	ug/L	0.66	0.20	1		10/05/18 08:50	120-82-1	
1,1,1-Trichloroethane	**<0.14**	ug/L	0.45	0.14	1		10/05/18 08:50	71-55-6	
1,1,2-Trichloroethane	**<0.18**	ug/L	0.60	0.18	1		10/05/18 08:50	79-00-5	
Trichloroethene	**<0.15**	ug/L	0.50	0.15	1		10/05/18 08:50	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/L	0.77	0.23	1		10/05/18 08:50	75-69-4	
1,2,3-Trichloropropane	**<0.26**	ug/L	0.86	0.26	1		10/05/18 08:50	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.22**	ug/L	0.72	0.22	1		10/05/18 08:50	76-13-1	
1,2,4-Trimethylbenzene	**<0.20**	ug/L	0.65	0.20	1		10/05/18 08:50	95-63-6	
1,3,5-Trimethylbenzene	**<0.12**	ug/L	0.41	0.12	1		10/05/18 08:50	108-67-8	
Vinyl chloride	**<0.092**	ug/L	0.31	0.092	1		10/05/18 08:50	75-01-4	
Xylene (Total)	**<0.31**	ug/L	1.0	0.31	1		10/05/18 08:50	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	104	%.	75-125		1		10/05/18 08:50	17060-07-0	
Toluene-d8 (S)	99	%.	75-125		1		10/05/18 08:50	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	75-125		1		10/05/18 08:50	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Sample: MW-17-40 **Lab ID: 10449412005** Collected: 09/26/18 15:45 Received: 09/27/18 19:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Acetone	**<9.2**	ug/L	30.8	9.2	1		10/05/18 09:08	67-64-1	
Allyl chloride	**<0.29**	ug/L	0.97	0.29	1		10/05/18 09:08	107-05-1	
Benzene	**<0.10**	ug/L	0.34	0.10	1		10/05/18 09:08	71-43-2	
Bromobenzene	**<0.21**	ug/L	0.69	0.21	1		10/05/18 09:08	108-86-1	
Bromochloromethane	**<0.27**	ug/L	0.91	0.27	1		10/05/18 09:08	74-97-5	
Bromodichloromethane	**0.37J**	ug/L	0.72	0.22	1		10/05/18 09:08	75-27-4	
Bromoform	**1.4J**	ug/L	2.7	0.80	1		10/05/18 09:08	75-25-2	
Bromomethane	**<1.8**	ug/L	6.1	1.8	1		10/05/18 09:08	74-83-9	
2-Butanone (MEK)	**<0.99**	ug/L	3.3	0.99	1		10/05/18 09:08	78-93-3	
n-Butylbenzene	**<0.24**	ug/L	0.80	0.24	1		10/05/18 09:08	104-51-8	
sec-Butylbenzene	**<0.15**	ug/L	0.50	0.15	1		10/05/18 09:08	135-98-8	
tert-Butylbenzene	**<0.15**	ug/L	0.49	0.15	1		10/05/18 09:08	98-06-6	
Carbon tetrachloride	**<0.19**	ug/L	0.63	0.19	1		10/05/18 09:08	56-23-5	
Chlorobenzene	**<0.17**	ug/L	0.57	0.17	1		10/05/18 09:08	108-90-7	
Chloroethane	**<0.49**	ug/L	1.6	0.49	1		10/05/18 09:08	75-00-3	
Chloroform	**<0.45**	ug/L	1.5	0.45	1		10/05/18 09:08	67-66-3	
Chloromethane	**<0.16**	ug/L	0.52	0.16	1		10/05/18 09:08	74-87-3	
2-Chlorotoluene	**<0.16**	ug/L	0.54	0.16	1		10/05/18 09:08	95-49-8	
4-Chlorotoluene	**<0.13**	ug/L	0.45	0.13	1		10/05/18 09:08	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.5	1.7	1		10/05/18 09:08	96-12-8	
Dibromochloromethane	**0.99**	ug/L	0.41	0.12	1		10/05/18 09:08	124-48-1	
1,2-Dibromoethane (EDB)	**<0.24**	ug/L	0.80	0.24	1		10/05/18 09:08	106-93-4	
Dibromomethane	**<0.16**	ug/L	0.54	0.16	1		10/05/18 09:08	74-95-3	
1,2-Dichlorobenzene	**<0.14**	ug/L	0.46	0.14	1		10/05/18 09:08	95-50-1	
1,3-Dichlorobenzene	**<0.16**	ug/L	0.54	0.16	1		10/05/18 09:08	541-73-1	
1,4-Dichlorobenzene	**<0.17**	ug/L	0.56	0.17	1		10/05/18 09:08	106-46-7	
Dichlorodifluoromethane	**<0.23**	ug/L	0.78	0.23	1		10/05/18 09:08	75-71-8	
1,1-Dichloroethane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 09:08	75-34-3	
1,2-Dichloroethane	**<0.22**	ug/L	0.73	0.22	1		10/05/18 09:08	107-06-2	
1,1-Dichloroethene	**<0.16**	ug/L	0.53	0.16	1		10/05/18 09:08	75-35-4	
cis-1,2-Dichloroethene	**<0.15**	ug/L	0.51	0.15	1		10/05/18 09:08	156-59-2	
trans-1,2-Dichloroethene	**<0.12**	ug/L	0.39	0.12	1		10/05/18 09:08	156-60-5	
Dichlorofluoromethane	**<0.14**	ug/L	0.47	0.14	1		10/05/18 09:08	75-43-4	N2
1,2-Dichloropropane	**<0.16**	ug/L	0.55	0.16	1		10/05/18 09:08	78-87-5	
1,3-Dichloropropane	**<0.070**	ug/L	0.23	0.070	1		10/05/18 09:08	142-28-9	
2,2-Dichloropropane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 09:08	594-20-7	
1,1-Dichloropropene	**<0.20**	ug/L	0.66	0.20	1		10/05/18 09:08	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	0.68	0.20	1		10/05/18 09:08	10061-01-5	
trans-1,3-Dichloropropene	**<0.18**	ug/L	0.61	0.18	1		10/05/18 09:08	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.095**	ug/L	0.32	0.095	1		10/05/18 09:08	60-29-7	
Ethylbenzene	**<0.14**	ug/L	0.46	0.14	1		10/05/18 09:08	100-41-4	
Hexachloro-1,3-butadiene	**<0.31**	ug/L	1.0	0.31	1		10/05/18 09:08	87-68-3	
Isopropylbenzene (Cumene)	**<0.18**	ug/L	0.62	0.18	1		10/05/18 09:08	98-82-8	
p-Isopropyltoluene	**<0.15**	ug/L	0.51	0.15	1		10/05/18 09:08	99-87-6	
Methylene Chloride	**<0.98**	ug/L	3.3	0.98	1		10/05/18 09:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.42**	ug/L	1.4	0.42	1		10/05/18 09:08	108-10-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Sample: MW-17-40 **Lab ID: 10449412005** Collected: 09/26/18 15:45 Received: 09/27/18 19:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**<0.16**	ug/L	0.54	0.16	1		10/05/18 09:08	1634-04-4	
Naphthalene	**<0.48**	ug/L	1.6	0.48	1		10/05/18 09:08	91-20-3	
n-Propylbenzene	**<0.10**	ug/L	0.34	0.10	1		10/05/18 09:08	103-65-1	
Styrene	**<0.19**	ug/L	0.62	0.19	1		10/05/18 09:08	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	0.65	0.20	1		10/05/18 09:08	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 09:08	79-34-5	
Tetrachloroethene	**<0.17**	ug/L	0.57	0.17	1		10/05/18 09:08	127-18-4	
Tetrahydrofuran	**<2.2**	ug/L	7.4	2.2	1		10/05/18 09:08	109-99-9	
Toluene	**<0.083**	ug/L	0.28	0.083	1		10/05/18 09:08	108-88-3	
1,2,3-Trichlorobenzene	**<0.21**	ug/L	0.69	0.21	1		10/05/18 09:08	87-61-6	
1,2,4-Trichlorobenzene	**<0.20**	ug/L	0.66	0.20	1		10/05/18 09:08	120-82-1	
1,1,1-Trichloroethane	**<0.14**	ug/L	0.45	0.14	1		10/05/18 09:08	71-55-6	
1,1,2-Trichloroethane	**<0.18**	ug/L	0.60	0.18	1		10/05/18 09:08	79-00-5	
Trichloroethene	**<0.15**	ug/L	0.50	0.15	1		10/05/18 09:08	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/L	0.77	0.23	1		10/05/18 09:08	75-69-4	
1,2,3-Trichloropropane	**<0.26**	ug/L	0.86	0.26	1		10/05/18 09:08	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.22**	ug/L	0.72	0.22	1		10/05/18 09:08	76-13-1	
1,2,4-Trimethylbenzene	**<0.20**	ug/L	0.65	0.20	1		10/05/18 09:08	95-63-6	
1,3,5-Trimethylbenzene	**<0.12**	ug/L	0.41	0.12	1		10/05/18 09:08	108-67-8	
Vinyl chloride	**<0.092**	ug/L	0.31	0.092	1		10/05/18 09:08	75-01-4	
Xylene (Total)	**<0.31**	ug/L	1.0	0.31	1		10/05/18 09:08	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%.	75-125		1		10/05/18 09:08	17060-07-0	
Toluene-d8 (S)	99	%.	75-125		1		10/05/18 09:08	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	75-125		1		10/05/18 09:08	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Sample: MW-17-70 **Lab ID: 10449412006** Collected: 09/26/18 16:10 Received: 09/27/18 19:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Acetone	**<9.2**	ug/L	30.8	9.2	1		10/05/18 09:25	67-64-1	
Allyl chloride	**<0.29**	ug/L	0.97	0.29	1		10/05/18 09:25	107-05-1	
Benzene	**<0.10**	ug/L	0.34	0.10	1		10/05/18 09:25	71-43-2	
Bromobenzene	**<0.21**	ug/L	0.69	0.21	1		10/05/18 09:25	108-86-1	
Bromochloromethane	**<0.27**	ug/L	0.91	0.27	1		10/05/18 09:25	74-97-5	
Bromodichloromethane	**0.47J**	ug/L	0.72	0.22	1		10/05/18 09:25	75-27-4	
Bromoform	**1.3J**	ug/L	2.7	0.80	1		10/05/18 09:25	75-25-2	
Bromomethane	**<1.8**	ug/L	6.1	1.8	1		10/05/18 09:25	74-83-9	
2-Butanone (MEK)	**<0.99**	ug/L	3.3	0.99	1		10/05/18 09:25	78-93-3	
n-Butylbenzene	**<0.24**	ug/L	0.80	0.24	1		10/05/18 09:25	104-51-8	
sec-Butylbenzene	**<0.15**	ug/L	0.50	0.15	1		10/05/18 09:25	135-98-8	
tert-Butylbenzene	**<0.15**	ug/L	0.49	0.15	1		10/05/18 09:25	98-06-6	
Carbon tetrachloride	**<0.19**	ug/L	0.63	0.19	1		10/05/18 09:25	56-23-5	
Chlorobenzene	**<0.17**	ug/L	0.57	0.17	1		10/05/18 09:25	108-90-7	
Chloroethane	**<0.49**	ug/L	1.6	0.49	1		10/05/18 09:25	75-00-3	
Chloroform	**<0.45**	ug/L	1.5	0.45	1		10/05/18 09:25	67-66-3	
Chloromethane	**<0.16**	ug/L	0.52	0.16	1		10/05/18 09:25	74-87-3	
2-Chlorotoluene	**<0.16**	ug/L	0.54	0.16	1		10/05/18 09:25	95-49-8	
4-Chlorotoluene	**<0.13**	ug/L	0.45	0.13	1		10/05/18 09:25	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.5	1.7	1		10/05/18 09:25	96-12-8	
Dibromochloromethane	**1.0**	ug/L	0.41	0.12	1		10/05/18 09:25	124-48-1	
1,2-Dibromoethane (EDB)	**<0.24**	ug/L	0.80	0.24	1		10/05/18 09:25	106-93-4	
Dibromomethane	**<0.16**	ug/L	0.54	0.16	1		10/05/18 09:25	74-95-3	
1,2-Dichlorobenzene	**<0.14**	ug/L	0.46	0.14	1		10/05/18 09:25	95-50-1	
1,3-Dichlorobenzene	**<0.16**	ug/L	0.54	0.16	1		10/05/18 09:25	541-73-1	
1,4-Dichlorobenzene	**<0.17**	ug/L	0.56	0.17	1		10/05/18 09:25	106-46-7	
Dichlorodifluoromethane	**<0.23**	ug/L	0.78	0.23	1		10/05/18 09:25	75-71-8	
1,1-Dichloroethane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 09:25	75-34-3	
1,2-Dichloroethane	**<0.22**	ug/L	0.73	0.22	1		10/05/18 09:25	107-06-2	
1,1-Dichloroethene	**<0.16**	ug/L	0.53	0.16	1		10/05/18 09:25	75-35-4	
cis-1,2-Dichloroethene	**<0.15**	ug/L	0.51	0.15	1		10/05/18 09:25	156-59-2	
trans-1,2-Dichloroethene	**<0.12**	ug/L	0.39	0.12	1		10/05/18 09:25	156-60-5	
Dichlorofluoromethane	**<0.14**	ug/L	0.47	0.14	1		10/05/18 09:25	75-43-4	N2
1,2-Dichloropropane	**<0.16**	ug/L	0.55	0.16	1		10/05/18 09:25	78-87-5	
1,3-Dichloropropane	**<0.070**	ug/L	0.23	0.070	1		10/05/18 09:25	142-28-9	
2,2-Dichloropropane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 09:25	594-20-7	
1,1-Dichloropropene	**<0.20**	ug/L	0.66	0.20	1		10/05/18 09:25	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	0.68	0.20	1		10/05/18 09:25	10061-01-5	
trans-1,3-Dichloropropene	**<0.18**	ug/L	0.61	0.18	1		10/05/18 09:25	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.095**	ug/L	0.32	0.095	1		10/05/18 09:25	60-29-7	
Ethylbenzene	**<0.14**	ug/L	0.46	0.14	1		10/05/18 09:25	100-41-4	
Hexachloro-1,3-butadiene	**<0.31**	ug/L	1.0	0.31	1		10/05/18 09:25	87-68-3	
Isopropylbenzene (Cumene)	**<0.18**	ug/L	0.62	0.18	1		10/05/18 09:25	98-82-8	
p-Isopropyltoluene	**<0.15**	ug/L	0.51	0.15	1		10/05/18 09:25	99-87-6	
Methylene Chloride	**<0.98**	ug/L	3.3	0.98	1		10/05/18 09:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.42**	ug/L	1.4	0.42	1		10/05/18 09:25	108-10-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Sample: MW-17-70 **Lab ID: 10449412006** Collected: 09/26/18 16:10 Received: 09/27/18 19:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**<0.16**	ug/L	0.54	0.16	1		10/05/18 09:25	1634-04-4	
Naphthalene	**<0.48**	ug/L	1.6	0.48	1		10/05/18 09:25	91-20-3	
n-Propylbenzene	**<0.10**	ug/L	0.34	0.10	1		10/05/18 09:25	103-65-1	
Styrene	**<0.19**	ug/L	0.62	0.19	1		10/05/18 09:25	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	0.65	0.20	1		10/05/18 09:25	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 09:25	79-34-5	
Tetrachloroethene	**<0.17**	ug/L	0.57	0.17	1		10/05/18 09:25	127-18-4	
Tetrahydrofuran	**<2.2**	ug/L	7.4	2.2	1		10/05/18 09:25	109-99-9	
Toluene	**<0.083**	ug/L	0.28	0.083	1		10/05/18 09:25	108-88-3	
1,2,3-Trichlorobenzene	**<0.21**	ug/L	0.69	0.21	1		10/05/18 09:25	87-61-6	
1,2,4-Trichlorobenzene	**<0.20**	ug/L	0.66	0.20	1		10/05/18 09:25	120-82-1	
1,1,1-Trichloroethane	**<0.14**	ug/L	0.45	0.14	1		10/05/18 09:25	71-55-6	
1,1,2-Trichloroethane	**<0.18**	ug/L	0.60	0.18	1		10/05/18 09:25	79-00-5	
Trichloroethene	**<0.15**	ug/L	0.50	0.15	1		10/05/18 09:25	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/L	0.77	0.23	1		10/05/18 09:25	75-69-4	
1,2,3-Trichloropropane	**<0.26**	ug/L	0.86	0.26	1		10/05/18 09:25	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.22**	ug/L	0.72	0.22	1		10/05/18 09:25	76-13-1	
1,2,4-Trimethylbenzene	**<0.20**	ug/L	0.65	0.20	1		10/05/18 09:25	95-63-6	
1,3,5-Trimethylbenzene	**<0.12**	ug/L	0.41	0.12	1		10/05/18 09:25	108-67-8	
Vinyl chloride	**<0.092**	ug/L	0.31	0.092	1		10/05/18 09:25	75-01-4	
Xylene (Total)	**<0.31**	ug/L	1.0	0.31	1		10/05/18 09:25	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%.	75-125		1		10/05/18 09:25	17060-07-0	
Toluene-d8 (S)	100	%.	75-125		1		10/05/18 09:25	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	75-125		1		10/05/18 09:25	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Sample: MW-6 LT **Lab ID: 10449412007** Collected: 09/26/18 16:40 Received: 09/27/18 19:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Acetone	**<9.2**	ug/L	30.8	9.2	1		10/05/18 09:43	67-64-1	
Allyl chloride	**<0.29**	ug/L	0.97	0.29	1		10/05/18 09:43	107-05-1	
Benzene	**<0.10**	ug/L	0.34	0.10	1		10/05/18 09:43	71-43-2	
Bromobenzene	**<0.21**	ug/L	0.69	0.21	1		10/05/18 09:43	108-86-1	
Bromochloromethane	**<0.27**	ug/L	0.91	0.27	1		10/05/18 09:43	74-97-5	
Bromodichloromethane	**<0.22**	ug/L	0.72	0.22	1		10/05/18 09:43	75-27-4	
Bromoform	**<0.80**	ug/L	2.7	0.80	1		10/05/18 09:43	75-25-2	
Bromomethane	**<1.8**	ug/L	6.1	1.8	1		10/05/18 09:43	74-83-9	
2-Butanone (MEK)	**<0.99**	ug/L	3.3	0.99	1		10/05/18 09:43	78-93-3	
n-Butylbenzene	**<0.24**	ug/L	0.80	0.24	1		10/05/18 09:43	104-51-8	
sec-Butylbenzene	**<0.15**	ug/L	0.50	0.15	1		10/05/18 09:43	135-98-8	
tert-Butylbenzene	**<0.15**	ug/L	0.49	0.15	1		10/05/18 09:43	98-06-6	
Carbon tetrachloride	**<0.19**	ug/L	0.63	0.19	1		10/05/18 09:43	56-23-5	
Chlorobenzene	**<0.17**	ug/L	0.57	0.17	1		10/05/18 09:43	108-90-7	
Chloroethane	**<0.49**	ug/L	1.6	0.49	1		10/05/18 09:43	75-00-3	
Chloroform	**<0.45**	ug/L	1.5	0.45	1		10/05/18 09:43	67-66-3	
Chloromethane	**<0.16**	ug/L	0.52	0.16	1		10/05/18 09:43	74-87-3	
2-Chlorotoluene	**<0.16**	ug/L	0.54	0.16	1		10/05/18 09:43	95-49-8	
4-Chlorotoluene	**<0.13**	ug/L	0.45	0.13	1		10/05/18 09:43	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.5	1.7	1		10/05/18 09:43	96-12-8	
Dibromochloromethane	**<0.12**	ug/L	0.41	0.12	1		10/05/18 09:43	124-48-1	
1,2-Dibromoethane (EDB)	**<0.24**	ug/L	0.80	0.24	1		10/05/18 09:43	106-93-4	
Dibromomethane	**<0.16**	ug/L	0.54	0.16	1		10/05/18 09:43	74-95-3	
1,2-Dichlorobenzene	**<0.14**	ug/L	0.46	0.14	1		10/05/18 09:43	95-50-1	
1,3-Dichlorobenzene	**<0.16**	ug/L	0.54	0.16	1		10/05/18 09:43	541-73-1	
1,4-Dichlorobenzene	**<0.17**	ug/L	0.56	0.17	1		10/05/18 09:43	106-46-7	
Dichlorodifluoromethane	**<0.23**	ug/L	0.78	0.23	1		10/05/18 09:43	75-71-8	
1,1-Dichloroethane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 09:43	75-34-3	
1,2-Dichloroethane	**<0.22**	ug/L	0.73	0.22	1		10/05/18 09:43	107-06-2	
1,1-Dichloroethene	**<0.16**	ug/L	0.53	0.16	1		10/05/18 09:43	75-35-4	
cis-1,2-Dichloroethene	**<0.15**	ug/L	0.51	0.15	1		10/05/18 09:43	156-59-2	
trans-1,2-Dichloroethene	**<0.12**	ug/L	0.39	0.12	1		10/05/18 09:43	156-60-5	
Dichlorofluoromethane	**<0.14**	ug/L	0.47	0.14	1		10/05/18 09:43	75-43-4	N2
1,2-Dichloropropane	**<0.16**	ug/L	0.55	0.16	1		10/05/18 09:43	78-87-5	
1,3-Dichloropropane	**<0.070**	ug/L	0.23	0.070	1		10/05/18 09:43	142-28-9	
2,2-Dichloropropane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 09:43	594-20-7	
1,1-Dichloropropene	**<0.20**	ug/L	0.66	0.20	1		10/05/18 09:43	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	0.68	0.20	1		10/05/18 09:43	10061-01-5	
trans-1,3-Dichloropropene	**<0.18**	ug/L	0.61	0.18	1		10/05/18 09:43	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.095**	ug/L	0.32	0.095	1		10/05/18 09:43	60-29-7	
Ethylbenzene	**<0.14**	ug/L	0.46	0.14	1		10/05/18 09:43	100-41-4	
Hexachloro-1,3-butadiene	**<0.31**	ug/L	1.0	0.31	1		10/05/18 09:43	87-68-3	
Isopropylbenzene (Cumene)	**<0.18**	ug/L	0.62	0.18	1		10/05/18 09:43	98-82-8	
p-Isopropyltoluene	**<0.15**	ug/L	0.51	0.15	1		10/05/18 09:43	99-87-6	
Methylene Chloride	**<0.98**	ug/L	3.3	0.98	1		10/05/18 09:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.42**	ug/L	1.4	0.42	1		10/05/18 09:43	108-10-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Sample: MW-6 LT **Lab ID: 10449412007** Collected: 09/26/18 16:40 Received: 09/27/18 19:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**<0.16**	ug/L	0.54	0.16	1		10/05/18 09:43	1634-04-4	
Naphthalene	**<0.48**	ug/L	1.6	0.48	1		10/05/18 09:43	91-20-3	
n-Propylbenzene	**<0.10**	ug/L	0.34	0.10	1		10/05/18 09:43	103-65-1	
Styrene	**<0.19**	ug/L	0.62	0.19	1		10/05/18 09:43	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	0.65	0.20	1		10/05/18 09:43	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 09:43	79-34-5	
Tetrachloroethene	**<0.17**	ug/L	0.57	0.17	1		10/05/18 09:43	127-18-4	
Tetrahydrofuran	**<2.2**	ug/L	7.4	2.2	1		10/05/18 09:43	109-99-9	
Toluene	**<0.083**	ug/L	0.28	0.083	1		10/05/18 09:43	108-88-3	
1,2,3-Trichlorobenzene	**<0.21**	ug/L	0.69	0.21	1		10/05/18 09:43	87-61-6	
1,2,4-Trichlorobenzene	**<0.20**	ug/L	0.66	0.20	1		10/05/18 09:43	120-82-1	
1,1,1-Trichloroethane	**<0.14**	ug/L	0.45	0.14	1		10/05/18 09:43	71-55-6	
1,1,2-Trichloroethane	**<0.18**	ug/L	0.60	0.18	1		10/05/18 09:43	79-00-5	
Trichloroethene	**<0.15**	ug/L	0.50	0.15	1		10/05/18 09:43	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/L	0.77	0.23	1		10/05/18 09:43	75-69-4	
1,2,3-Trichloropropane	**<0.26**	ug/L	0.86	0.26	1		10/05/18 09:43	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.22**	ug/L	0.72	0.22	1		10/05/18 09:43	76-13-1	
1,2,4-Trimethylbenzene	**<0.20**	ug/L	0.65	0.20	1		10/05/18 09:43	95-63-6	
1,3,5-Trimethylbenzene	**<0.12**	ug/L	0.41	0.12	1		10/05/18 09:43	108-67-8	
Vinyl chloride	**<0.092**	ug/L	0.31	0.092	1		10/05/18 09:43	75-01-4	
Xylene (Total)	**<0.31**	ug/L	1.0	0.31	1		10/05/18 09:43	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%.	75-125		1		10/05/18 09:43	17060-07-0	
Toluene-d8 (S)	99	%.	75-125		1		10/05/18 09:43	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	75-125		1		10/05/18 09:43	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Sample: MW-6-30 LT **Lab ID: 10449412008** Collected: 09/26/18 16:50 Received: 09/27/18 19:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Acetone	**<9.2**	ug/L	30.8	9.2	1		10/05/18 17:25	67-64-1	
Allyl chloride	**<0.29**	ug/L	0.97	0.29	1		10/05/18 17:25	107-05-1	
Benzene	**<0.10**	ug/L	0.34	0.10	1		10/05/18 17:25	71-43-2	
Bromobenzene	**<0.21**	ug/L	0.69	0.21	1		10/05/18 17:25	108-86-1	
Bromochloromethane	**<0.27**	ug/L	0.91	0.27	1		10/05/18 17:25	74-97-5	
Bromodichloromethane	**<0.22**	ug/L	0.72	0.22	1		10/05/18 17:25	75-27-4	
Bromoform	**<0.80**	ug/L	2.7	0.80	1		10/05/18 17:25	75-25-2	
Bromomethane	**<1.8**	ug/L	6.1	1.8	1		10/05/18 17:25	74-83-9	
2-Butanone (MEK)	**<0.99**	ug/L	3.3	0.99	1		10/05/18 17:25	78-93-3	
n-Butylbenzene	**<0.24**	ug/L	0.80	0.24	1		10/05/18 17:25	104-51-8	
sec-Butylbenzene	**0.84**	ug/L	0.50	0.15	1		10/05/18 17:25	135-98-8	
tert-Butylbenzene	**<0.15**	ug/L	0.49	0.15	1		10/05/18 17:25	98-06-6	
Carbon tetrachloride	**<0.19**	ug/L	0.63	0.19	1		10/05/18 17:25	56-23-5	
Chlorobenzene	**<0.17**	ug/L	0.57	0.17	1		10/05/18 17:25	108-90-7	
Chloroethane	**<0.49**	ug/L	1.6	0.49	1		10/05/18 17:25	75-00-3	
Chloroform	**<0.45**	ug/L	1.5	0.45	1		10/05/18 17:25	67-66-3	
Chloromethane	**<0.16**	ug/L	0.52	0.16	1		10/05/18 17:25	74-87-3	
2-Chlorotoluene	**<0.16**	ug/L	0.54	0.16	1		10/05/18 17:25	95-49-8	
4-Chlorotoluene	**<0.13**	ug/L	0.45	0.13	1		10/05/18 17:25	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.5	1.7	1		10/05/18 17:25	96-12-8	
Dibromochloromethane	**<0.12**	ug/L	0.41	0.12	1		10/05/18 17:25	124-48-1	
1,2-Dibromoethane (EDB)	**<0.24**	ug/L	0.80	0.24	1		10/05/18 17:25	106-93-4	
Dibromomethane	**<0.16**	ug/L	0.54	0.16	1		10/05/18 17:25	74-95-3	
1,2-Dichlorobenzene	**<0.14**	ug/L	0.46	0.14	1		10/05/18 17:25	95-50-1	
1,3-Dichlorobenzene	**<0.16**	ug/L	0.54	0.16	1		10/05/18 17:25	541-73-1	
1,4-Dichlorobenzene	**<0.17**	ug/L	0.56	0.17	1		10/05/18 17:25	106-46-7	
Dichlorodifluoromethane	**<0.23**	ug/L	0.78	0.23	1		10/05/18 17:25	75-71-8	
1,1-Dichloroethane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 17:25	75-34-3	
1,2-Dichloroethane	**<0.22**	ug/L	0.73	0.22	1		10/05/18 17:25	107-06-2	
1,1-Dichloroethene	**<0.16**	ug/L	0.53	0.16	1		10/05/18 17:25	75-35-4	
cis-1,2-Dichloroethene	**0.30J**	ug/L	0.51	0.15	1		10/05/18 17:25	156-59-2	
trans-1,2-Dichloroethene	**<0.12**	ug/L	0.39	0.12	1		10/05/18 17:25	156-60-5	
Dichlorofluoromethane	**<0.14**	ug/L	0.47	0.14	1		10/05/18 17:25	75-43-4	N2
1,2-Dichloropropane	**<0.16**	ug/L	0.55	0.16	1		10/05/18 17:25	78-87-5	
1,3-Dichloropropane	**<0.070**	ug/L	0.23	0.070	1		10/05/18 17:25	142-28-9	
2,2-Dichloropropane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 17:25	594-20-7	
1,1-Dichloropropene	**<0.20**	ug/L	0.66	0.20	1		10/05/18 17:25	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	0.68	0.20	1		10/05/18 17:25	10061-01-5	
trans-1,3-Dichloropropene	**<0.18**	ug/L	0.61	0.18	1		10/05/18 17:25	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.095**	ug/L	0.32	0.095	1		10/05/18 17:25	60-29-7	
Ethylbenzene	**<0.14**	ug/L	0.46	0.14	1		10/05/18 17:25	100-41-4	
Hexachloro-1,3-butadiene	**<0.31**	ug/L	1.0	0.31	1		10/05/18 17:25	87-68-3	
Isopropylbenzene (Cumene)	**<0.18**	ug/L	0.62	0.18	1		10/05/18 17:25	98-82-8	
p-Isopropyltoluene	**<0.15**	ug/L	0.51	0.15	1		10/05/18 17:25	99-87-6	
Methylene Chloride	**<0.98**	ug/L	3.3	0.98	1		10/05/18 17:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.42**	ug/L	1.4	0.42	1		10/05/18 17:25	108-10-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Sample: MW-6-30 LT **Lab ID: 10449412008** Collected: 09/26/18 16:50 Received: 09/27/18 19:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**<0.16**	ug/L	0.54	0.16	1		10/05/18 17:25	1634-04-4	
Naphthalene	**<0.48**	ug/L	1.6	0.48	1		10/05/18 17:25	91-20-3	
n-Propylbenzene	**<0.10**	ug/L	0.34	0.10	1		10/05/18 17:25	103-65-1	
Styrene	**<0.19**	ug/L	0.62	0.19	1		10/05/18 17:25	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	0.65	0.20	1		10/05/18 17:25	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 17:25	79-34-5	
Tetrachloroethene	**0.88**	ug/L	0.57	0.17	1		10/05/18 17:25	127-18-4	
Tetrahydrofuran	**<2.2**	ug/L	7.4	2.2	1		10/05/18 17:25	109-99-9	
Toluene	**<0.083**	ug/L	0.28	0.083	1		10/05/18 17:25	108-88-3	
1,2,3-Trichlorobenzene	**<0.21**	ug/L	0.69	0.21	1		10/05/18 17:25	87-61-6	
1,2,4-Trichlorobenzene	**<0.20**	ug/L	0.66	0.20	1		10/05/18 17:25	120-82-1	
1,1,1-Trichloroethane	**<0.14**	ug/L	0.45	0.14	1		10/05/18 17:25	71-55-6	
1,1,2-Trichloroethane	**<0.18**	ug/L	0.60	0.18	1		10/05/18 17:25	79-00-5	
Trichloroethene	**<0.15**	ug/L	0.50	0.15	1		10/05/18 17:25	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/L	0.77	0.23	1		10/05/18 17:25	75-69-4	
1,2,3-Trichloropropane	**<0.26**	ug/L	0.86	0.26	1		10/05/18 17:25	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.22**	ug/L	0.72	0.22	1		10/05/18 17:25	76-13-1	
1,2,4-Trimethylbenzene	**<0.20**	ug/L	0.65	0.20	1		10/05/18 17:25	95-63-6	
1,3,5-Trimethylbenzene	**<0.12**	ug/L	0.41	0.12	1		10/05/18 17:25	108-67-8	
Vinyl chloride	**<0.092**	ug/L	0.31	0.092	1		10/05/18 17:25	75-01-4	
Xylene (Total)	**<0.31**	ug/L	1.0	0.31	1		10/05/18 17:25	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%.	75-125		1		10/05/18 17:25	17060-07-0	
Toluene-d8 (S)	100	%.	75-125		1		10/05/18 17:25	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	75-125		1		10/05/18 17:25	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Sample: MW-6-50 LT **Lab ID: 10449412009** Collected: 09/26/18 17:05 Received: 09/27/18 19:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Acetone	**<9.2**	ug/L	30.8	9.2	1		10/05/18 17:42	67-64-1	
Allyl chloride	**<0.29**	ug/L	0.97	0.29	1		10/05/18 17:42	107-05-1	
Benzene	**<0.10**	ug/L	0.34	0.10	1		10/05/18 17:42	71-43-2	
Bromobenzene	**<0.21**	ug/L	0.69	0.21	1		10/05/18 17:42	108-86-1	
Bromochloromethane	**<0.27**	ug/L	0.91	0.27	1		10/05/18 17:42	74-97-5	
Bromodichloromethane	**<0.22**	ug/L	0.72	0.22	1		10/05/18 17:42	75-27-4	
Bromoform	**<0.80**	ug/L	2.7	0.80	1		10/05/18 17:42	75-25-2	
Bromomethane	**<1.8**	ug/L	6.1	1.8	1		10/05/18 17:42	74-83-9	
2-Butanone (MEK)	**<0.99**	ug/L	3.3	0.99	1		10/05/18 17:42	78-93-3	
n-Butylbenzene	**<0.24**	ug/L	0.80	0.24	1		10/05/18 17:42	104-51-8	
sec-Butylbenzene	**<0.15**	ug/L	0.50	0.15	1		10/05/18 17:42	135-98-8	
tert-Butylbenzene	**<0.15**	ug/L	0.49	0.15	1		10/05/18 17:42	98-06-6	
Carbon tetrachloride	**<0.19**	ug/L	0.63	0.19	1		10/05/18 17:42	56-23-5	
Chlorobenzene	**<0.17**	ug/L	0.57	0.17	1		10/05/18 17:42	108-90-7	
Chloroethane	**<0.49**	ug/L	1.6	0.49	1		10/05/18 17:42	75-00-3	
Chloroform	**<0.45**	ug/L	1.5	0.45	1		10/05/18 17:42	67-66-3	
Chloromethane	**<0.16**	ug/L	0.52	0.16	1		10/05/18 17:42	74-87-3	
2-Chlorotoluene	**<0.16**	ug/L	0.54	0.16	1		10/05/18 17:42	95-49-8	
4-Chlorotoluene	**<0.13**	ug/L	0.45	0.13	1		10/05/18 17:42	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.5	1.7	1		10/05/18 17:42	96-12-8	
Dibromochloromethane	**<0.12**	ug/L	0.41	0.12	1		10/05/18 17:42	124-48-1	
1,2-Dibromoethane (EDB)	**<0.24**	ug/L	0.80	0.24	1		10/05/18 17:42	106-93-4	
Dibromomethane	**<0.16**	ug/L	0.54	0.16	1		10/05/18 17:42	74-95-3	
1,2-Dichlorobenzene	**<0.14**	ug/L	0.46	0.14	1		10/05/18 17:42	95-50-1	
1,3-Dichlorobenzene	**<0.16**	ug/L	0.54	0.16	1		10/05/18 17:42	541-73-1	
1,4-Dichlorobenzene	**<0.17**	ug/L	0.56	0.17	1		10/05/18 17:42	106-46-7	
Dichlorodifluoromethane	**<0.23**	ug/L	0.78	0.23	1		10/05/18 17:42	75-71-8	
1,1-Dichloroethane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 17:42	75-34-3	
1,2-Dichloroethane	**<0.22**	ug/L	0.73	0.22	1		10/05/18 17:42	107-06-2	
1,1-Dichloroethene	**<0.16**	ug/L	0.53	0.16	1		10/05/18 17:42	75-35-4	
cis-1,2-Dichloroethene	**<0.15**	ug/L	0.51	0.15	1		10/05/18 17:42	156-59-2	
trans-1,2-Dichloroethene	**<0.12**	ug/L	0.39	0.12	1		10/05/18 17:42	156-60-5	
Dichlorofluoromethane	**<0.14**	ug/L	0.47	0.14	1		10/05/18 17:42	75-43-4	N2
1,2-Dichloropropane	**<0.16**	ug/L	0.55	0.16	1		10/05/18 17:42	78-87-5	
1,3-Dichloropropane	**<0.070**	ug/L	0.23	0.070	1		10/05/18 17:42	142-28-9	
2,2-Dichloropropane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 17:42	594-20-7	
1,1-Dichloropropene	**<0.20**	ug/L	0.66	0.20	1		10/05/18 17:42	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	0.68	0.20	1		10/05/18 17:42	10061-01-5	
trans-1,3-Dichloropropene	**<0.18**	ug/L	0.61	0.18	1		10/05/18 17:42	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.095**	ug/L	0.32	0.095	1		10/05/18 17:42	60-29-7	
Ethylbenzene	**<0.14**	ug/L	0.46	0.14	1		10/05/18 17:42	100-41-4	
Hexachloro-1,3-butadiene	**<0.31**	ug/L	1.0	0.31	1		10/05/18 17:42	87-68-3	
Isopropylbenzene (Cumene)	**<0.18**	ug/L	0.62	0.18	1		10/05/18 17:42	98-82-8	
p-Isopropyltoluene	**<0.15**	ug/L	0.51	0.15	1		10/05/18 17:42	99-87-6	
Methylene Chloride	**<0.98**	ug/L	3.3	0.98	1		10/05/18 17:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.42**	ug/L	1.4	0.42	1		10/05/18 17:42	108-10-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Sample: MW-6-50 LT **Lab ID: 10449412009** Collected: 09/26/18 17:05 Received: 09/27/18 19:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**<0.16**	ug/L	0.54	0.16	1		10/05/18 17:42	1634-04-4	
Naphthalene	**<0.48**	ug/L	1.6	0.48	1		10/05/18 17:42	91-20-3	
n-Propylbenzene	**<0.10**	ug/L	0.34	0.10	1		10/05/18 17:42	103-65-1	
Styrene	**<0.19**	ug/L	0.62	0.19	1		10/05/18 17:42	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	0.65	0.20	1		10/05/18 17:42	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 17:42	79-34-5	
Tetrachloroethene	**0.95**	ug/L	0.57	0.17	1		10/05/18 17:42	127-18-4	
Tetrahydrofuran	**<2.2**	ug/L	7.4	2.2	1		10/05/18 17:42	109-99-9	
Toluene	**<0.083**	ug/L	0.28	0.083	1		10/05/18 17:42	108-88-3	
1,2,3-Trichlorobenzene	**<0.21**	ug/L	0.69	0.21	1		10/05/18 17:42	87-61-6	
1,2,4-Trichlorobenzene	**<0.20**	ug/L	0.66	0.20	1		10/05/18 17:42	120-82-1	
1,1,1-Trichloroethane	**<0.14**	ug/L	0.45	0.14	1		10/05/18 17:42	71-55-6	
1,1,2-Trichloroethane	**<0.18**	ug/L	0.60	0.18	1		10/05/18 17:42	79-00-5	
Trichloroethene	**<0.15**	ug/L	0.50	0.15	1		10/05/18 17:42	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/L	0.77	0.23	1		10/05/18 17:42	75-69-4	
1,2,3-Trichloropropane	**<0.26**	ug/L	0.86	0.26	1		10/05/18 17:42	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.22**	ug/L	0.72	0.22	1		10/05/18 17:42	76-13-1	
1,2,4-Trimethylbenzene	**<0.20**	ug/L	0.65	0.20	1		10/05/18 17:42	95-63-6	
1,3,5-Trimethylbenzene	**<0.12**	ug/L	0.41	0.12	1		10/05/18 17:42	108-67-8	
Vinyl chloride	**<0.092**	ug/L	0.31	0.092	1		10/05/18 17:42	75-01-4	
Xylene (Total)	**<0.31**	ug/L	1.0	0.31	1		10/05/18 17:42	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%.	75-125		1		10/05/18 17:42	17060-07-0	
Toluene-d8 (S)	99	%.	75-125		1		10/05/18 17:42	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	75-125		1		10/05/18 17:42	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Sample: MW-7 LT **Lab ID: 10449412010** Collected: 09/26/18 13:20 Received: 09/27/18 19:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Acetone	**<9.2**	ug/L	30.8	9.2	1		10/05/18 18:00	67-64-1	
Allyl chloride	**<0.29**	ug/L	0.97	0.29	1		10/05/18 18:00	107-05-1	
Benzene	**<0.10**	ug/L	0.34	0.10	1		10/05/18 18:00	71-43-2	
Bromobenzene	**<0.21**	ug/L	0.69	0.21	1		10/05/18 18:00	108-86-1	
Bromochloromethane	**<0.27**	ug/L	0.91	0.27	1		10/05/18 18:00	74-97-5	
Bromodichloromethane	**<0.22**	ug/L	0.72	0.22	1		10/05/18 18:00	75-27-4	
Bromoform	**<0.80**	ug/L	2.7	0.80	1		10/05/18 18:00	75-25-2	
Bromomethane	**<1.8**	ug/L	6.1	1.8	1		10/05/18 18:00	74-83-9	
2-Butanone (MEK)	**<0.99**	ug/L	3.3	0.99	1		10/05/18 18:00	78-93-3	
n-Butylbenzene	**<0.24**	ug/L	0.80	0.24	1		10/05/18 18:00	104-51-8	
sec-Butylbenzene	**<0.15**	ug/L	0.50	0.15	1		10/05/18 18:00	135-98-8	
tert-Butylbenzene	**<0.15**	ug/L	0.49	0.15	1		10/05/18 18:00	98-06-6	
Carbon tetrachloride	**<0.19**	ug/L	0.63	0.19	1		10/05/18 18:00	56-23-5	
Chlorobenzene	**<0.17**	ug/L	0.57	0.17	1		10/05/18 18:00	108-90-7	
Chloroethane	**<0.49**	ug/L	1.6	0.49	1		10/05/18 18:00	75-00-3	
Chloroform	**<0.45**	ug/L	1.5	0.45	1		10/05/18 18:00	67-66-3	
Chloromethane	**<0.16**	ug/L	0.52	0.16	1		10/05/18 18:00	74-87-3	
2-Chlorotoluene	**<0.16**	ug/L	0.54	0.16	1		10/05/18 18:00	95-49-8	
4-Chlorotoluene	**<0.13**	ug/L	0.45	0.13	1		10/05/18 18:00	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.5	1.7	1		10/05/18 18:00	96-12-8	
Dibromochloromethane	**<0.12**	ug/L	0.41	0.12	1		10/05/18 18:00	124-48-1	
1,2-Dibromoethane (EDB)	**<0.24**	ug/L	0.80	0.24	1		10/05/18 18:00	106-93-4	
Dibromomethane	**<0.16**	ug/L	0.54	0.16	1		10/05/18 18:00	74-95-3	
1,2-Dichlorobenzene	**<0.14**	ug/L	0.46	0.14	1		10/05/18 18:00	95-50-1	
1,3-Dichlorobenzene	**<0.16**	ug/L	0.54	0.16	1		10/05/18 18:00	541-73-1	
1,4-Dichlorobenzene	**<0.17**	ug/L	0.56	0.17	1		10/05/18 18:00	106-46-7	
Dichlorodifluoromethane	**<0.23**	ug/L	0.78	0.23	1		10/05/18 18:00	75-71-8	
1,1-Dichloroethane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 18:00	75-34-3	
1,2-Dichloroethane	**<0.22**	ug/L	0.73	0.22	1		10/05/18 18:00	107-06-2	
1,1-Dichloroethene	**<0.16**	ug/L	0.53	0.16	1		10/05/18 18:00	75-35-4	
cis-1,2-Dichloroethene	**<0.15**	ug/L	0.51	0.15	1		10/05/18 18:00	156-59-2	
trans-1,2-Dichloroethene	**<0.12**	ug/L	0.39	0.12	1		10/05/18 18:00	156-60-5	
Dichlorofluoromethane	**<0.14**	ug/L	0.47	0.14	1		10/05/18 18:00	75-43-4	N2
1,2-Dichloropropane	**<0.16**	ug/L	0.55	0.16	1		10/05/18 18:00	78-87-5	
1,3-Dichloropropane	**<0.070**	ug/L	0.23	0.070	1		10/05/18 18:00	142-28-9	
2,2-Dichloropropane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 18:00	594-20-7	
1,1-Dichloropropene	**<0.20**	ug/L	0.66	0.20	1		10/05/18 18:00	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	0.68	0.20	1		10/05/18 18:00	10061-01-5	
trans-1,3-Dichloropropene	**<0.18**	ug/L	0.61	0.18	1		10/05/18 18:00	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.095**	ug/L	0.32	0.095	1		10/05/18 18:00	60-29-7	
Ethylbenzene	**<0.14**	ug/L	0.46	0.14	1		10/05/18 18:00	100-41-4	
Hexachloro-1,3-butadiene	**<0.31**	ug/L	1.0	0.31	1		10/05/18 18:00	87-68-3	
Isopropylbenzene (Cumene)	**<0.18**	ug/L	0.62	0.18	1		10/05/18 18:00	98-82-8	
p-Isopropyltoluene	**<0.15**	ug/L	0.51	0.15	1		10/05/18 18:00	99-87-6	
Methylene Chloride	**<0.98**	ug/L	3.3	0.98	1		10/05/18 18:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.42**	ug/L	1.4	0.42	1		10/05/18 18:00	108-10-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Sample: MW-7 LT **Lab ID: 10449412010** Collected: 09/26/18 13:20 Received: 09/27/18 19:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**<0.16**	ug/L	0.54	0.16	1		10/05/18 18:00	1634-04-4	
Naphthalene	**<0.48**	ug/L	1.6	0.48	1		10/05/18 18:00	91-20-3	
n-Propylbenzene	**<0.10**	ug/L	0.34	0.10	1		10/05/18 18:00	103-65-1	
Styrene	**<0.19**	ug/L	0.62	0.19	1		10/05/18 18:00	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	0.65	0.20	1		10/05/18 18:00	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 18:00	79-34-5	
Tetrachloroethene	**<0.17**	ug/L	0.57	0.17	1		10/05/18 18:00	127-18-4	
Tetrahydrofuran	**<2.2**	ug/L	7.4	2.2	1		10/05/18 18:00	109-99-9	
Toluene	**<0.083**	ug/L	0.28	0.083	1		10/05/18 18:00	108-88-3	
1,2,3-Trichlorobenzene	**<0.21**	ug/L	0.69	0.21	1		10/05/18 18:00	87-61-6	
1,2,4-Trichlorobenzene	**<0.20**	ug/L	0.66	0.20	1		10/05/18 18:00	120-82-1	
1,1,1-Trichloroethane	**<0.14**	ug/L	0.45	0.14	1		10/05/18 18:00	71-55-6	
1,1,2-Trichloroethane	**<0.18**	ug/L	0.60	0.18	1		10/05/18 18:00	79-00-5	
Trichloroethene	**<0.15**	ug/L	0.50	0.15	1		10/05/18 18:00	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/L	0.77	0.23	1		10/05/18 18:00	75-69-4	
1,2,3-Trichloropropane	**<0.26**	ug/L	0.86	0.26	1		10/05/18 18:00	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.22**	ug/L	0.72	0.22	1		10/05/18 18:00	76-13-1	
1,2,4-Trimethylbenzene	**<0.20**	ug/L	0.65	0.20	1		10/05/18 18:00	95-63-6	
1,3,5-Trimethylbenzene	**<0.12**	ug/L	0.41	0.12	1		10/05/18 18:00	108-67-8	
Vinyl chloride	**<0.092**	ug/L	0.31	0.092	1		10/05/18 18:00	75-01-4	
Xylene (Total)	**<0.31**	ug/L	1.0	0.31	1		10/05/18 18:00	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%.	75-125		1		10/05/18 18:00	17060-07-0	
Toluene-d8 (S)	101	%.	75-125		1		10/05/18 18:00	2037-26-5	
4-Bromofluorobenzene (S)	104	%.	75-125		1		10/05/18 18:00	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Sample: MW-7-30 LT **Lab ID: 10449412011** Collected: 09/26/18 13:35 Received: 09/27/18 19:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Acetone	**9.7J**	ug/L	30.8	9.2	1		10/05/18 18:17	67-64-1	
Allyl chloride	**<0.29**	ug/L	0.97	0.29	1		10/05/18 18:17	107-05-1	
Benzene	**<0.10**	ug/L	0.34	0.10	1		10/05/18 18:17	71-43-2	
Bromobenzene	**<0.21**	ug/L	0.69	0.21	1		10/05/18 18:17	108-86-1	
Bromochloromethane	**<0.27**	ug/L	0.91	0.27	1		10/05/18 18:17	74-97-5	
Bromodichloromethane	**<0.22**	ug/L	0.72	0.22	1		10/05/18 18:17	75-27-4	
Bromoform	**<0.80**	ug/L	2.7	0.80	1		10/05/18 18:17	75-25-2	
Bromomethane	**<1.8**	ug/L	6.1	1.8	1		10/05/18 18:17	74-83-9	
2-Butanone (MEK)	**1.4J**	ug/L	3.3	0.99	1		10/05/18 18:17	78-93-3	
n-Butylbenzene	**<0.24**	ug/L	0.80	0.24	1		10/05/18 18:17	104-51-8	
sec-Butylbenzene	**<0.15**	ug/L	0.50	0.15	1		10/05/18 18:17	135-98-8	
tert-Butylbenzene	**<0.15**	ug/L	0.49	0.15	1		10/05/18 18:17	98-06-6	
Carbon tetrachloride	**<0.19**	ug/L	0.63	0.19	1		10/05/18 18:17	56-23-5	
Chlorobenzene	**<0.17**	ug/L	0.57	0.17	1		10/05/18 18:17	108-90-7	
Chloroethane	**<0.49**	ug/L	1.6	0.49	1		10/05/18 18:17	75-00-3	
Chloroform	**<0.45**	ug/L	1.5	0.45	1		10/05/18 18:17	67-66-3	
Chloromethane	**<0.16**	ug/L	0.52	0.16	1		10/05/18 18:17	74-87-3	
2-Chlorotoluene	**<0.16**	ug/L	0.54	0.16	1		10/05/18 18:17	95-49-8	
4-Chlorotoluene	**<0.13**	ug/L	0.45	0.13	1		10/05/18 18:17	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.5	1.7	1		10/05/18 18:17	96-12-8	
Dibromochloromethane	**<0.12**	ug/L	0.41	0.12	1		10/05/18 18:17	124-48-1	
1,2-Dibromoethane (EDB)	**<0.24**	ug/L	0.80	0.24	1		10/05/18 18:17	106-93-4	
Dibromomethane	**<0.16**	ug/L	0.54	0.16	1		10/05/18 18:17	74-95-3	
1,2-Dichlorobenzene	**<0.14**	ug/L	0.46	0.14	1		10/05/18 18:17	95-50-1	
1,3-Dichlorobenzene	**<0.16**	ug/L	0.54	0.16	1		10/05/18 18:17	541-73-1	
1,4-Dichlorobenzene	**<0.17**	ug/L	0.56	0.17	1		10/05/18 18:17	106-46-7	
Dichlorodifluoromethane	**<0.23**	ug/L	0.78	0.23	1		10/05/18 18:17	75-71-8	
1,1-Dichloroethane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 18:17	75-34-3	
1,2-Dichloroethane	**<0.22**	ug/L	0.73	0.22	1		10/05/18 18:17	107-06-2	
1,1-Dichloroethene	**<0.16**	ug/L	0.53	0.16	1		10/05/18 18:17	75-35-4	
cis-1,2-Dichloroethene	**<0.15**	ug/L	0.51	0.15	1		10/05/18 18:17	156-59-2	
trans-1,2-Dichloroethene	**<0.12**	ug/L	0.39	0.12	1		10/05/18 18:17	156-60-5	
Dichlorofluoromethane	**<0.14**	ug/L	0.47	0.14	1		10/05/18 18:17	75-43-4	N2
1,2-Dichloropropane	**<0.16**	ug/L	0.55	0.16	1		10/05/18 18:17	78-87-5	
1,3-Dichloropropane	**<0.070**	ug/L	0.23	0.070	1		10/05/18 18:17	142-28-9	
2,2-Dichloropropane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 18:17	594-20-7	
1,1-Dichloropropene	**<0.20**	ug/L	0.66	0.20	1		10/05/18 18:17	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	0.68	0.20	1		10/05/18 18:17	10061-01-5	
trans-1,3-Dichloropropene	**<0.18**	ug/L	0.61	0.18	1		10/05/18 18:17	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.095**	ug/L	0.32	0.095	1		10/05/18 18:17	60-29-7	
Ethylbenzene	**<0.14**	ug/L	0.46	0.14	1		10/05/18 18:17	100-41-4	
Hexachloro-1,3-butadiene	**<0.31**	ug/L	1.0	0.31	1		10/05/18 18:17	87-68-3	
Isopropylbenzene (Cumene)	**<0.18**	ug/L	0.62	0.18	1		10/05/18 18:17	98-82-8	
p-Isopropyltoluene	**<0.15**	ug/L	0.51	0.15	1		10/05/18 18:17	99-87-6	
Methylene Chloride	**<0.98**	ug/L	3.3	0.98	1		10/05/18 18:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.42**	ug/L	1.4	0.42	1		10/05/18 18:17	108-10-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Sample: MW-7-30 LT **Lab ID: 10449412011** Collected: 09/26/18 13:35 Received: 09/27/18 19:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**0.30J**	ug/L	0.54	0.16	1		10/05/18 18:17	1634-04-4	
Naphthalene	**<0.48**	ug/L	1.6	0.48	1		10/05/18 18:17	91-20-3	
n-Propylbenzene	**<0.10**	ug/L	0.34	0.10	1		10/05/18 18:17	103-65-1	
Styrene	**<0.19**	ug/L	0.62	0.19	1		10/05/18 18:17	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	0.65	0.20	1		10/05/18 18:17	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 18:17	79-34-5	
Tetrachloroethene	**<0.17**	ug/L	0.57	0.17	1		10/05/18 18:17	127-18-4	
Tetrahydrofuran	**<2.2**	ug/L	7.4	2.2	1		10/05/18 18:17	109-99-9	
Toluene	**<0.083**	ug/L	0.28	0.083	1		10/05/18 18:17	108-88-3	
1,2,3-Trichlorobenzene	**<0.21**	ug/L	0.69	0.21	1		10/05/18 18:17	87-61-6	
1,2,4-Trichlorobenzene	**<0.20**	ug/L	0.66	0.20	1		10/05/18 18:17	120-82-1	
1,1,1-Trichloroethane	**<0.14**	ug/L	0.45	0.14	1		10/05/18 18:17	71-55-6	
1,1,2-Trichloroethane	**<0.18**	ug/L	0.60	0.18	1		10/05/18 18:17	79-00-5	
Trichloroethene	**<0.15**	ug/L	0.50	0.15	1		10/05/18 18:17	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/L	0.77	0.23	1		10/05/18 18:17	75-69-4	
1,2,3-Trichloropropane	**<0.26**	ug/L	0.86	0.26	1		10/05/18 18:17	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.22**	ug/L	0.72	0.22	1		10/05/18 18:17	76-13-1	
1,2,4-Trimethylbenzene	**<0.20**	ug/L	0.65	0.20	1		10/05/18 18:17	95-63-6	
1,3,5-Trimethylbenzene	**<0.12**	ug/L	0.41	0.12	1		10/05/18 18:17	108-67-8	
Vinyl chloride	**<0.092**	ug/L	0.31	0.092	1		10/05/18 18:17	75-01-4	
Xylene (Total)	**<0.31**	ug/L	1.0	0.31	1		10/05/18 18:17	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%.	75-125		1		10/05/18 18:17	17060-07-0	
Toluene-d8 (S)	99	%.	75-125		1		10/05/18 18:17	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	75-125		1		10/05/18 18:17	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Sample: MW-7-50 LT **Lab ID: 10449412012** Collected: 09/26/18 13:45 Received: 09/27/18 19:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Acetone	**<9.2**	ug/L	30.8	9.2	1		10/05/18 18:35	67-64-1	
Allyl chloride	**<0.29**	ug/L	0.97	0.29	1		10/05/18 18:35	107-05-1	
Benzene	**<0.10**	ug/L	0.34	0.10	1		10/05/18 18:35	71-43-2	
Bromobenzene	**<0.21**	ug/L	0.69	0.21	1		10/05/18 18:35	108-86-1	
Bromochloromethane	**<0.27**	ug/L	0.91	0.27	1		10/05/18 18:35	74-97-5	
Bromodichloromethane	**<0.22**	ug/L	0.72	0.22	1		10/05/18 18:35	75-27-4	
Bromoform	**<0.80**	ug/L	2.7	0.80	1		10/05/18 18:35	75-25-2	
Bromomethane	**<1.8**	ug/L	6.1	1.8	1		10/05/18 18:35	74-83-9	
2-Butanone (MEK)	**<0.99**	ug/L	3.3	0.99	1		10/05/18 18:35	78-93-3	
n-Butylbenzene	**<0.24**	ug/L	0.80	0.24	1		10/05/18 18:35	104-51-8	
sec-Butylbenzene	**<0.15**	ug/L	0.50	0.15	1		10/05/18 18:35	135-98-8	
tert-Butylbenzene	**<0.15**	ug/L	0.49	0.15	1		10/05/18 18:35	98-06-6	
Carbon tetrachloride	**<0.19**	ug/L	0.63	0.19	1		10/05/18 18:35	56-23-5	
Chlorobenzene	**<0.17**	ug/L	0.57	0.17	1		10/05/18 18:35	108-90-7	
Chloroethane	**<0.49**	ug/L	1.6	0.49	1		10/05/18 18:35	75-00-3	
Chloroform	**<0.45**	ug/L	1.5	0.45	1		10/05/18 18:35	67-66-3	
Chloromethane	**<0.16**	ug/L	0.52	0.16	1		10/05/18 18:35	74-87-3	
2-Chlorotoluene	**<0.16**	ug/L	0.54	0.16	1		10/05/18 18:35	95-49-8	
4-Chlorotoluene	**<0.13**	ug/L	0.45	0.13	1		10/05/18 18:35	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.5	1.7	1		10/05/18 18:35	96-12-8	
Dibromochloromethane	**<0.12**	ug/L	0.41	0.12	1		10/05/18 18:35	124-48-1	
1,2-Dibromoethane (EDB)	**<0.24**	ug/L	0.80	0.24	1		10/05/18 18:35	106-93-4	
Dibromomethane	**<0.16**	ug/L	0.54	0.16	1		10/05/18 18:35	74-95-3	
1,2-Dichlorobenzene	**<0.14**	ug/L	0.46	0.14	1		10/05/18 18:35	95-50-1	
1,3-Dichlorobenzene	**<0.16**	ug/L	0.54	0.16	1		10/05/18 18:35	541-73-1	
1,4-Dichlorobenzene	**<0.17**	ug/L	0.56	0.17	1		10/05/18 18:35	106-46-7	
Dichlorodifluoromethane	**<0.23**	ug/L	0.78	0.23	1		10/05/18 18:35	75-71-8	
1,1-Dichloroethane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 18:35	75-34-3	
1,2-Dichloroethane	**0.67J**	ug/L	0.73	0.22	1		10/05/18 18:35	107-06-2	
1,1-Dichloroethene	**<0.16**	ug/L	0.53	0.16	1		10/05/18 18:35	75-35-4	
cis-1,2-Dichloroethene	**<0.15**	ug/L	0.51	0.15	1		10/05/18 18:35	156-59-2	
trans-1,2-Dichloroethene	**<0.12**	ug/L	0.39	0.12	1		10/05/18 18:35	156-60-5	
Dichlorofluoromethane	**<0.14**	ug/L	0.47	0.14	1		10/05/18 18:35	75-43-4	N2
1,2-Dichloropropane	**<0.16**	ug/L	0.55	0.16	1		10/05/18 18:35	78-87-5	
1,3-Dichloropropane	**<0.070**	ug/L	0.23	0.070	1		10/05/18 18:35	142-28-9	
2,2-Dichloropropane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 18:35	594-20-7	
1,1-Dichloropropene	**<0.20**	ug/L	0.66	0.20	1		10/05/18 18:35	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	0.68	0.20	1		10/05/18 18:35	10061-01-5	
trans-1,3-Dichloropropene	**<0.18**	ug/L	0.61	0.18	1		10/05/18 18:35	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.095**	ug/L	0.32	0.095	1		10/05/18 18:35	60-29-7	
Ethylbenzene	**<0.14**	ug/L	0.46	0.14	1		10/05/18 18:35	100-41-4	
Hexachloro-1,3-butadiene	**<0.31**	ug/L	1.0	0.31	1		10/05/18 18:35	87-68-3	
Isopropylbenzene (Cumene)	**<0.18**	ug/L	0.62	0.18	1		10/05/18 18:35	98-82-8	
p-Isopropyltoluene	**<0.15**	ug/L	0.51	0.15	1		10/05/18 18:35	99-87-6	
Methylene Chloride	**<0.98**	ug/L	3.3	0.98	1		10/05/18 18:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.42**	ug/L	1.4	0.42	1		10/05/18 18:35	108-10-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Sample: MW-7-50 LT **Lab ID: 10449412012** Collected: 09/26/18 13:45 Received: 09/27/18 19:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**0.39J**	ug/L	0.54	0.16	1		10/05/18 18:35	1634-04-4	
Naphthalene	**<0.48**	ug/L	1.6	0.48	1		10/05/18 18:35	91-20-3	
n-Propylbenzene	**<0.10**	ug/L	0.34	0.10	1		10/05/18 18:35	103-65-1	
Styrene	**<0.19**	ug/L	0.62	0.19	1		10/05/18 18:35	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	0.65	0.20	1		10/05/18 18:35	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 18:35	79-34-5	
Tetrachloroethene	**<0.17**	ug/L	0.57	0.17	1		10/05/18 18:35	127-18-4	
Tetrahydrofuran	**<2.2**	ug/L	7.4	2.2	1		10/05/18 18:35	109-99-9	
Toluene	**<0.083**	ug/L	0.28	0.083	1		10/05/18 18:35	108-88-3	
1,2,3-Trichlorobenzene	**<0.21**	ug/L	0.69	0.21	1		10/05/18 18:35	87-61-6	
1,2,4-Trichlorobenzene	**<0.20**	ug/L	0.66	0.20	1		10/05/18 18:35	120-82-1	
1,1,1-Trichloroethane	**<0.14**	ug/L	0.45	0.14	1		10/05/18 18:35	71-55-6	
1,1,2-Trichloroethane	**<0.18**	ug/L	0.60	0.18	1		10/05/18 18:35	79-00-5	
Trichloroethene	**<0.15**	ug/L	0.50	0.15	1		10/05/18 18:35	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/L	0.77	0.23	1		10/05/18 18:35	75-69-4	
1,2,3-Trichloropropane	**<0.26**	ug/L	0.86	0.26	1		10/05/18 18:35	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.22**	ug/L	0.72	0.22	1		10/05/18 18:35	76-13-1	
1,2,4-Trimethylbenzene	**<0.20**	ug/L	0.65	0.20	1		10/05/18 18:35	95-63-6	
1,3,5-Trimethylbenzene	**<0.12**	ug/L	0.41	0.12	1		10/05/18 18:35	108-67-8	
Vinyl chloride	**<0.092**	ug/L	0.31	0.092	1		10/05/18 18:35	75-01-4	
Xylene (Total)	**<0.31**	ug/L	1.0	0.31	1		10/05/18 18:35	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%.	75-125		1		10/05/18 18:35	17060-07-0	
Toluene-d8 (S)	99	%.	75-125		1		10/05/18 18:35	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	75-125		1		10/05/18 18:35	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Sample: MW-10 LT **Lab ID: 10449412013** Collected: 09/26/18 17:30 Received: 09/27/18 19:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Acetone	**<9.2**	ug/L	30.8	9.2	1		10/05/18 18:52	67-64-1	
Allyl chloride	**<0.29**	ug/L	0.97	0.29	1		10/05/18 18:52	107-05-1	
Benzene	**<0.10**	ug/L	0.34	0.10	1		10/05/18 18:52	71-43-2	
Bromobenzene	**<0.21**	ug/L	0.69	0.21	1		10/05/18 18:52	108-86-1	
Bromochloromethane	**<0.27**	ug/L	0.91	0.27	1		10/05/18 18:52	74-97-5	
Bromodichloromethane	**<0.22**	ug/L	0.72	0.22	1		10/05/18 18:52	75-27-4	
Bromoform	**<0.80**	ug/L	2.7	0.80	1		10/05/18 18:52	75-25-2	
Bromomethane	**<1.8**	ug/L	6.1	1.8	1		10/05/18 18:52	74-83-9	
2-Butanone (MEK)	**<0.99**	ug/L	3.3	0.99	1		10/05/18 18:52	78-93-3	
n-Butylbenzene	**<0.24**	ug/L	0.80	0.24	1		10/05/18 18:52	104-51-8	
sec-Butylbenzene	**<0.15**	ug/L	0.50	0.15	1		10/05/18 18:52	135-98-8	
tert-Butylbenzene	**<0.15**	ug/L	0.49	0.15	1		10/05/18 18:52	98-06-6	
Carbon tetrachloride	**<0.19**	ug/L	0.63	0.19	1		10/05/18 18:52	56-23-5	
Chlorobenzene	**<0.17**	ug/L	0.57	0.17	1		10/05/18 18:52	108-90-7	
Chloroethane	**<0.49**	ug/L	1.6	0.49	1		10/05/18 18:52	75-00-3	
Chloroform	**<0.45**	ug/L	1.5	0.45	1		10/05/18 18:52	67-66-3	
Chloromethane	**<0.16**	ug/L	0.52	0.16	1		10/05/18 18:52	74-87-3	
2-Chlorotoluene	**<0.16**	ug/L	0.54	0.16	1		10/05/18 18:52	95-49-8	
4-Chlorotoluene	**<0.13**	ug/L	0.45	0.13	1		10/05/18 18:52	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.5	1.7	1		10/05/18 18:52	96-12-8	
Dibromochloromethane	**<0.12**	ug/L	0.41	0.12	1		10/05/18 18:52	124-48-1	
1,2-Dibromoethane (EDB)	**<0.24**	ug/L	0.80	0.24	1		10/05/18 18:52	106-93-4	
Dibromomethane	**<0.16**	ug/L	0.54	0.16	1		10/05/18 18:52	74-95-3	
1,2-Dichlorobenzene	**<0.14**	ug/L	0.46	0.14	1		10/05/18 18:52	95-50-1	
1,3-Dichlorobenzene	**<0.16**	ug/L	0.54	0.16	1		10/05/18 18:52	541-73-1	
1,4-Dichlorobenzene	**<0.17**	ug/L	0.56	0.17	1		10/05/18 18:52	106-46-7	
Dichlorodifluoromethane	**<0.23**	ug/L	0.78	0.23	1		10/05/18 18:52	75-71-8	
1,1-Dichloroethane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 18:52	75-34-3	
1,2-Dichloroethane	**<0.22**	ug/L	0.73	0.22	1		10/05/18 18:52	107-06-2	
1,1-Dichloroethene	**<0.16**	ug/L	0.53	0.16	1		10/05/18 18:52	75-35-4	
cis-1,2-Dichloroethene	**<0.15**	ug/L	0.51	0.15	1		10/05/18 18:52	156-59-2	
trans-1,2-Dichloroethene	**<0.12**	ug/L	0.39	0.12	1		10/05/18 18:52	156-60-5	
Dichlorofluoromethane	**<0.14**	ug/L	0.47	0.14	1		10/05/18 18:52	75-43-4	N2
1,2-Dichloropropane	**<0.16**	ug/L	0.55	0.16	1		10/05/18 18:52	78-87-5	
1,3-Dichloropropane	**<0.070**	ug/L	0.23	0.070	1		10/05/18 18:52	142-28-9	
2,2-Dichloropropane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 18:52	594-20-7	
1,1-Dichloropropene	**<0.20**	ug/L	0.66	0.20	1		10/05/18 18:52	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	0.68	0.20	1		10/05/18 18:52	10061-01-5	
trans-1,3-Dichloropropene	**<0.18**	ug/L	0.61	0.18	1		10/05/18 18:52	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.095**	ug/L	0.32	0.095	1		10/05/18 18:52	60-29-7	
Ethylbenzene	**<0.14**	ug/L	0.46	0.14	1		10/05/18 18:52	100-41-4	
Hexachloro-1,3-butadiene	**<0.31**	ug/L	1.0	0.31	1		10/05/18 18:52	87-68-3	
Isopropylbenzene (Cumene)	**<0.18**	ug/L	0.62	0.18	1		10/05/18 18:52	98-82-8	
p-Isopropyltoluene	**<0.15**	ug/L	0.51	0.15	1		10/05/18 18:52	99-87-6	
Methylene Chloride	**<0.98**	ug/L	3.3	0.98	1		10/05/18 18:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.42**	ug/L	1.4	0.42	1		10/05/18 18:52	108-10-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Sample: MW-10 LT **Lab ID: 10449412013** Collected: 09/26/18 17:30 Received: 09/27/18 19:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**<0.16**	ug/L	0.54	0.16	1		10/05/18 18:52	1634-04-4	
Naphthalene	**<0.48**	ug/L	1.6	0.48	1		10/05/18 18:52	91-20-3	
n-Propylbenzene	**<0.10**	ug/L	0.34	0.10	1		10/05/18 18:52	103-65-1	
Styrene	**<0.19**	ug/L	0.62	0.19	1		10/05/18 18:52	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	0.65	0.20	1		10/05/18 18:52	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 18:52	79-34-5	
Tetrachloroethene	**<0.17**	ug/L	0.57	0.17	1		10/05/18 18:52	127-18-4	
Tetrahydrofuran	**<2.2**	ug/L	7.4	2.2	1		10/05/18 18:52	109-99-9	
Toluene	**<0.083**	ug/L	0.28	0.083	1		10/05/18 18:52	108-88-3	
1,2,3-Trichlorobenzene	**<0.21**	ug/L	0.69	0.21	1		10/05/18 18:52	87-61-6	
1,2,4-Trichlorobenzene	**<0.20**	ug/L	0.66	0.20	1		10/05/18 18:52	120-82-1	
1,1,1-Trichloroethane	**<0.14**	ug/L	0.45	0.14	1		10/05/18 18:52	71-55-6	
1,1,2-Trichloroethane	**<0.18**	ug/L	0.60	0.18	1		10/05/18 18:52	79-00-5	
Trichloroethene	**<0.15**	ug/L	0.50	0.15	1		10/05/18 18:52	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/L	0.77	0.23	1		10/05/18 18:52	75-69-4	
1,2,3-Trichloropropane	**<0.26**	ug/L	0.86	0.26	1		10/05/18 18:52	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.22**	ug/L	0.72	0.22	1		10/05/18 18:52	76-13-1	
1,2,4-Trimethylbenzene	**<0.20**	ug/L	0.65	0.20	1		10/05/18 18:52	95-63-6	
1,3,5-Trimethylbenzene	**<0.12**	ug/L	0.41	0.12	1		10/05/18 18:52	108-67-8	
Vinyl chloride	**<0.092**	ug/L	0.31	0.092	1		10/05/18 18:52	75-01-4	
Xylene (Total)	**<0.31**	ug/L	1.0	0.31	1		10/05/18 18:52	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%.	75-125		1		10/05/18 18:52	17060-07-0	
Toluene-d8 (S)	100	%.	75-125		1		10/05/18 18:52	2037-26-5	
4-Bromofluorobenzene (S)	103	%.	75-125		1		10/05/18 18:52	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Sample: MW-10-30 LT **Lab ID: 10449412014** Collected: 09/26/18 17:50 Received: 09/27/18 19:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Acetone	**<9.2**	ug/L	30.8	9.2	1		10/05/18 19:10	67-64-1	
Allyl chloride	**<0.29**	ug/L	0.97	0.29	1		10/05/18 19:10	107-05-1	
Benzene	**<0.10**	ug/L	0.34	0.10	1		10/05/18 19:10	71-43-2	
Bromobenzene	**<0.21**	ug/L	0.69	0.21	1		10/05/18 19:10	108-86-1	
Bromochloromethane	**<0.27**	ug/L	0.91	0.27	1		10/05/18 19:10	74-97-5	
Bromodichloromethane	**<0.22**	ug/L	0.72	0.22	1		10/05/18 19:10	75-27-4	
Bromoform	**<0.80**	ug/L	2.7	0.80	1		10/05/18 19:10	75-25-2	
Bromomethane	**<1.8**	ug/L	6.1	1.8	1		10/05/18 19:10	74-83-9	
2-Butanone (MEK)	**<0.99**	ug/L	3.3	0.99	1		10/05/18 19:10	78-93-3	
n-Butylbenzene	**<0.24**	ug/L	0.80	0.24	1		10/05/18 19:10	104-51-8	
sec-Butylbenzene	**<0.15**	ug/L	0.50	0.15	1		10/05/18 19:10	135-98-8	
tert-Butylbenzene	**<0.15**	ug/L	0.49	0.15	1		10/05/18 19:10	98-06-6	
Carbon tetrachloride	**<0.19**	ug/L	0.63	0.19	1		10/05/18 19:10	56-23-5	
Chlorobenzene	**<0.17**	ug/L	0.57	0.17	1		10/05/18 19:10	108-90-7	
Chloroethane	**<0.49**	ug/L	1.6	0.49	1		10/05/18 19:10	75-00-3	
Chloroform	**<0.45**	ug/L	1.5	0.45	1		10/05/18 19:10	67-66-3	
Chloromethane	**<0.16**	ug/L	0.52	0.16	1		10/05/18 19:10	74-87-3	
2-Chlorotoluene	**<0.16**	ug/L	0.54	0.16	1		10/05/18 19:10	95-49-8	
4-Chlorotoluene	**<0.13**	ug/L	0.45	0.13	1		10/05/18 19:10	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.5	1.7	1		10/05/18 19:10	96-12-8	
Dibromochloromethane	**<0.12**	ug/L	0.41	0.12	1		10/05/18 19:10	124-48-1	
1,2-Dibromoethane (EDB)	**<0.24**	ug/L	0.80	0.24	1		10/05/18 19:10	106-93-4	
Dibromomethane	**<0.16**	ug/L	0.54	0.16	1		10/05/18 19:10	74-95-3	
1,2-Dichlorobenzene	**<0.14**	ug/L	0.46	0.14	1		10/05/18 19:10	95-50-1	
1,3-Dichlorobenzene	**<0.16**	ug/L	0.54	0.16	1		10/05/18 19:10	541-73-1	
1,4-Dichlorobenzene	**<0.17**	ug/L	0.56	0.17	1		10/05/18 19:10	106-46-7	
Dichlorodifluoromethane	**<0.23**	ug/L	0.78	0.23	1		10/05/18 19:10	75-71-8	
1,1-Dichloroethane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 19:10	75-34-3	
1,2-Dichloroethane	**<0.22**	ug/L	0.73	0.22	1		10/05/18 19:10	107-06-2	
1,1-Dichloroethene	**<0.16**	ug/L	0.53	0.16	1		10/05/18 19:10	75-35-4	
cis-1,2-Dichloroethene	**<0.15**	ug/L	0.51	0.15	1		10/05/18 19:10	156-59-2	
trans-1,2-Dichloroethene	**<0.12**	ug/L	0.39	0.12	1		10/05/18 19:10	156-60-5	
Dichlorofluoromethane	**<0.14**	ug/L	0.47	0.14	1		10/05/18 19:10	75-43-4	N2
1,2-Dichloropropane	**<0.16**	ug/L	0.55	0.16	1		10/05/18 19:10	78-87-5	
1,3-Dichloropropane	**<0.070**	ug/L	0.23	0.070	1		10/05/18 19:10	142-28-9	
2,2-Dichloropropane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 19:10	594-20-7	
1,1-Dichloropropene	**<0.20**	ug/L	0.66	0.20	1		10/05/18 19:10	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	0.68	0.20	1		10/05/18 19:10	10061-01-5	
trans-1,3-Dichloropropene	**<0.18**	ug/L	0.61	0.18	1		10/05/18 19:10	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.095**	ug/L	0.32	0.095	1		10/05/18 19:10	60-29-7	
Ethylbenzene	**<0.14**	ug/L	0.46	0.14	1		10/05/18 19:10	100-41-4	
Hexachloro-1,3-butadiene	**<0.31**	ug/L	1.0	0.31	1		10/05/18 19:10	87-68-3	
Isopropylbenzene (Cumene)	**<0.18**	ug/L	0.62	0.18	1		10/05/18 19:10	98-82-8	
p-Isopropyltoluene	**<0.15**	ug/L	0.51	0.15	1		10/05/18 19:10	99-87-6	
Methylene Chloride	**<0.98**	ug/L	3.3	0.98	1		10/05/18 19:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.42**	ug/L	1.4	0.42	1		10/05/18 19:10	108-10-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Sample: MW-10-30 LT **Lab ID: 10449412014** Collected: 09/26/18 17:50 Received: 09/27/18 19:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**<0.16**	ug/L	0.54	0.16	1		10/05/18 19:10	1634-04-4	
Naphthalene	**<0.48**	ug/L	1.6	0.48	1		10/05/18 19:10	91-20-3	
n-Propylbenzene	**<0.10**	ug/L	0.34	0.10	1		10/05/18 19:10	103-65-1	
Styrene	**<0.19**	ug/L	0.62	0.19	1		10/05/18 19:10	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	0.65	0.20	1		10/05/18 19:10	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 19:10	79-34-5	
Tetrachloroethene	**2.7**	ug/L	0.57	0.17	1		10/05/18 19:10	127-18-4	
Tetrahydrofuran	**<2.2**	ug/L	7.4	2.2	1		10/05/18 19:10	109-99-9	
Toluene	**<0.083**	ug/L	0.28	0.083	1		10/05/18 19:10	108-88-3	
1,2,3-Trichlorobenzene	**<0.21**	ug/L	0.69	0.21	1		10/05/18 19:10	87-61-6	
1,2,4-Trichlorobenzene	**<0.20**	ug/L	0.66	0.20	1		10/05/18 19:10	120-82-1	
1,1,1-Trichloroethane	**<0.14**	ug/L	0.45	0.14	1		10/05/18 19:10	71-55-6	
1,1,2-Trichloroethane	**<0.18**	ug/L	0.60	0.18	1		10/05/18 19:10	79-00-5	
Trichloroethene	**0.36J**	ug/L	0.50	0.15	1		10/05/18 19:10	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/L	0.77	0.23	1		10/05/18 19:10	75-69-4	
1,2,3-Trichloropropane	**<0.26**	ug/L	0.86	0.26	1		10/05/18 19:10	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.22**	ug/L	0.72	0.22	1		10/05/18 19:10	76-13-1	
1,2,4-Trimethylbenzene	**<0.20**	ug/L	0.65	0.20	1		10/05/18 19:10	95-63-6	
1,3,5-Trimethylbenzene	**<0.12**	ug/L	0.41	0.12	1		10/05/18 19:10	108-67-8	
Vinyl chloride	**<0.092**	ug/L	0.31	0.092	1		10/05/18 19:10	75-01-4	
Xylene (Total)	**<0.31**	ug/L	1.0	0.31	1		10/05/18 19:10	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%.	75-125		1		10/05/18 19:10	17060-07-0	
Toluene-d8 (S)	99	%.	75-125		1		10/05/18 19:10	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	75-125		1		10/05/18 19:10	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Sample: MW-10-50 LT **Lab ID: 10449412015** Collected: 09/26/18 17:40 Received: 09/27/18 19:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Acetone	**<9.2**	ug/L	30.8	9.2	1		10/05/18 19:27	67-64-1	
Allyl chloride	**<0.29**	ug/L	0.97	0.29	1		10/05/18 19:27	107-05-1	
Benzene	**<0.10**	ug/L	0.34	0.10	1		10/05/18 19:27	71-43-2	
Bromobenzene	**<0.21**	ug/L	0.69	0.21	1		10/05/18 19:27	108-86-1	
Bromochloromethane	**<0.27**	ug/L	0.91	0.27	1		10/05/18 19:27	74-97-5	
Bromodichloromethane	**<0.22**	ug/L	0.72	0.22	1		10/05/18 19:27	75-27-4	
Bromoform	**<0.80**	ug/L	2.7	0.80	1		10/05/18 19:27	75-25-2	
Bromomethane	**<1.8**	ug/L	6.1	1.8	1		10/05/18 19:27	74-83-9	
2-Butanone (MEK)	**<0.99**	ug/L	3.3	0.99	1		10/05/18 19:27	78-93-3	
n-Butylbenzene	**<0.24**	ug/L	0.80	0.24	1		10/05/18 19:27	104-51-8	
sec-Butylbenzene	**<0.15**	ug/L	0.50	0.15	1		10/05/18 19:27	135-98-8	
tert-Butylbenzene	**<0.15**	ug/L	0.49	0.15	1		10/05/18 19:27	98-06-6	
Carbon tetrachloride	**<0.19**	ug/L	0.63	0.19	1		10/05/18 19:27	56-23-5	
Chlorobenzene	**<0.17**	ug/L	0.57	0.17	1		10/05/18 19:27	108-90-7	
Chloroethane	**<0.49**	ug/L	1.6	0.49	1		10/05/18 19:27	75-00-3	
Chloroform	**<0.45**	ug/L	1.5	0.45	1		10/05/18 19:27	67-66-3	
Chloromethane	**<0.16**	ug/L	0.52	0.16	1		10/05/18 19:27	74-87-3	
2-Chlorotoluene	**<0.16**	ug/L	0.54	0.16	1		10/05/18 19:27	95-49-8	
4-Chlorotoluene	**<0.13**	ug/L	0.45	0.13	1		10/05/18 19:27	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.5	1.7	1		10/05/18 19:27	96-12-8	
Dibromochloromethane	**<0.12**	ug/L	0.41	0.12	1		10/05/18 19:27	124-48-1	
1,2-Dibromoethane (EDB)	**<0.24**	ug/L	0.80	0.24	1		10/05/18 19:27	106-93-4	
Dibromomethane	**<0.16**	ug/L	0.54	0.16	1		10/05/18 19:27	74-95-3	
1,2-Dichlorobenzene	**<0.14**	ug/L	0.46	0.14	1		10/05/18 19:27	95-50-1	
1,3-Dichlorobenzene	**<0.16**	ug/L	0.54	0.16	1		10/05/18 19:27	541-73-1	
1,4-Dichlorobenzene	**<0.17**	ug/L	0.56	0.17	1		10/05/18 19:27	106-46-7	
Dichlorodifluoromethane	**<0.23**	ug/L	0.78	0.23	1		10/05/18 19:27	75-71-8	
1,1-Dichloroethane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 19:27	75-34-3	
1,2-Dichloroethane	**0.52J**	ug/L	0.73	0.22	1		10/05/18 19:27	107-06-2	
1,1-Dichloroethene	**<0.16**	ug/L	0.53	0.16	1		10/05/18 19:27	75-35-4	
cis-1,2-Dichloroethene	**<0.15**	ug/L	0.51	0.15	1		10/05/18 19:27	156-59-2	
trans-1,2-Dichloroethene	**<0.12**	ug/L	0.39	0.12	1		10/05/18 19:27	156-60-5	
Dichlorofluoromethane	**<0.14**	ug/L	0.47	0.14	1		10/05/18 19:27	75-43-4	N2
1,2-Dichloropropane	**<0.16**	ug/L	0.55	0.16	1		10/05/18 19:27	78-87-5	
1,3-Dichloropropane	**<0.070**	ug/L	0.23	0.070	1		10/05/18 19:27	142-28-9	
2,2-Dichloropropane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 19:27	594-20-7	
1,1-Dichloropropene	**<0.20**	ug/L	0.66	0.20	1		10/05/18 19:27	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	0.68	0.20	1		10/05/18 19:27	10061-01-5	
trans-1,3-Dichloropropene	**<0.18**	ug/L	0.61	0.18	1		10/05/18 19:27	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.095**	ug/L	0.32	0.095	1		10/05/18 19:27	60-29-7	
Ethylbenzene	**<0.14**	ug/L	0.46	0.14	1		10/05/18 19:27	100-41-4	
Hexachloro-1,3-butadiene	**<0.31**	ug/L	1.0	0.31	1		10/05/18 19:27	87-68-3	
Isopropylbenzene (Cumene)	**<0.18**	ug/L	0.62	0.18	1		10/05/18 19:27	98-82-8	
p-Isopropyltoluene	**<0.15**	ug/L	0.51	0.15	1		10/05/18 19:27	99-87-6	
Methylene Chloride	**<0.98**	ug/L	3.3	0.98	1		10/05/18 19:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.42**	ug/L	1.4	0.42	1		10/05/18 19:27	108-10-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Minneapolis, MN 55414
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Sample: MW-10-50 LT **Lab ID: 10449412015** Collected: 09/26/18 17:40 Received: 09/27/18 19:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**<0.16**	ug/L	0.54	0.16	1		10/05/18 19:27	1634-04-4	
Naphthalene	**<0.48**	ug/L	1.6	0.48	1		10/05/18 19:27	91-20-3	
n-Propylbenzene	**<0.10**	ug/L	0.34	0.10	1		10/05/18 19:27	103-65-1	
Styrene	**<0.19**	ug/L	0.62	0.19	1		10/05/18 19:27	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	0.65	0.20	1		10/05/18 19:27	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 19:27	79-34-5	
Tetrachloroethene	**3.1**	ug/L	0.57	0.17	1		10/05/18 19:27	127-18-4	
Tetrahydrofuran	**<2.2**	ug/L	7.4	2.2	1		10/05/18 19:27	109-99-9	
Toluene	**<0.083**	ug/L	0.28	0.083	1		10/05/18 19:27	108-88-3	
1,2,3-Trichlorobenzene	**<0.21**	ug/L	0.69	0.21	1		10/05/18 19:27	87-61-6	
1,2,4-Trichlorobenzene	**<0.20**	ug/L	0.66	0.20	1		10/05/18 19:27	120-82-1	
1,1,1-Trichloroethane	**<0.14**	ug/L	0.45	0.14	1		10/05/18 19:27	71-55-6	
1,1,2-Trichloroethane	**<0.18**	ug/L	0.60	0.18	1		10/05/18 19:27	79-00-5	
Trichloroethene	**0.40J**	ug/L	0.50	0.15	1		10/05/18 19:27	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/L	0.77	0.23	1		10/05/18 19:27	75-69-4	
1,2,3-Trichloropropane	**<0.26**	ug/L	0.86	0.26	1		10/05/18 19:27	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.22**	ug/L	0.72	0.22	1		10/05/18 19:27	76-13-1	
1,2,4-Trimethylbenzene	**<0.20**	ug/L	0.65	0.20	1		10/05/18 19:27	95-63-6	
1,3,5-Trimethylbenzene	**<0.12**	ug/L	0.41	0.12	1		10/05/18 19:27	108-67-8	
Vinyl chloride	**<0.092**	ug/L	0.31	0.092	1		10/05/18 19:27	75-01-4	
Xylene (Total)	**<0.31**	ug/L	1.0	0.31	1		10/05/18 19:27	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	104	%.	75-125		1		10/05/18 19:27	17060-07-0	
Toluene-d8 (S)	99	%.	75-125		1		10/05/18 19:27	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	75-125		1		10/05/18 19:27	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Sample: MW-13D **Lab ID: 10449412016** Collected: 09/27/18 09:15 Received: 09/27/18 19:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Acetone	**<9.2**	ug/L	30.8	9.2	1		10/05/18 19:45	67-64-1	
Allyl chloride	**<0.29**	ug/L	0.97	0.29	1		10/05/18 19:45	107-05-1	
Benzene	**<0.10**	ug/L	0.34	0.10	1		10/05/18 19:45	71-43-2	
Bromobenzene	**<0.21**	ug/L	0.69	0.21	1		10/05/18 19:45	108-86-1	
Bromochloromethane	**<0.27**	ug/L	0.91	0.27	1		10/05/18 19:45	74-97-5	
Bromodichloromethane	**<0.22**	ug/L	0.72	0.22	1		10/05/18 19:45	75-27-4	
Bromoform	**<0.80**	ug/L	2.7	0.80	1		10/05/18 19:45	75-25-2	
Bromomethane	**<1.8**	ug/L	6.1	1.8	1		10/05/18 19:45	74-83-9	
2-Butanone (MEK)	**<0.99**	ug/L	3.3	0.99	1		10/05/18 19:45	78-93-3	
n-Butylbenzene	**<0.24**	ug/L	0.80	0.24	1		10/05/18 19:45	104-51-8	
sec-Butylbenzene	**<0.15**	ug/L	0.50	0.15	1		10/05/18 19:45	135-98-8	
tert-Butylbenzene	**<0.15**	ug/L	0.49	0.15	1		10/05/18 19:45	98-06-6	
Carbon tetrachloride	**<0.19**	ug/L	0.63	0.19	1		10/05/18 19:45	56-23-5	
Chlorobenzene	**<0.17**	ug/L	0.57	0.17	1		10/05/18 19:45	108-90-7	
Chloroethane	**<0.49**	ug/L	1.6	0.49	1		10/05/18 19:45	75-00-3	
Chloroform	**<0.45**	ug/L	1.5	0.45	1		10/05/18 19:45	67-66-3	
Chloromethane	**<0.16**	ug/L	0.52	0.16	1		10/05/18 19:45	74-87-3	
2-Chlorotoluene	**<0.16**	ug/L	0.54	0.16	1		10/05/18 19:45	95-49-8	
4-Chlorotoluene	**<0.13**	ug/L	0.45	0.13	1		10/05/18 19:45	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.5	1.7	1		10/05/18 19:45	96-12-8	
Dibromochloromethane	**<0.12**	ug/L	0.41	0.12	1		10/05/18 19:45	124-48-1	
1,2-Dibromoethane (EDB)	**<0.24**	ug/L	0.80	0.24	1		10/05/18 19:45	106-93-4	
Dibromomethane	**<0.16**	ug/L	0.54	0.16	1		10/05/18 19:45	74-95-3	
1,2-Dichlorobenzene	**<0.14**	ug/L	0.46	0.14	1		10/05/18 19:45	95-50-1	
1,3-Dichlorobenzene	**<0.16**	ug/L	0.54	0.16	1		10/05/18 19:45	541-73-1	
1,4-Dichlorobenzene	**<0.17**	ug/L	0.56	0.17	1		10/05/18 19:45	106-46-7	
Dichlorodifluoromethane	**<0.23**	ug/L	0.78	0.23	1		10/05/18 19:45	75-71-8	
1,1-Dichloroethane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 19:45	75-34-3	
1,2-Dichloroethane	**<0.22**	ug/L	0.73	0.22	1		10/05/18 19:45	107-06-2	
1,1-Dichloroethene	**<0.16**	ug/L	0.53	0.16	1		10/05/18 19:45	75-35-4	
cis-1,2-Dichloroethene	**2.3**	ug/L	0.51	0.15	1		10/05/18 19:45	156-59-2	
trans-1,2-Dichloroethene	**<0.12**	ug/L	0.39	0.12	1		10/05/18 19:45	156-60-5	
Dichlorofluoromethane	**<0.14**	ug/L	0.47	0.14	1		10/05/18 19:45	75-43-4	N2
1,2-Dichloropropane	**<0.16**	ug/L	0.55	0.16	1		10/05/18 19:45	78-87-5	
1,3-Dichloropropane	**<0.070**	ug/L	0.23	0.070	1		10/05/18 19:45	142-28-9	
2,2-Dichloropropane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 19:45	594-20-7	
1,1-Dichloropropene	**<0.20**	ug/L	0.66	0.20	1		10/05/18 19:45	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	0.68	0.20	1		10/05/18 19:45	10061-01-5	
trans-1,3-Dichloropropene	**<0.18**	ug/L	0.61	0.18	1		10/05/18 19:45	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.095**	ug/L	0.32	0.095	1		10/05/18 19:45	60-29-7	
Ethylbenzene	**<0.14**	ug/L	0.46	0.14	1		10/05/18 19:45	100-41-4	
Hexachloro-1,3-butadiene	**<0.31**	ug/L	1.0	0.31	1		10/05/18 19:45	87-68-3	
Isopropylbenzene (Cumene)	**<0.18**	ug/L	0.62	0.18	1		10/05/18 19:45	98-82-8	
p-Isopropyltoluene	**<0.15**	ug/L	0.51	0.15	1		10/05/18 19:45	99-87-6	
Methylene Chloride	**<0.98**	ug/L	3.3	0.98	1		10/05/18 19:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.42**	ug/L	1.4	0.42	1		10/05/18 19:45	108-10-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Sample: MW-13D **Lab ID: 10449412016** Collected: 09/27/18 09:15 Received: 09/27/18 19:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**<0.16**	ug/L	0.54	0.16	1		10/05/18 19:45	1634-04-4	
Naphthalene	**<0.48**	ug/L	1.6	0.48	1		10/05/18 19:45	91-20-3	
n-Propylbenzene	**<0.10**	ug/L	0.34	0.10	1		10/05/18 19:45	103-65-1	
Styrene	**<0.19**	ug/L	0.62	0.19	1		10/05/18 19:45	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	0.65	0.20	1		10/05/18 19:45	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 19:45	79-34-5	
Tetrachloroethene	**12.4**	ug/L	0.57	0.17	1		10/05/18 19:45	127-18-4	
Tetrahydrofuran	**<2.2**	ug/L	7.4	2.2	1		10/05/18 19:45	109-99-9	
Toluene	**<0.083**	ug/L	0.28	0.083	1		10/05/18 19:45	108-88-3	
1,2,3-Trichlorobenzene	**<0.21**	ug/L	0.69	0.21	1		10/05/18 19:45	87-61-6	
1,2,4-Trichlorobenzene	**<0.20**	ug/L	0.66	0.20	1		10/05/18 19:45	120-82-1	
1,1,1-Trichloroethane	**<0.14**	ug/L	0.45	0.14	1		10/05/18 19:45	71-55-6	
1,1,2-Trichloroethane	**<0.18**	ug/L	0.60	0.18	1		10/05/18 19:45	79-00-5	
Trichloroethene	**2.8**	ug/L	0.50	0.15	1		10/05/18 19:45	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/L	0.77	0.23	1		10/05/18 19:45	75-69-4	
1,2,3-Trichloropropane	**<0.26**	ug/L	0.86	0.26	1		10/05/18 19:45	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.22**	ug/L	0.72	0.22	1		10/05/18 19:45	76-13-1	
1,2,4-Trimethylbenzene	**<0.20**	ug/L	0.65	0.20	1		10/05/18 19:45	95-63-6	
1,3,5-Trimethylbenzene	**<0.12**	ug/L	0.41	0.12	1		10/05/18 19:45	108-67-8	
Vinyl chloride	**<0.092**	ug/L	0.31	0.092	1		10/05/18 19:45	75-01-4	
Xylene (Total)	**<0.31**	ug/L	1.0	0.31	1		10/05/18 19:45	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%.	75-125		1		10/05/18 19:45	17060-07-0	
Toluene-d8 (S)	99	%.	75-125		1		10/05/18 19:45	2037-26-5	
4-Bromofluorobenzene (S)	103	%.	75-125		1		10/05/18 19:45	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Sample: MW-15S **Lab ID: 10449412017** Collected: 09/27/18 07:35 Received: 09/27/18 19:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Acetone	**<9.2**	ug/L	30.8	9.2	1		10/05/18 20:02	67-64-1	
Allyl chloride	**<0.29**	ug/L	0.97	0.29	1		10/05/18 20:02	107-05-1	
Benzene	**<0.10**	ug/L	0.34	0.10	1		10/05/18 20:02	71-43-2	
Bromobenzene	**<0.21**	ug/L	0.69	0.21	1		10/05/18 20:02	108-86-1	
Bromochloromethane	**<0.27**	ug/L	0.91	0.27	1		10/05/18 20:02	74-97-5	
Bromodichloromethane	**<0.22**	ug/L	0.72	0.22	1		10/05/18 20:02	75-27-4	
Bromoform	**<0.80**	ug/L	2.7	0.80	1		10/05/18 20:02	75-25-2	
Bromomethane	**<1.8**	ug/L	6.1	1.8	1		10/05/18 20:02	74-83-9	
2-Butanone (MEK)	**<0.99**	ug/L	3.3	0.99	1		10/05/18 20:02	78-93-3	
n-Butylbenzene	**<0.24**	ug/L	0.80	0.24	1		10/05/18 20:02	104-51-8	
sec-Butylbenzene	**<0.15**	ug/L	0.50	0.15	1		10/05/18 20:02	135-98-8	
tert-Butylbenzene	**<0.15**	ug/L	0.49	0.15	1		10/05/18 20:02	98-06-6	
Carbon tetrachloride	**<0.19**	ug/L	0.63	0.19	1		10/05/18 20:02	56-23-5	
Chlorobenzene	**<0.17**	ug/L	0.57	0.17	1		10/05/18 20:02	108-90-7	
Chloroethane	**<0.49**	ug/L	1.6	0.49	1		10/05/18 20:02	75-00-3	
Chloroform	**<0.45**	ug/L	1.5	0.45	1		10/05/18 20:02	67-66-3	
Chloromethane	**<0.16**	ug/L	0.52	0.16	1		10/05/18 20:02	74-87-3	
2-Chlorotoluene	**<0.16**	ug/L	0.54	0.16	1		10/05/18 20:02	95-49-8	
4-Chlorotoluene	**<0.13**	ug/L	0.45	0.13	1		10/05/18 20:02	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.5	1.7	1		10/05/18 20:02	96-12-8	
Dibromochloromethane	**<0.12**	ug/L	0.41	0.12	1		10/05/18 20:02	124-48-1	
1,2-Dibromoethane (EDB)	**<0.24**	ug/L	0.80	0.24	1		10/05/18 20:02	106-93-4	
Dibromomethane	**<0.16**	ug/L	0.54	0.16	1		10/05/18 20:02	74-95-3	
1,2-Dichlorobenzene	**<0.14**	ug/L	0.46	0.14	1		10/05/18 20:02	95-50-1	
1,3-Dichlorobenzene	**<0.16**	ug/L	0.54	0.16	1		10/05/18 20:02	541-73-1	
1,4-Dichlorobenzene	**<0.17**	ug/L	0.56	0.17	1		10/05/18 20:02	106-46-7	
Dichlorodifluoromethane	**<0.23**	ug/L	0.78	0.23	1		10/05/18 20:02	75-71-8	
1,1-Dichloroethane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 20:02	75-34-3	
1,2-Dichloroethane	**<0.22**	ug/L	0.73	0.22	1		10/05/18 20:02	107-06-2	
1,1-Dichloroethene	**<0.16**	ug/L	0.53	0.16	1		10/05/18 20:02	75-35-4	
cis-1,2-Dichloroethene	**<0.15**	ug/L	0.51	0.15	1		10/05/18 20:02	156-59-2	
trans-1,2-Dichloroethene	**<0.12**	ug/L	0.39	0.12	1		10/05/18 20:02	156-60-5	
Dichlorofluoromethane	**<0.14**	ug/L	0.47	0.14	1		10/05/18 20:02	75-43-4	N2
1,2-Dichloropropane	**<0.16**	ug/L	0.55	0.16	1		10/05/18 20:02	78-87-5	
1,3-Dichloropropane	**<0.070**	ug/L	0.23	0.070	1		10/05/18 20:02	142-28-9	
2,2-Dichloropropane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 20:02	594-20-7	
1,1-Dichloropropene	**<0.20**	ug/L	0.66	0.20	1		10/05/18 20:02	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	0.68	0.20	1		10/05/18 20:02	10061-01-5	
trans-1,3-Dichloropropene	**<0.18**	ug/L	0.61	0.18	1		10/05/18 20:02	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.095**	ug/L	0.32	0.095	1		10/05/18 20:02	60-29-7	
Ethylbenzene	**<0.14**	ug/L	0.46	0.14	1		10/05/18 20:02	100-41-4	
Hexachloro-1,3-butadiene	**<0.31**	ug/L	1.0	0.31	1		10/05/18 20:02	87-68-3	
Isopropylbenzene (Cumene)	**<0.18**	ug/L	0.62	0.18	1		10/05/18 20:02	98-82-8	
p-Isopropyltoluene	**<0.15**	ug/L	0.51	0.15	1		10/05/18 20:02	99-87-6	
Methylene Chloride	**<0.98**	ug/L	3.3	0.98	1		10/05/18 20:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.42**	ug/L	1.4	0.42	1		10/05/18 20:02	108-10-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Sample: MW-15S **Lab ID: 10449412017** Collected: 09/27/18 07:35 Received: 09/27/18 19:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**<0.16**	ug/L	0.54	0.16	1		10/05/18 20:02	1634-04-4	
Naphthalene	**<0.48**	ug/L	1.6	0.48	1		10/05/18 20:02	91-20-3	
n-Propylbenzene	**<0.10**	ug/L	0.34	0.10	1		10/05/18 20:02	103-65-1	
Styrene	**<0.19**	ug/L	0.62	0.19	1		10/05/18 20:02	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	0.65	0.20	1		10/05/18 20:02	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 20:02	79-34-5	
Tetrachloroethene	**1.4**	ug/L	0.57	0.17	1		10/05/18 20:02	127-18-4	
Tetrahydrofuran	**<2.2**	ug/L	7.4	2.2	1		10/05/18 20:02	109-99-9	
Toluene	**<0.083**	ug/L	0.28	0.083	1		10/05/18 20:02	108-88-3	
1,2,3-Trichlorobenzene	**<0.21**	ug/L	0.69	0.21	1		10/05/18 20:02	87-61-6	
1,2,4-Trichlorobenzene	**<0.20**	ug/L	0.66	0.20	1		10/05/18 20:02	120-82-1	
1,1,1-Trichloroethane	**<0.14**	ug/L	0.45	0.14	1		10/05/18 20:02	71-55-6	
1,1,2-Trichloroethane	**<0.18**	ug/L	0.60	0.18	1		10/05/18 20:02	79-00-5	
Trichloroethene	**<0.15**	ug/L	0.50	0.15	1		10/05/18 20:02	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/L	0.77	0.23	1		10/05/18 20:02	75-69-4	
1,2,3-Trichloropropane	**<0.26**	ug/L	0.86	0.26	1		10/05/18 20:02	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.22**	ug/L	0.72	0.22	1		10/05/18 20:02	76-13-1	
1,2,4-Trimethylbenzene	**<0.20**	ug/L	0.65	0.20	1		10/05/18 20:02	95-63-6	
1,3,5-Trimethylbenzene	**<0.12**	ug/L	0.41	0.12	1		10/05/18 20:02	108-67-8	
Vinyl chloride	**<0.092**	ug/L	0.31	0.092	1		10/05/18 20:02	75-01-4	
Xylene (Total)	**<0.31**	ug/L	1.0	0.31	1		10/05/18 20:02	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%.	75-125		1		10/05/18 20:02	17060-07-0	
Toluene-d8 (S)	100	%.	75-125		1		10/05/18 20:02	2037-26-5	
4-Bromofluorobenzene (S)	103	%.	75-125		1		10/05/18 20:02	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Sample: MW-15D **Lab ID: 10449412018** Collected: 09/27/18 10:15 Received: 09/27/18 19:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Acetone	**<9.2**	ug/L	30.8	9.2	1		10/05/18 20:20	67-64-1	
Allyl chloride	**<0.29**	ug/L	0.97	0.29	1		10/05/18 20:20	107-05-1	
Benzene	**0.51**	ug/L	0.34	0.10	1		10/05/18 20:20	71-43-2	
Bromobenzene	**<0.21**	ug/L	0.69	0.21	1		10/05/18 20:20	108-86-1	
Bromochloromethane	**<0.27**	ug/L	0.91	0.27	1		10/05/18 20:20	74-97-5	
Bromodichloromethane	**<0.22**	ug/L	0.72	0.22	1		10/05/18 20:20	75-27-4	
Bromoform	**<0.80**	ug/L	2.7	0.80	1		10/05/18 20:20	75-25-2	
Bromomethane	**<1.8**	ug/L	6.1	1.8	1		10/05/18 20:20	74-83-9	
2-Butanone (MEK)	**<0.99**	ug/L	3.3	0.99	1		10/05/18 20:20	78-93-3	
n-Butylbenzene	**<0.24**	ug/L	0.80	0.24	1		10/05/18 20:20	104-51-8	
sec-Butylbenzene	**0.85**	ug/L	0.50	0.15	1		10/05/18 20:20	135-98-8	
tert-Butylbenzene	**<0.15**	ug/L	0.49	0.15	1		10/05/18 20:20	98-06-6	
Carbon tetrachloride	**<0.19**	ug/L	0.63	0.19	1		10/05/18 20:20	56-23-5	
Chlorobenzene	**<0.17**	ug/L	0.57	0.17	1		10/05/18 20:20	108-90-7	
Chloroethane	**<0.49**	ug/L	1.6	0.49	1		10/05/18 20:20	75-00-3	
Chloroform	**<0.45**	ug/L	1.5	0.45	1		10/05/18 20:20	67-66-3	
Chloromethane	**<0.16**	ug/L	0.52	0.16	1		10/05/18 20:20	74-87-3	
2-Chlorotoluene	**<0.16**	ug/L	0.54	0.16	1		10/05/18 20:20	95-49-8	
4-Chlorotoluene	**<0.13**	ug/L	0.45	0.13	1		10/05/18 20:20	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.5	1.7	1		10/05/18 20:20	96-12-8	
Dibromochloromethane	**<0.12**	ug/L	0.41	0.12	1		10/05/18 20:20	124-48-1	
1,2-Dibromoethane (EDB)	**<0.24**	ug/L	0.80	0.24	1		10/05/18 20:20	106-93-4	
Dibromomethane	**<0.16**	ug/L	0.54	0.16	1		10/05/18 20:20	74-95-3	
1,2-Dichlorobenzene	**<0.14**	ug/L	0.46	0.14	1		10/05/18 20:20	95-50-1	
1,3-Dichlorobenzene	**<0.16**	ug/L	0.54	0.16	1		10/05/18 20:20	541-73-1	
1,4-Dichlorobenzene	**<0.17**	ug/L	0.56	0.17	1		10/05/18 20:20	106-46-7	
Dichlorodifluoromethane	**<0.23**	ug/L	0.78	0.23	1		10/05/18 20:20	75-71-8	
1,1-Dichloroethane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 20:20	75-34-3	
1,2-Dichloroethane	**0.46J**	ug/L	0.73	0.22	1		10/05/18 20:20	107-06-2	
1,1-Dichloroethene	**<0.16**	ug/L	0.53	0.16	1		10/05/18 20:20	75-35-4	
cis-1,2-Dichloroethene	**3.3**	ug/L	0.51	0.15	1		10/05/18 20:20	156-59-2	
trans-1,2-Dichloroethene	**<0.12**	ug/L	0.39	0.12	1		10/05/18 20:20	156-60-5	
Dichlorofluoromethane	**<0.14**	ug/L	0.47	0.14	1		10/05/18 20:20	75-43-4	N2
1,2-Dichloropropane	**<0.16**	ug/L	0.55	0.16	1		10/05/18 20:20	78-87-5	
1,3-Dichloropropane	**<0.070**	ug/L	0.23	0.070	1		10/05/18 20:20	142-28-9	
2,2-Dichloropropane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 20:20	594-20-7	
1,1-Dichloropropene	**<0.20**	ug/L	0.66	0.20	1		10/05/18 20:20	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	0.68	0.20	1		10/05/18 20:20	10061-01-5	
trans-1,3-Dichloropropene	**<0.18**	ug/L	0.61	0.18	1		10/05/18 20:20	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.095**	ug/L	0.32	0.095	1		10/05/18 20:20	60-29-7	
Ethylbenzene	**<0.14**	ug/L	0.46	0.14	1		10/05/18 20:20	100-41-4	
Hexachloro-1,3-butadiene	**<0.31**	ug/L	1.0	0.31	1		10/05/18 20:20	87-68-3	
Isopropylbenzene (Cumene)	**<0.18**	ug/L	0.62	0.18	1		10/05/18 20:20	98-82-8	
p-Isopropyltoluene	**<0.15**	ug/L	0.51	0.15	1		10/05/18 20:20	99-87-6	
Methylene Chloride	**<0.98**	ug/L	3.3	0.98	1		10/05/18 20:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.42**	ug/L	1.4	0.42	1		10/05/18 20:20	108-10-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Sample: MW-15D **Lab ID: 10449412018** Collected: 09/27/18 10:15 Received: 09/27/18 19:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**<0.16**	ug/L	0.54	0.16	1		10/05/18 20:20	1634-04-4	
Naphthalene	**<0.48**	ug/L	1.6	0.48	1		10/05/18 20:20	91-20-3	
n-Propylbenzene	**<0.10**	ug/L	0.34	0.10	1		10/05/18 20:20	103-65-1	
Styrene	**<0.19**	ug/L	0.62	0.19	1		10/05/18 20:20	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	0.65	0.20	1		10/05/18 20:20	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 20:20	79-34-5	
Tetrachloroethene	**31.1**	ug/L	0.57	0.17	1		10/05/18 20:20	127-18-4	
Tetrahydrofuran	**<2.2**	ug/L	7.4	2.2	1		10/05/18 20:20	109-99-9	
Toluene	**<0.083**	ug/L	0.28	0.083	1		10/05/18 20:20	108-88-3	
1,2,3-Trichlorobenzene	**<0.21**	ug/L	0.69	0.21	1		10/05/18 20:20	87-61-6	
1,2,4-Trichlorobenzene	**<0.20**	ug/L	0.66	0.20	1		10/05/18 20:20	120-82-1	
1,1,1-Trichloroethane	**<0.14**	ug/L	0.45	0.14	1		10/05/18 20:20	71-55-6	
1,1,2-Trichloroethane	**<0.18**	ug/L	0.60	0.18	1		10/05/18 20:20	79-00-5	
Trichloroethene	**8.7**	ug/L	0.50	0.15	1		10/05/18 20:20	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/L	0.77	0.23	1		10/05/18 20:20	75-69-4	
1,2,3-Trichloropropane	**<0.26**	ug/L	0.86	0.26	1		10/05/18 20:20	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.22**	ug/L	0.72	0.22	1		10/05/18 20:20	76-13-1	
1,2,4-Trimethylbenzene	**<0.20**	ug/L	0.65	0.20	1		10/05/18 20:20	95-63-6	
1,3,5-Trimethylbenzene	**<0.12**	ug/L	0.41	0.12	1		10/05/18 20:20	108-67-8	
Vinyl chloride	**<0.092**	ug/L	0.31	0.092	1		10/05/18 20:20	75-01-4	
Xylene (Total)	**<0.31**	ug/L	1.0	0.31	1		10/05/18 20:20	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%.	75-125		1		10/05/18 20:20	17060-07-0	
Toluene-d8 (S)	101	%.	75-125		1		10/05/18 20:20	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	75-125		1		10/05/18 20:20	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Sample: MW-16S **Lab ID: 10449412019** Collected: 09/27/18 08:40 Received: 09/27/18 19:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Acetone	**<9.2**	ug/L	30.8	9.2	1		10/05/18 20:37	67-64-1	
Allyl chloride	**<0.29**	ug/L	0.97	0.29	1		10/05/18 20:37	107-05-1	
Benzene	**<0.10**	ug/L	0.34	0.10	1		10/05/18 20:37	71-43-2	
Bromobenzene	**<0.21**	ug/L	0.69	0.21	1		10/05/18 20:37	108-86-1	
Bromochloromethane	**<0.27**	ug/L	0.91	0.27	1		10/05/18 20:37	74-97-5	
Bromodichloromethane	**<0.22**	ug/L	0.72	0.22	1		10/05/18 20:37	75-27-4	
Bromoform	**<0.80**	ug/L	2.7	0.80	1		10/05/18 20:37	75-25-2	
Bromomethane	**<1.8**	ug/L	6.1	1.8	1		10/05/18 20:37	74-83-9	
2-Butanone (MEK)	**<0.99**	ug/L	3.3	0.99	1		10/05/18 20:37	78-93-3	
n-Butylbenzene	**<0.24**	ug/L	0.80	0.24	1		10/05/18 20:37	104-51-8	
sec-Butylbenzene	**<0.15**	ug/L	0.50	0.15	1		10/05/18 20:37	135-98-8	
tert-Butylbenzene	**<0.15**	ug/L	0.49	0.15	1		10/05/18 20:37	98-06-6	
Carbon tetrachloride	**<0.19**	ug/L	0.63	0.19	1		10/05/18 20:37	56-23-5	
Chlorobenzene	**<0.17**	ug/L	0.57	0.17	1		10/05/18 20:37	108-90-7	
Chloroethane	**<0.49**	ug/L	1.6	0.49	1		10/05/18 20:37	75-00-3	
Chloroform	**<0.45**	ug/L	1.5	0.45	1		10/05/18 20:37	67-66-3	
Chloromethane	**<0.16**	ug/L	0.52	0.16	1		10/05/18 20:37	74-87-3	
2-Chlorotoluene	**<0.16**	ug/L	0.54	0.16	1		10/05/18 20:37	95-49-8	
4-Chlorotoluene	**<0.13**	ug/L	0.45	0.13	1		10/05/18 20:37	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.5	1.7	1		10/05/18 20:37	96-12-8	
Dibromochloromethane	**<0.12**	ug/L	0.41	0.12	1		10/05/18 20:37	124-48-1	
1,2-Dibromoethane (EDB)	**<0.24**	ug/L	0.80	0.24	1		10/05/18 20:37	106-93-4	
Dibromomethane	**<0.16**	ug/L	0.54	0.16	1		10/05/18 20:37	74-95-3	
1,2-Dichlorobenzene	**<0.14**	ug/L	0.46	0.14	1		10/05/18 20:37	95-50-1	
1,3-Dichlorobenzene	**<0.16**	ug/L	0.54	0.16	1		10/05/18 20:37	541-73-1	
1,4-Dichlorobenzene	**<0.17**	ug/L	0.56	0.17	1		10/05/18 20:37	106-46-7	
Dichlorodifluoromethane	**<0.23**	ug/L	0.78	0.23	1		10/05/18 20:37	75-71-8	
1,1-Dichloroethane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 20:37	75-34-3	
1,2-Dichloroethane	**<0.22**	ug/L	0.73	0.22	1		10/05/18 20:37	107-06-2	
1,1-Dichloroethene	**<0.16**	ug/L	0.53	0.16	1		10/05/18 20:37	75-35-4	
cis-1,2-Dichloroethene	**0.86**	ug/L	0.51	0.15	1		10/05/18 20:37	156-59-2	
trans-1,2-Dichloroethene	**<0.12**	ug/L	0.39	0.12	1		10/05/18 20:37	156-60-5	
Dichlorofluoromethane	**<0.14**	ug/L	0.47	0.14	1		10/05/18 20:37	75-43-4	N2
1,2-Dichloropropane	**<0.16**	ug/L	0.55	0.16	1		10/05/18 20:37	78-87-5	
1,3-Dichloropropane	**<0.070**	ug/L	0.23	0.070	1		10/05/18 20:37	142-28-9	
2,2-Dichloropropane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 20:37	594-20-7	
1,1-Dichloropropene	**<0.20**	ug/L	0.66	0.20	1		10/05/18 20:37	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	0.68	0.20	1		10/05/18 20:37	10061-01-5	
trans-1,3-Dichloropropene	**<0.18**	ug/L	0.61	0.18	1		10/05/18 20:37	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.095**	ug/L	0.32	0.095	1		10/05/18 20:37	60-29-7	
Ethylbenzene	**<0.14**	ug/L	0.46	0.14	1		10/05/18 20:37	100-41-4	
Hexachloro-1,3-butadiene	**<0.31**	ug/L	1.0	0.31	1		10/05/18 20:37	87-68-3	
Isopropylbenzene (Cumene)	**<0.18**	ug/L	0.62	0.18	1		10/05/18 20:37	98-82-8	
p-Isopropyltoluene	**<0.15**	ug/L	0.51	0.15	1		10/05/18 20:37	99-87-6	
Methylene Chloride	**<0.98**	ug/L	3.3	0.98	1		10/05/18 20:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.42**	ug/L	1.4	0.42	1		10/05/18 20:37	108-10-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Sample: MW-16S **Lab ID: 10449412019** Collected: 09/27/18 08:40 Received: 09/27/18 19:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**<0.16**	ug/L	0.54	0.16	1		10/05/18 20:37	1634-04-4	
Naphthalene	**<0.48**	ug/L	1.6	0.48	1		10/05/18 20:37	91-20-3	
n-Propylbenzene	**<0.10**	ug/L	0.34	0.10	1		10/05/18 20:37	103-65-1	
Styrene	**<0.19**	ug/L	0.62	0.19	1		10/05/18 20:37	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	0.65	0.20	1		10/05/18 20:37	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 20:37	79-34-5	
Tetrachloroethene	**8.2**	ug/L	0.57	0.17	1		10/05/18 20:37	127-18-4	
Tetrahydrofuran	**<2.2**	ug/L	7.4	2.2	1		10/05/18 20:37	109-99-9	
Toluene	**<0.083**	ug/L	0.28	0.083	1		10/05/18 20:37	108-88-3	
1,2,3-Trichlorobenzene	**<0.21**	ug/L	0.69	0.21	1		10/05/18 20:37	87-61-6	
1,2,4-Trichlorobenzene	**<0.20**	ug/L	0.66	0.20	1		10/05/18 20:37	120-82-1	
1,1,1-Trichloroethane	**<0.14**	ug/L	0.45	0.14	1		10/05/18 20:37	71-55-6	
1,1,2-Trichloroethane	**<0.18**	ug/L	0.60	0.18	1		10/05/18 20:37	79-00-5	
Trichloroethene	**4.9**	ug/L	0.50	0.15	1		10/05/18 20:37	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/L	0.77	0.23	1		10/05/18 20:37	75-69-4	
1,2,3-Trichloropropane	**<0.26**	ug/L	0.86	0.26	1		10/05/18 20:37	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.22**	ug/L	0.72	0.22	1		10/05/18 20:37	76-13-1	
1,2,4-Trimethylbenzene	**<0.20**	ug/L	0.65	0.20	1		10/05/18 20:37	95-63-6	
1,3,5-Trimethylbenzene	**<0.12**	ug/L	0.41	0.12	1		10/05/18 20:37	108-67-8	
Vinyl chloride	**<0.092**	ug/L	0.31	0.092	1		10/05/18 20:37	75-01-4	
Xylene (Total)	**<0.31**	ug/L	1.0	0.31	1		10/05/18 20:37	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	105	%.	75-125		1		10/05/18 20:37	17060-07-0	
Toluene-d8 (S)	100	%.	75-125		1		10/05/18 20:37	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	75-125		1		10/05/18 20:37	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Sample: MW-16D **Lab ID: 10449412020** Collected: 09/27/18 08:15 Received: 09/27/18 19:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Acetone	**12.1J**	ug/L	30.8	9.2	1		10/05/18 20:55	67-64-1	
Allyl chloride	**<0.29**	ug/L	0.97	0.29	1		10/05/18 20:55	107-05-1	
Benzene	**<0.10**	ug/L	0.34	0.10	1		10/05/18 20:55	71-43-2	
Bromobenzene	**<0.21**	ug/L	0.69	0.21	1		10/05/18 20:55	108-86-1	
Bromochloromethane	**<0.27**	ug/L	0.91	0.27	1		10/05/18 20:55	74-97-5	
Bromodichloromethane	**<0.22**	ug/L	0.72	0.22	1		10/05/18 20:55	75-27-4	
Bromoform	**<0.80**	ug/L	2.7	0.80	1		10/05/18 20:55	75-25-2	
Bromomethane	**<1.8**	ug/L	6.1	1.8	1		10/05/18 20:55	74-83-9	
2-Butanone (MEK)	**<0.99**	ug/L	3.3	0.99	1		10/05/18 20:55	78-93-3	
n-Butylbenzene	**<0.24**	ug/L	0.80	0.24	1		10/05/18 20:55	104-51-8	
sec-Butylbenzene	**<0.15**	ug/L	0.50	0.15	1		10/05/18 20:55	135-98-8	
tert-Butylbenzene	**<0.15**	ug/L	0.49	0.15	1		10/05/18 20:55	98-06-6	
Carbon tetrachloride	**<0.19**	ug/L	0.63	0.19	1		10/05/18 20:55	56-23-5	
Chlorobenzene	**<0.17**	ug/L	0.57	0.17	1		10/05/18 20:55	108-90-7	
Chloroethane	**<0.49**	ug/L	1.6	0.49	1		10/05/18 20:55	75-00-3	
Chloroform	**<0.45**	ug/L	1.5	0.45	1		10/05/18 20:55	67-66-3	
Chloromethane	**<0.16**	ug/L	0.52	0.16	1		10/05/18 20:55	74-87-3	
2-Chlorotoluene	**<0.16**	ug/L	0.54	0.16	1		10/05/18 20:55	95-49-8	
4-Chlorotoluene	**<0.13**	ug/L	0.45	0.13	1		10/05/18 20:55	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.5	1.7	1		10/05/18 20:55	96-12-8	
Dibromochloromethane	**<0.12**	ug/L	0.41	0.12	1		10/05/18 20:55	124-48-1	
1,2-Dibromoethane (EDB)	**<0.24**	ug/L	0.80	0.24	1		10/05/18 20:55	106-93-4	
Dibromomethane	**<0.16**	ug/L	0.54	0.16	1		10/05/18 20:55	74-95-3	
1,2-Dichlorobenzene	**<0.14**	ug/L	0.46	0.14	1		10/05/18 20:55	95-50-1	
1,3-Dichlorobenzene	**<0.16**	ug/L	0.54	0.16	1		10/05/18 20:55	541-73-1	
1,4-Dichlorobenzene	**<0.17**	ug/L	0.56	0.17	1		10/05/18 20:55	106-46-7	
Dichlorodifluoromethane	**<0.23**	ug/L	0.78	0.23	1		10/05/18 20:55	75-71-8	
1,1-Dichloroethane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 20:55	75-34-3	
1,2-Dichloroethane	**0.40J**	ug/L	0.73	0.22	1		10/05/18 20:55	107-06-2	
1,1-Dichloroethene	**<0.16**	ug/L	0.53	0.16	1		10/05/18 20:55	75-35-4	
cis-1,2-Dichloroethene	**11.5**	ug/L	0.51	0.15	1		10/05/18 20:55	156-59-2	
trans-1,2-Dichloroethene	**1.8**	ug/L	0.39	0.12	1		10/05/18 20:55	156-60-5	
Dichlorofluoromethane	**<0.14**	ug/L	0.47	0.14	1		10/05/18 20:55	75-43-4	N2
1,2-Dichloropropane	**<0.16**	ug/L	0.55	0.16	1		10/05/18 20:55	78-87-5	
1,3-Dichloropropane	**<0.070**	ug/L	0.23	0.070	1		10/05/18 20:55	142-28-9	
2,2-Dichloropropane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 20:55	594-20-7	
1,1-Dichloropropene	**<0.20**	ug/L	0.66	0.20	1		10/05/18 20:55	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	0.68	0.20	1		10/05/18 20:55	10061-01-5	
trans-1,3-Dichloropropene	**<0.18**	ug/L	0.61	0.18	1		10/05/18 20:55	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.095**	ug/L	0.32	0.095	1		10/05/18 20:55	60-29-7	
Ethylbenzene	**<0.14**	ug/L	0.46	0.14	1		10/05/18 20:55	100-41-4	
Hexachloro-1,3-butadiene	**<0.31**	ug/L	1.0	0.31	1		10/05/18 20:55	87-68-3	
Isopropylbenzene (Cumene)	**<0.18**	ug/L	0.62	0.18	1		10/05/18 20:55	98-82-8	
p-Isopropyltoluene	**<0.15**	ug/L	0.51	0.15	1		10/05/18 20:55	99-87-6	
Methylene Chloride	**<0.98**	ug/L	3.3	0.98	1		10/05/18 20:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.42**	ug/L	1.4	0.42	1		10/05/18 20:55	108-10-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Sample: MW-16D **Lab ID: 10449412020** Collected: 09/27/18 08:15 Received: 09/27/18 19:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**<0.16**	ug/L	0.54	0.16	1		10/05/18 20:55	1634-04-4	
Naphthalene	**<0.48**	ug/L	1.6	0.48	1		10/05/18 20:55	91-20-3	
n-Propylbenzene	**<0.10**	ug/L	0.34	0.10	1		10/05/18 20:55	103-65-1	
Styrene	**<0.19**	ug/L	0.62	0.19	1		10/05/18 20:55	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	0.65	0.20	1		10/05/18 20:55	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 20:55	79-34-5	
Tetrachloroethene	**4.6**	ug/L	0.57	0.17	1		10/05/18 20:55	127-18-4	
Tetrahydrofuran	**<2.2**	ug/L	7.4	2.2	1		10/05/18 20:55	109-99-9	
Toluene	**<0.083**	ug/L	0.28	0.083	1		10/05/18 20:55	108-88-3	
1,2,3-Trichlorobenzene	**<0.21**	ug/L	0.69	0.21	1		10/05/18 20:55	87-61-6	
1,2,4-Trichlorobenzene	**<0.20**	ug/L	0.66	0.20	1		10/05/18 20:55	120-82-1	
1,1,1-Trichloroethane	**<0.14**	ug/L	0.45	0.14	1		10/05/18 20:55	71-55-6	
1,1,2-Trichloroethane	**<0.18**	ug/L	0.60	0.18	1		10/05/18 20:55	79-00-5	
Trichloroethene	**38.7**	ug/L	0.50	0.15	1		10/05/18 20:55	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/L	0.77	0.23	1		10/05/18 20:55	75-69-4	
1,2,3-Trichloropropane	**<0.26**	ug/L	0.86	0.26	1		10/05/18 20:55	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.22**	ug/L	0.72	0.22	1		10/05/18 20:55	76-13-1	
1,2,4-Trimethylbenzene	**<0.20**	ug/L	0.65	0.20	1		10/05/18 20:55	95-63-6	
1,3,5-Trimethylbenzene	**<0.12**	ug/L	0.41	0.12	1		10/05/18 20:55	108-67-8	
Vinyl chloride	**<0.092**	ug/L	0.31	0.092	1		10/05/18 20:55	75-01-4	
Xylene (Total)	**<0.31**	ug/L	1.0	0.31	1		10/05/18 20:55	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	104	%.	75-125		1		10/05/18 20:55	17060-07-0	
Toluene-d8 (S)	100	%.	75-125		1		10/05/18 20:55	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	75-125		1		10/05/18 20:55	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Sample: Trip Blank **Lab ID: 10449412021** Collected: Received: 09/27/18 19:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Acetone	**<9.2**	ug/L	30.8	9.2	1		10/05/18 15:40	67-64-1	
Allyl chloride	**<0.29**	ug/L	0.97	0.29	1		10/05/18 15:40	107-05-1	
Benzene	**<0.10**	ug/L	0.34	0.10	1		10/05/18 15:40	71-43-2	
Bromobenzene	**<0.21**	ug/L	0.69	0.21	1		10/05/18 15:40	108-86-1	
Bromochloromethane	**<0.27**	ug/L	0.91	0.27	1		10/05/18 15:40	74-97-5	
Bromodichloromethane	**<0.22**	ug/L	0.72	0.22	1		10/05/18 15:40	75-27-4	
Bromoform	**<0.80**	ug/L	2.7	0.80	1		10/05/18 15:40	75-25-2	
Bromomethane	**<1.8**	ug/L	6.1	1.8	1		10/05/18 15:40	74-83-9	
2-Butanone (MEK)	**<0.99**	ug/L	3.3	0.99	1		10/05/18 15:40	78-93-3	
n-Butylbenzene	**<0.24**	ug/L	0.80	0.24	1		10/05/18 15:40	104-51-8	
sec-Butylbenzene	**<0.15**	ug/L	0.50	0.15	1		10/05/18 15:40	135-98-8	
tert-Butylbenzene	**<0.15**	ug/L	0.49	0.15	1		10/05/18 15:40	98-06-6	
Carbon tetrachloride	**<0.19**	ug/L	0.63	0.19	1		10/05/18 15:40	56-23-5	
Chlorobenzene	**<0.17**	ug/L	0.57	0.17	1		10/05/18 15:40	108-90-7	
Chloroethane	**<0.49**	ug/L	1.6	0.49	1		10/05/18 15:40	75-00-3	
Chloroform	**<0.45**	ug/L	1.5	0.45	1		10/05/18 15:40	67-66-3	
Chloromethane	**<0.16**	ug/L	0.52	0.16	1		10/05/18 15:40	74-87-3	
2-Chlorotoluene	**<0.16**	ug/L	0.54	0.16	1		10/05/18 15:40	95-49-8	
4-Chlorotoluene	**<0.13**	ug/L	0.45	0.13	1		10/05/18 15:40	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.5	1.7	1		10/05/18 15:40	96-12-8	
Dibromochloromethane	**<0.12**	ug/L	0.41	0.12	1		10/05/18 15:40	124-48-1	
1,2-Dibromoethane (EDB)	**<0.24**	ug/L	0.80	0.24	1		10/05/18 15:40	106-93-4	
Dibromomethane	**<0.16**	ug/L	0.54	0.16	1		10/05/18 15:40	74-95-3	
1,2-Dichlorobenzene	**<0.14**	ug/L	0.46	0.14	1		10/05/18 15:40	95-50-1	
1,3-Dichlorobenzene	**<0.16**	ug/L	0.54	0.16	1		10/05/18 15:40	541-73-1	
1,4-Dichlorobenzene	**<0.17**	ug/L	0.56	0.17	1		10/05/18 15:40	106-46-7	
Dichlorodifluoromethane	**<0.23**	ug/L	0.78	0.23	1		10/05/18 15:40	75-71-8	
1,1-Dichloroethane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 15:40	75-34-3	
1,2-Dichloroethane	**<0.22**	ug/L	0.73	0.22	1		10/05/18 15:40	107-06-2	
1,1-Dichloroethene	**<0.16**	ug/L	0.53	0.16	1		10/05/18 15:40	75-35-4	
cis-1,2-Dichloroethene	**<0.15**	ug/L	0.51	0.15	1		10/05/18 15:40	156-59-2	
trans-1,2-Dichloroethene	**<0.12**	ug/L	0.39	0.12	1		10/05/18 15:40	156-60-5	
Dichlorofluoromethane	**<0.14**	ug/L	0.47	0.14	1		10/05/18 15:40	75-43-4	N2
1,2-Dichloropropane	**<0.16**	ug/L	0.55	0.16	1		10/05/18 15:40	78-87-5	
1,3-Dichloropropane	**<0.070**	ug/L	0.23	0.070	1		10/05/18 15:40	142-28-9	
2,2-Dichloropropane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 15:40	594-20-7	
1,1-Dichloropropene	**<0.20**	ug/L	0.66	0.20	1		10/05/18 15:40	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	0.68	0.20	1		10/05/18 15:40	10061-01-5	
trans-1,3-Dichloropropene	**<0.18**	ug/L	0.61	0.18	1		10/05/18 15:40	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.095**	ug/L	0.32	0.095	1		10/05/18 15:40	60-29-7	
Ethylbenzene	**<0.14**	ug/L	0.46	0.14	1		10/05/18 15:40	100-41-4	
Hexachloro-1,3-butadiene	**<0.31**	ug/L	1.0	0.31	1		10/05/18 15:40	87-68-3	
Isopropylbenzene (Cumene)	**<0.18**	ug/L	0.62	0.18	1		10/05/18 15:40	98-82-8	
p-Isopropyltoluene	**<0.15**	ug/L	0.51	0.15	1		10/05/18 15:40	99-87-6	
Methylene Chloride	**1.8J**	ug/L	3.3	0.98	1		10/05/18 15:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.42**	ug/L	1.4	0.42	1		10/05/18 15:40	108-10-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Sample: Trip Blank **Lab ID: 10449412021** Collected: Received: 09/27/18 19:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**<0.16**	ug/L	0.54	0.16	1		10/05/18 15:40	1634-04-4	
Naphthalene	**<0.48**	ug/L	1.6	0.48	1		10/05/18 15:40	91-20-3	
n-Propylbenzene	**<0.10**	ug/L	0.34	0.10	1		10/05/18 15:40	103-65-1	
Styrene	**<0.19**	ug/L	0.62	0.19	1		10/05/18 15:40	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	0.65	0.20	1		10/05/18 15:40	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.17**	ug/L	0.57	0.17	1		10/05/18 15:40	79-34-5	
Tetrachloroethene	**<0.17**	ug/L	0.57	0.17	1		10/05/18 15:40	127-18-4	
Tetrahydrofuran	**<2.2**	ug/L	7.4	2.2	1		10/05/18 15:40	109-99-9	
Toluene	**<0.083**	ug/L	0.28	0.083	1		10/05/18 15:40	108-88-3	
1,2,3-Trichlorobenzene	**<0.21**	ug/L	0.69	0.21	1		10/05/18 15:40	87-61-6	
1,2,4-Trichlorobenzene	**<0.20**	ug/L	0.66	0.20	1		10/05/18 15:40	120-82-1	
1,1,1-Trichloroethane	**<0.14**	ug/L	0.45	0.14	1		10/05/18 15:40	71-55-6	
1,1,2-Trichloroethane	**<0.18**	ug/L	0.60	0.18	1		10/05/18 15:40	79-00-5	
Trichloroethene	**<0.15**	ug/L	0.50	0.15	1		10/05/18 15:40	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/L	0.77	0.23	1		10/05/18 15:40	75-69-4	
1,2,3-Trichloropropane	**<0.26**	ug/L	0.86	0.26	1		10/05/18 15:40	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.22**	ug/L	0.72	0.22	1		10/05/18 15:40	76-13-1	
1,2,4-Trimethylbenzene	**<0.20**	ug/L	0.65	0.20	1		10/05/18 15:40	95-63-6	
1,3,5-Trimethylbenzene	**<0.12**	ug/L	0.41	0.12	1		10/05/18 15:40	108-67-8	
Vinyl chloride	**<0.092**	ug/L	0.31	0.092	1		10/05/18 15:40	75-01-4	
Xylene (Total)	**<0.31**	ug/L	1.0	0.31	1		10/05/18 15:40	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%.	75-125		1		10/05/18 15:40	17060-07-0	
Toluene-d8 (S)	101	%.	75-125		1		10/05/18 15:40	2037-26-5	
4-Bromofluorobenzene (S)	106	%.	75-125		1		10/05/18 15:40	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

QC Batch: 567273 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260B MSV 465 W
Associated Lab Samples: 10449412001, 10449412002, 10449412003, 10449412004, 10449412005, 10449412006, 10449412007

METHOD BLANK: 3077903 Matrix: Water
Associated Lab Samples: 10449412001, 10449412002, 10449412003, 10449412004, 10449412005, 10449412006, 10449412007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.20	0.65	10/05/18 01:31	
1,1,1-Trichloroethane	ug/L	<0.14	0.45	10/05/18 01:31	
1,1,2,2-Tetrachloroethane	ug/L	<0.17	0.57	10/05/18 01:31	
1,1,2-Trichloroethane	ug/L	<0.18	0.60	10/05/18 01:31	
1,1,2-Trichlorotrifluoroethane	ug/L	<0.22	0.72	10/05/18 01:31	
1,1-Dichloroethane	ug/L	<0.17	0.57	10/05/18 01:31	
1,1-Dichloroethene	ug/L	<0.16	0.53	10/05/18 01:31	
1,1-Dichloropropene	ug/L	<0.20	0.66	10/05/18 01:31	
1,2,3-Trichlorobenzene	ug/L	<0.21	0.69	10/05/18 01:31	
1,2,3-Trichloropropane	ug/L	<0.26	0.86	10/05/18 01:31	
1,2,4-Trichlorobenzene	ug/L	<0.20	0.66	10/05/18 01:31	
1,2,4-Trimethylbenzene	ug/L	<0.20	0.65	10/05/18 01:31	
1,2-Dibromo-3-chloropropane	ug/L	<1.7	5.5	10/05/18 01:31	
1,2-Dibromoethane (EDB)	ug/L	<0.24	0.80	10/05/18 01:31	
1,2-Dichlorobenzene	ug/L	<0.14	0.46	10/05/18 01:31	
1,2-Dichloroethane	ug/L	<0.22	0.73	10/05/18 01:31	
1,2-Dichloropropane	ug/L	<0.16	0.55	10/05/18 01:31	
1,3,5-Trimethylbenzene	ug/L	<0.12	0.41	10/05/18 01:31	
1,3-Dichlorobenzene	ug/L	<0.16	0.54	10/05/18 01:31	
1,3-Dichloropropane	ug/L	<0.070	0.23	10/05/18 01:31	
1,4-Dichlorobenzene	ug/L	<0.17	0.56	10/05/18 01:31	
2,2-Dichloropropane	ug/L	<0.17	0.57	10/05/18 01:31	
2-Butanone (MEK)	ug/L	<0.99	3.3	10/05/18 01:31	
2-Chlorotoluene	ug/L	<0.16	0.54	10/05/18 01:31	
4-Chlorotoluene	ug/L	<0.13	0.45	10/05/18 01:31	
4-Methyl-2-pentanone (MIBK)	ug/L	<0.42	1.4	10/05/18 01:31	
Acetone	ug/L	<9.2	30.8	10/05/18 01:31	
Allyl chloride	ug/L	<0.29	0.97	10/05/18 01:31	
Benzene	ug/L	<0.10	0.34	10/05/18 01:31	
Bromobenzene	ug/L	<0.21	0.69	10/05/18 01:31	
Bromochloromethane	ug/L	<0.27	0.91	10/05/18 01:31	
Bromodichloromethane	ug/L	<0.22	0.72	10/05/18 01:31	
Bromoform	ug/L	<0.80	2.7	10/05/18 01:31	
Bromomethane	ug/L	<1.8	6.1	10/05/18 01:31	
Carbon tetrachloride	ug/L	<0.19	0.63	10/05/18 01:31	
Chlorobenzene	ug/L	<0.17	0.57	10/05/18 01:31	
Chloroethane	ug/L	<0.49	1.6	10/05/18 01:31	
Chloroform	ug/L	<0.45	1.5	10/05/18 01:31	MN
Chloromethane	ug/L	<0.16	0.52	10/05/18 01:31	
cis-1,2-Dichloroethene	ug/L	<0.15	0.51	10/05/18 01:31	
cis-1,3-Dichloropropene	ug/L	<0.20	0.68	10/05/18 01:31	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

METHOD BLANK: 3077903 Matrix: Water
Associated Lab Samples: 10449412001, 10449412002, 10449412003, 10449412004, 10449412005, 10449412006, 10449412007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	<0.12	0.41	10/05/18 01:31	
Dibromomethane	ug/L	<0.16	0.54	10/05/18 01:31	
Dichlorodifluoromethane	ug/L	<0.23	0.78	10/05/18 01:31	
Dichlorofluoromethane	ug/L	<0.14	0.47	10/05/18 01:31	N2
Diethyl ether (Ethyl ether)	ug/L	<0.095	0.32	10/05/18 01:31	
Ethylbenzene	ug/L	<0.14	0.46	10/05/18 01:31	
Hexachloro-1,3-butadiene	ug/L	<0.31	1.0	10/05/18 01:31	
Isopropylbenzene (Cumene)	ug/L	<0.18	0.62	10/05/18 01:31	
Methyl-tert-butyl ether	ug/L	<0.16	0.54	10/05/18 01:31	
Methylene Chloride	ug/L	6.2	3.3	10/05/18 01:31	CH,P8
n-Butylbenzene	ug/L	<0.24	0.80	10/05/18 01:31	
n-Propylbenzene	ug/L	<0.10	0.34	10/05/18 01:31	
Naphthalene	ug/L	<0.48	1.6	10/05/18 01:31	
p-Isopropyltoluene	ug/L	<0.15	0.51	10/05/18 01:31	
sec-Butylbenzene	ug/L	<0.15	0.50	10/05/18 01:31	
Styrene	ug/L	<0.19	0.62	10/05/18 01:31	
tert-Butylbenzene	ug/L	<0.15	0.49	10/05/18 01:31	
Tetrachloroethene	ug/L	<0.17	0.57	10/05/18 01:31	
Tetrahydrofuran	ug/L	<2.2	7.4	10/05/18 01:31	
Toluene	ug/L	<0.083	0.28	10/05/18 01:31	
trans-1,2-Dichloroethene	ug/L	<0.12	0.39	10/05/18 01:31	
trans-1,3-Dichloropropene	ug/L	<0.18	0.61	10/05/18 01:31	
Trichloroethene	ug/L	<0.15	0.50	10/05/18 01:31	
Trichlorofluoromethane	ug/L	<0.23	0.77	10/05/18 01:31	
Vinyl chloride	ug/L	<0.092	0.31	10/05/18 01:31	
Xylene (Total)	ug/L	<0.31	1.0	10/05/18 01:31	
1,2-Dichloroethane-d4 (S)	%.	99	75-125	10/05/18 01:31	
4-Bromofluorobenzene (S)	%.	100	75-125	10/05/18 01:31	
Toluene-d8 (S)	%.	100	75-125	10/05/18 01:31	

LABORATORY CONTROL SAMPLE: 3077904

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	22.0	110	75-125	
1,1,1-Trichloroethane	ug/L	20	18.5	93	75-125	
1,1,2,2-Tetrachloroethane	ug/L	20	21.2	106	75-129	
1,1,2-Trichloroethane	ug/L	20	19.4	97	75-125	
1,1,2-Trichlorotrifluoroethane	ug/L	20	18.6	93	74-125	
1,1-Dichloroethane	ug/L	20	18.8	94	75-127	
1,1-Dichloroethene	ug/L	20	18.5	93	73-125	
1,1-Dichloropropene	ug/L	20	18.7	93	75-125	
1,2,3-Trichlorobenzene	ug/L	20	19.9	99	74-126	
1,2,3-Trichloropropane	ug/L	20	20.3	101	75-125	
1,2,4-Trichlorobenzene	ug/L	20	19.4	97	75-125	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

LABORATORY CONTROL SAMPLE: 3077904

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/L	20	20.2	101	75-125	
1,2-Dibromo-3-chloropropane	ug/L	50	46.8	94	64-129	
1,2-Dibromoethane (EDB)	ug/L	20	18.2	91	75-125	
1,2-Dichlorobenzene	ug/L	20	20.2	101	75-125	
1,2-Dichloroethane	ug/L	20	18.2	91	74-125	
1,2-Dichloropropane	ug/L	20	19.0	95	75-125	
1,3,5-Trimethylbenzene	ug/L	20	20.6	103	75-125	
1,3-Dichlorobenzene	ug/L	20	19.4	97	75-125	
1,3-Dichloropropane	ug/L	20	20.7	104	75-125	
1,4-Dichlorobenzene	ug/L	20	19.7	99	75-125	
2,2-Dichloropropane	ug/L	20	18.7	94	70-125	
2-Butanone (MEK)	ug/L	100	101	101	57-130	
2-Chlorotoluene	ug/L	20	19.9	100	75-125	
4-Chlorotoluene	ug/L	20	20.1	101	75-125	
4-Methyl-2-pentanone (MIBK)	ug/L	100	107	107	69-137	
Acetone	ug/L	100	98.0	98	32-150	
Allyl chloride	ug/L	20	17.3	86	64-135	
Benzene	ug/L	20	18.6	93	75-126	
Bromobenzene	ug/L	20	19.1	96	75-125	
Bromochloromethane	ug/L	20	21.1	106	75-126	
Bromodichloromethane	ug/L	20	19.4	97	75-125	
Bromoform	ug/L	20	19.7	99	67-125	
Bromomethane	ug/L	20	16.7	83	30-150	
Carbon tetrachloride	ug/L	20	18.4	92	75-125	
Chlorobenzene	ug/L	20	19.1	96	75-125	
Chloroethane	ug/L	20	20.1	101	64-142	
Chloroform	ug/L	20	17.8	89	75-125	
Chloromethane	ug/L	20	18.4	92	40-150	
cis-1,2-Dichloroethene	ug/L	20	19.5	97	75-125	
cis-1,3-Dichloropropene	ug/L	20	19.8	99	75-125	
Dibromochloromethane	ug/L	20	19.6	98	75-125	
Dibromomethane	ug/L	20	19.7	99	75-125	
Dichlorodifluoromethane	ug/L	20	20.0	100	61-132	
Dichlorofluoromethane	ug/L	20	20.7	103	75-129	N2
Diethyl ether (Ethyl ether)	ug/L	20	19.4	97	74-125	
Ethylbenzene	ug/L	20	19.5	97	75-125	
Hexachloro-1,3-butadiene	ug/L	20	20.8	104	75-125	
Isopropylbenzene (Cumene)	ug/L	20	18.0	90	75-125	
Methyl-tert-butyl ether	ug/L	20	20.0	100	73-129	
Methylene Chloride	ug/L	20	54.0	270	72-125	CH,L3
n-Butylbenzene	ug/L	20	19.1	96	75-125	
n-Propylbenzene	ug/L	20	20.4	102	75-125	
Naphthalene	ug/L	20	19.1	95	65-126	
p-Isopropyltoluene	ug/L	20	19.1	96	75-125	
sec-Butylbenzene	ug/L	20	18.6	93	75-125	
Styrene	ug/L	20	18.5	93	75-125	
tert-Butylbenzene	ug/L	20	21.1	105	75-125	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

LABORATORY CONTROL SAMPLE: 3077904

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Tetrachloroethene	ug/L	20	18.2	91	75-125	
Tetrahydrofuran	ug/L	200	200	100	30-150	
Toluene	ug/L	20	18.6	93	74-125	
trans-1,2-Dichloroethene	ug/L	20	17.6	88	70-126	
trans-1,3-Dichloropropene	ug/L	20	20.7	103	75-125	
Trichloroethene	ug/L	20	19.9	100	75-125	
Trichlorofluoromethane	ug/L	20	21.2	106	71-131	
Vinyl chloride	ug/L	20	19.0	95	65-137	
Xylene (Total)	ug/L	60	60.1	100	75-125	
1,2-Dichloroethane-d4 (S)	%.			102	75-125	
4-Bromofluorobenzene (S)	%.			98	75-125	
Toluene-d8 (S)	%.			101	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3077905 3077906

Parameter	Units	10449391024 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	14.9	17.9	75	89	69-130	18	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	13.6	16.2	68	81	72-133	18	30	M1
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	14.4	16.4	72	82	60-137	14	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	13.3	15.6	66	78	70-128	16	30	M1
1,1,2-Trichlorotrifluoroethane	ug/L	ND	20	20	13.8	16.5	69	83	64-147	18	30	
1,1-Dichloroethane	ug/L	ND	20	20	13.5	16.0	67	80	64-136	17	30	
1,1-Dichloroethene	ug/L	ND	20	20	13.6	16.4	68	82	67-139	19	30	
1,1-Dichloropropene	ug/L	ND	20	20	13.5	16.4	67	82	69-131	20	30	M1
1,2,3-Trichlorobenzene	ug/L	ND	20	20	13.7	15.6	68	78	60-138	13	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	14.6	16.1	73	81	67-129	10	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	14.0	15.8	70	79	71-125	12	30	M1
1,2,4-Trimethylbenzene	ug/L	ND	20	20	14.9	16.8	74	84	67-130	12	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	50	50	32.4	36.9	65	74	52-141	13	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	12.8	14.5	64	72	66-130	13	30	M1
1,2-Dichlorobenzene	ug/L	ND	20	20	14.1	16.0	70	80	72-126	13	30	M1
1,2-Dichloroethane	ug/L	ND	20	20	12.3	14.2	61	71	64-125	15	30	M1
1,2-Dichloropropane	ug/L	ND	20	20	13.3	15.8	66	79	65-128	17	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	15.1	17.6	76	88	63-139	15	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	13.9	16.1	69	81	70-128	15	30	M1
1,3-Dichloropropane	ug/L	ND	20	20	14.5	16.4	72	82	70-131	12	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	14.0	16.5	70	83	74-125	17	30	M1
2,2-Dichloropropane	ug/L	ND	20	20	13.2	15.8	66	79	58-137	18	30	
2-Butanone (MEK)	ug/L	ND	100	100	67.7	78.8	68	79	45-132	15	30	
2-Chlorotoluene	ug/L	ND	20	20	14.7	17.0	73	85	66-134	15	30	
4-Chlorotoluene	ug/L	ND	20	20	14.8	17.2	74	86	70-132	16	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	100	73.2	85.0	73	85	54-143	15	30	
Acetone	ug/L	ND	100	100	71.5	79.2	62	70	51-150	10	30	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3077905 3077906

Parameter	Units	10449391024 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	12.4	14.4	62	72	52-150	15	30	
Benzene	ug/L	ND	20	20	13.3	15.6	66	78	62-140	16	30	
Bromobenzene	ug/L	ND	20	20	14.1	15.7	70	78	70-128	11	30	
Bromochloromethane	ug/L	ND	20	20	14.2	16.8	71	84	65-131	17	30	
Bromodichloromethane	ug/L	ND	20	20	13.2	15.5	66	78	74-127	16	30	M1
Bromoform	ug/L	ND	20	20	13.7	15.7	68	78	59-125	14	30	
Bromomethane	ug/L	ND	20	20	18.6	17.1	93	86	30-149	8	30	
Carbon tetrachloride	ug/L	ND	20	20	13.6	16.3	68	82	67-134	18	30	
Chlorobenzene	ug/L	ND	20	20	13.5	15.8	68	79	72-131	15	30	M1
Chloroethane	ug/L	ND	20	20	20.8	17.8	104	89	55-150	16	30	
Chloroform	ug/L	ND	20	20	12.2	14.8	61	74	67-125	19	30	M1
Chloromethane	ug/L	ND	20	20	19.5	16.6	97	83	43-148	16	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	14.1	16.5	70	83	62-132	16	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	13.0	15.7	65	79	63-129	19	30	
Dibromochloromethane	ug/L	ND	20	20	13.6	15.9	68	80	67-127	15	30	
Dibromomethane	ug/L	ND	20	20	13.0	15.7	65	79	68-132	19	30	M1
Dichlorodifluoromethane	ug/L	ND	20	20	20.9	17.7	105	88	59-144	17	30	
Dichlorofluoromethane	ug/L	ND	20	20	21.3	17.7	106	88	63-144	18	30	N2
Diethyl ether (Ethyl ether)	ug/L	ND	20	20	12.8	14.9	64	75	52-139	16	30	
Ethylbenzene	ug/L	ND	20	20	14.3	16.3	71	82	75-131	13	30	M1
Hexachloro-1,3-butadiene	ug/L	ND	20	20	14.8	17.4	74	87	58-146	16	30	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	13.3	15.6	67	78	71-132	15	30	M1
Methyl-tert-butyl ether	ug/L	ND	20	20	13.7	16.1	68	80	65-130	16	30	
Methylene Chloride	ug/L	ND	20	20	12.6	15.1	61	73	66-125	18	30	CH,M0
n-Butylbenzene	ug/L	ND	20	20	14.2	16.4	71	82	57-141	14	30	
n-Propylbenzene	ug/L	ND	20	20	15.1	17.6	76	88	70-131	15	30	
Naphthalene	ug/L	ND	20	20	13.4	15.2	67	76	48-134	13	30	
p-Isopropyltoluene	ug/L	ND	20	20	14.3	16.5	71	82	66-136	14	30	
sec-Butylbenzene	ug/L	ND	20	20	14.1	16.1	70	80	69-134	13	30	
Styrene	ug/L	ND	20	20	13.2	15.2	66	76	65-134	14	30	
tert-Butylbenzene	ug/L	ND	20	20	15.4	18.1	77	90	71-130	16	30	
Tetrachloroethene	ug/L	ND	20	20	13.9	16.3	69	82	69-135	16	30	
Tetrahydrofuran	ug/L	ND	200	200	132	152	66	76	48-150	14	30	
Toluene	ug/L	ND	20	20	13.8	16.2	68	80	68-132	16	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	13.9	16.5	70	82	61-134	17	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	14.2	16.2	71	81	66-125	13	30	
Trichloroethene	ug/L	ND	20	20	14.1	16.5	71	83	64-136	16	30	
Trichlorofluoromethane	ug/L	ND	20	20	22.5	18.7	112	94	65-146	18	30	
Vinyl chloride	ug/L	ND	20	20	20.2	16.9	101	84	51-150	18	30	
Xylene (Total)	ug/L	ND	60	60	44.0	50.0	73	83	69-135	13	30	
1,2-Dichloroethane-d4 (S)	%.						98	100	75-125			
4-Bromofluorobenzene (S)	%.						102	100	75-125			
Toluene-d8 (S)	%.						102	100	75-125			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

QC Batch: 567496 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260B MSV 465 W
Associated Lab Samples: 10449412008, 10449412009, 10449412010, 10449412011, 10449412012, 10449412013, 10449412014, 10449412015, 10449412016, 10449412017, 10449412018, 10449412019, 10449412020, 10449412021

METHOD BLANK: 3079403 Matrix: Water
Associated Lab Samples: 10449412008, 10449412009, 10449412010, 10449412011, 10449412012, 10449412013, 10449412014, 10449412015, 10449412016, 10449412017, 10449412018, 10449412019, 10449412020, 10449412021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.20	0.65	10/05/18 15:05	
1,1,1-Trichloroethane	ug/L	<0.14	0.45	10/05/18 15:05	
1,1,2,2-Tetrachloroethane	ug/L	<0.17	0.57	10/05/18 15:05	
1,1,2-Trichloroethane	ug/L	<0.18	0.60	10/05/18 15:05	
1,1,2-Trichlorotrifluoroethane	ug/L	<0.22	0.72	10/05/18 15:05	
1,1-Dichloroethane	ug/L	<0.17	0.57	10/05/18 15:05	
1,1-Dichloroethene	ug/L	<0.16	0.53	10/05/18 15:05	
1,1-Dichloropropene	ug/L	<0.20	0.66	10/05/18 15:05	
1,2,3-Trichlorobenzene	ug/L	<0.21	0.69	10/05/18 15:05	
1,2,3-Trichloropropane	ug/L	<0.26	0.86	10/05/18 15:05	
1,2,4-Trichlorobenzene	ug/L	<0.20	0.66	10/05/18 15:05	
1,2,4-Trimethylbenzene	ug/L	<0.20	0.65	10/05/18 15:05	
1,2-Dibromo-3-chloropropane	ug/L	<1.7	5.5	10/05/18 15:05	
1,2-Dibromoethane (EDB)	ug/L	<0.24	0.80	10/05/18 15:05	
1,2-Dichlorobenzene	ug/L	<0.14	0.46	10/05/18 15:05	
1,2-Dichloroethane	ug/L	<0.22	0.73	10/05/18 15:05	
1,2-Dichloropropane	ug/L	<0.16	0.55	10/05/18 15:05	
1,3,5-Trimethylbenzene	ug/L	<0.12	0.41	10/05/18 15:05	
1,3-Dichlorobenzene	ug/L	<0.16	0.54	10/05/18 15:05	
1,3-Dichloropropane	ug/L	<0.070	0.23	10/05/18 15:05	
1,4-Dichlorobenzene	ug/L	<0.17	0.56	10/05/18 15:05	
2,2-Dichloropropane	ug/L	<0.17	0.57	10/05/18 15:05	
2-Butanone (MEK)	ug/L	<0.99	3.3	10/05/18 15:05	
2-Chlorotoluene	ug/L	<0.16	0.54	10/05/18 15:05	
4-Chlorotoluene	ug/L	<0.13	0.45	10/05/18 15:05	
4-Methyl-2-pentanone (MIBK)	ug/L	<0.42	1.4	10/05/18 15:05	
Acetone	ug/L	<9.2	30.8	10/05/18 15:05	
Allyl chloride	ug/L	<0.29	0.97	10/05/18 15:05	
Benzene	ug/L	<0.10	0.34	10/05/18 15:05	
Bromobenzene	ug/L	<0.21	0.69	10/05/18 15:05	
Bromochloromethane	ug/L	<0.27	0.91	10/05/18 15:05	
Bromodichloromethane	ug/L	<0.22	0.72	10/05/18 15:05	
Bromoform	ug/L	<0.80	2.7	10/05/18 15:05	
Bromomethane	ug/L	<1.8	6.1	10/05/18 15:05	
Carbon tetrachloride	ug/L	<0.19	0.63	10/05/18 15:05	
Chlorobenzene	ug/L	<0.17	0.57	10/05/18 15:05	
Chloroethane	ug/L	<0.49	1.6	10/05/18 15:05	
Chloroform	ug/L	<0.45	1.5	10/05/18 15:05	
Chloromethane	ug/L	<0.16	0.52	10/05/18 15:05	
cis-1,2-Dichloroethene	ug/L	<0.15	0.51	10/05/18 15:05	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

METHOD BLANK: 3079403 Matrix: Water

Associated Lab Samples: 10449412008, 10449412009, 10449412010, 10449412011, 10449412012, 10449412013, 10449412014, 10449412015, 10449412016, 10449412017, 10449412018, 10449412019, 10449412020, 10449412021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/L	<0.20	0.68	10/05/18 15:05	
Dibromochloromethane	ug/L	<0.12	0.41	10/05/18 15:05	
Dibromomethane	ug/L	<0.16	0.54	10/05/18 15:05	
Dichlorodifluoromethane	ug/L	<0.23	0.78	10/05/18 15:05	
Dichlorofluoromethane	ug/L	<0.14	0.47	10/05/18 15:05	N2
Diethyl ether (Ethyl ether)	ug/L	<0.095	0.32	10/05/18 15:05	
Ethylbenzene	ug/L	<0.14	0.46	10/05/18 15:05	
Hexachloro-1,3-butadiene	ug/L	<0.31	1.0	10/05/18 15:05	
Isopropylbenzene (Cumene)	ug/L	<0.18	0.62	10/05/18 15:05	
Methyl-tert-butyl ether	ug/L	<0.16	0.54	10/05/18 15:05	
Methylene Chloride	ug/L	<0.98	3.3	10/05/18 15:05	
n-Butylbenzene	ug/L	<0.24	0.80	10/05/18 15:05	
n-Propylbenzene	ug/L	<0.10	0.34	10/05/18 15:05	
Naphthalene	ug/L	<0.48	1.6	10/05/18 15:05	
p-Isopropyltoluene	ug/L	<0.15	0.51	10/05/18 15:05	
sec-Butylbenzene	ug/L	<0.15	0.50	10/05/18 15:05	
Styrene	ug/L	<0.19	0.62	10/05/18 15:05	
tert-Butylbenzene	ug/L	<0.15	0.49	10/05/18 15:05	
Tetrachloroethene	ug/L	<0.17	0.57	10/05/18 15:05	
Tetrahydrofuran	ug/L	<2.2	7.4	10/05/18 15:05	
Toluene	ug/L	<0.083	0.28	10/05/18 15:05	
trans-1,2-Dichloroethene	ug/L	<0.12	0.39	10/05/18 15:05	
trans-1,3-Dichloropropene	ug/L	<0.18	0.61	10/05/18 15:05	
Trichloroethene	ug/L	<0.15	0.50	10/05/18 15:05	
Trichlorofluoromethane	ug/L	<0.23	0.77	10/05/18 15:05	
Vinyl chloride	ug/L	<0.092	0.31	10/05/18 15:05	
Xylene (Total)	ug/L	<0.31	1.0	10/05/18 15:05	
1,2-Dichloroethane-d4 (S)	%.	101	75-125	10/05/18 15:05	
4-Bromofluorobenzene (S)	%.	103	75-125	10/05/18 15:05	
Toluene-d8 (S)	%.	100	75-125	10/05/18 15:05	

LABORATORY CONTROL SAMPLE: 3079404

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	21.4	107	75-125	
1,1,1-Trichloroethane	ug/L	20	18.7	94	75-125	
1,1,2,2-Tetrachloroethane	ug/L	20	19.6	98	75-129	
1,1,2-Trichloroethane	ug/L	20	18.8	94	75-125	
1,1,2-Trichlorotrifluoroethane	ug/L	20	18.5	93	74-125	
1,1-Dichloroethane	ug/L	20	18.6	93	75-127	
1,1-Dichloroethene	ug/L	20	18.2	91	73-125	
1,1-Dichloropropene	ug/L	20	18.8	94	75-125	
1,2,3-Trichlorobenzene	ug/L	20	17.7	89	74-126	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

LABORATORY CONTROL SAMPLE: 3079404

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichloropropane	ug/L	20	18.4	92	75-125	
1,2,4-Trichlorobenzene	ug/L	20	18.2	91	75-125	
1,2,4-Trimethylbenzene	ug/L	20	19.2	96	75-125	
1,2-Dibromo-3-chloropropane	ug/L	50	43.0	86	64-129	
1,2-Dibromoethane (EDB)	ug/L	20	17.4	87	75-125	
1,2-Dichlorobenzene	ug/L	20	18.7	94	75-125	
1,2-Dichloroethane	ug/L	20	17.6	88	74-125	
1,2-Dichloropropane	ug/L	20	18.7	93	75-125	
1,3,5-Trimethylbenzene	ug/L	20	19.8	99	75-125	
1,3-Dichlorobenzene	ug/L	20	18.5	93	75-125	
1,3-Dichloropropane	ug/L	20	19.5	97	75-125	
1,4-Dichlorobenzene	ug/L	20	19.1	95	75-125	
2,2-Dichloropropane	ug/L	20	20.0	100	70-125	
2-Butanone (MEK)	ug/L	100	94.5	94	57-130	
2-Chlorotoluene	ug/L	20	18.9	95	75-125	
4-Chlorotoluene	ug/L	20	19.1	96	75-125	
4-Methyl-2-pentanone (MIBK)	ug/L	100	102	102	69-137	
Acetone	ug/L	100	88.8	89	32-150	
Allyl chloride	ug/L	20	16.8	84	64-135	
Benzene	ug/L	20	18.4	92	75-126	
Bromobenzene	ug/L	20	18.2	91	75-125	
Bromochloromethane	ug/L	20	19.5	98	75-126	
Bromodichloromethane	ug/L	20	19.2	96	75-125	
Bromoform	ug/L	20	18.9	95	67-125	
Bromomethane	ug/L	20	15.8	79	30-150	
Carbon tetrachloride	ug/L	20	18.2	91	75-125	
Chlorobenzene	ug/L	20	18.6	93	75-125	
Chloroethane	ug/L	20	22.6	113	64-142	
Chloroform	ug/L	20	17.7	88	75-125	
Chloromethane	ug/L	20	18.9	94	40-150	
cis-1,2-Dichloroethene	ug/L	20	19.0	95	75-125	
cis-1,3-Dichloropropene	ug/L	20	19.3	96	75-125	
Dibromochloromethane	ug/L	20	18.8	94	75-125	
Dibromomethane	ug/L	20	18.6	93	75-125	
Dichlorodifluoromethane	ug/L	20	21.6	108	61-132	
Dichlorofluoromethane	ug/L	20	21.6	108	75-129	N2
Diethyl ether (Ethyl ether)	ug/L	20	18.8	94	74-125	
Ethylbenzene	ug/L	20	18.8	94	75-125	
Hexachloro-1,3-butadiene	ug/L	20	20.7	104	75-125	
Isopropylbenzene (Cumene)	ug/L	20	17.5	87	75-125	
Methyl-tert-butyl ether	ug/L	20	19.7	98	73-129	
Methylene Chloride	ug/L	20	17.4	87	72-125	
n-Butylbenzene	ug/L	20	18.9	95	75-125	
n-Propylbenzene	ug/L	20	19.8	99	75-125	
Naphthalene	ug/L	20	16.9	85	65-126	
p-Isopropyltoluene	ug/L	20	18.6	93	75-125	
sec-Butylbenzene	ug/L	20	18.2	91	75-125	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

LABORATORY CONTROL SAMPLE: 3079404

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Styrene	ug/L	20	17.8	89	75-125	
tert-Butylbenzene	ug/L	20	19.9	99	75-125	
Tetrachloroethene	ug/L	20	17.9	89	75-125	
Tetrahydrofuran	ug/L	200	186	93	30-150	
Toluene	ug/L	20	18.2	91	74-125	
trans-1,2-Dichloroethene	ug/L	20	18.5	92	70-126	
trans-1,3-Dichloropropene	ug/L	20	20.0	100	75-125	
Trichloroethene	ug/L	20	19.0	95	75-125	
Trichlorofluoromethane	ug/L	20	22.5	113	71-131	
Vinyl chloride	ug/L	20	19.5	97	65-137	
Xylene (Total)	ug/L	60	57.4	96	75-125	
1,2-Dichloroethane-d4 (S)	%.			101	75-125	
4-Bromofluorobenzene (S)	%.			99	75-125	
Toluene-d8 (S)	%.			100	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3079422 3079423

Parameter	Units	10449811001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	500	500	546	533	109	107	69-130	2	30	
1,1,1-Trichloroethane	ug/L	ND	500	500	455	449	91	90	72-133	1	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	500	500	514	530	103	106	60-137	3	30	
1,1,2-Trichloroethane	ug/L	ND	500	500	483	479	97	96	70-128	1	30	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	500	500	480	450	96	90	64-147	6	30	
1,1-Dichloroethane	ug/L	ND	500	500	467	458	93	92	64-136	2	30	
1,1-Dichloroethene	ug/L	ND	500	500	462	460	92	92	67-139	0	30	
1,1-Dichloropropene	ug/L	ND	500	500	470	454	94	91	69-131	3	30	
1,2,3-Trichlorobenzene	ug/L	ND	500	500	454	458	91	92	60-138	1	30	
1,2,3-Trichloropropane	ug/L	ND	500	500	494	517	99	103	67-129	5	30	
1,2,4-Trichlorobenzene	ug/L	ND	500	500	474	486	95	97	71-125	3	30	
1,2,4-Trimethylbenzene	ug/L	ND	500	500	511	496	102	99	67-130	3	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	1250	1250	1130	1170	90	93	52-141	4	30	
1,2-Dibromoethane (EDB)	ug/L	ND	500	500	445	440	89	88	66-130	1	30	
1,2-Dichlorobenzene	ug/L	ND	500	500	502	487	100	97	72-126	3	30	
1,2-Dichloroethane	ug/L	ND	500	500	437	441	87	88	64-125	1	30	
1,2-Dichloropropane	ug/L	ND	500	500	466	464	93	93	65-128	0	30	
1,3,5-Trimethylbenzene	ug/L	ND	500	500	520	514	104	103	63-139	1	30	
1,3-Dichlorobenzene	ug/L	ND	500	500	495	489	99	98	70-128	1	30	
1,3-Dichloropropane	ug/L	ND	500	500	518	504	104	101	70-131	3	30	
1,4-Dichlorobenzene	ug/L	ND	500	500	500	499	100	100	74-125	0	30	
2,2-Dichloropropane	ug/L	ND	500	500	509	498	102	100	58-137	2	30	
2-Butanone (MEK)	ug/L	ND	2500	2500	2390	2520	95	101	45-132	6	30	
2-Chlorotoluene	ug/L	ND	500	500	503	489	101	98	66-134	3	30	
4-Chlorotoluene	ug/L	ND	500	500	510	499	102	100	70-132	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

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3079422 3079423

Parameter	Units	10449811001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
4-Methyl-2-pentanone (MIBK)	ug/L	ND	2500	2500	2550	2620	102	105	54-143	3	30	
Acetone	ug/L	ND	2500	2500	2250	2420	90	97	51-150	7	30	
Allyl chloride	ug/L	ND	500	500	430	421	86	84	52-150	2	30	
Benzene	ug/L	4.8J	500	500	470	459	93	91	62-140	2	30	
Bromobenzene	ug/L	ND	500	500	488	471	98	94	70-128	4	30	
Bromochloromethane	ug/L	ND	500	500	503	506	101	101	65-131	1	30	
Bromodichloromethane	ug/L	ND	500	500	483	477	97	95	74-127	1	30	
Bromoform	ug/L	ND	500	500	498	498	100	100	59-125	0	30	
Bromomethane	ug/L	ND	500	500	482	465	96	93	30-149	3	30	
Carbon tetrachloride	ug/L	ND	500	500	461	451	92	90	67-134	2	30	
Chlorobenzene	ug/L	ND	500	500	475	468	95	94	72-131	1	30	
Chloroethane	ug/L	ND	500	500	563	541	113	108	55-150	4	30	
Chloroform	ug/L	ND	500	500	444	431	89	86	67-125	3	30	
Chloromethane	ug/L	ND	500	500	481	470	96	94	43-148	2	30	
cis-1,2-Dichloroethene	ug/L	ND	500	500	489	475	98	95	62-132	3	30	
cis-1,3-Dichloropropene	ug/L	ND	500	500	471	476	94	95	63-129	1	30	
Dibromochloromethane	ug/L	ND	500	500	486	488	97	98	67-127	0	30	
Dibromomethane	ug/L	ND	500	500	469	477	94	95	68-132	2	30	
Dichlorodifluoromethane	ug/L	ND	500	500	525	504	105	101	59-144	4	30	
Dichlorofluoromethane	ug/L	ND	500	500	540	533	108	107	63-144	1	30	N2
Diethyl ether (Ethyl ether)	ug/L	ND	500	500	468	470	94	94	52-139	0	30	
Ethylbenzene	ug/L	ND	500	500	485	472	97	94	75-131	3	30	
Hexachloro-1,3-butadiene	ug/L	ND	500	500	524	530	105	106	58-146	1	30	
Isopropylbenzene (Cumene)	ug/L	ND	500	500	449	446	90	89	71-132	1	30	
Methyl-tert-butyl ether	ug/L	ND	500	500	491	498	98	100	65-130	2	30	
Methylene Chloride	ug/L	ND	500	500	436	439	87	88	66-125	1	30	
n-Butylbenzene	ug/L	ND	500	500	489	478	98	96	57-141	2	30	
n-Propylbenzene	ug/L	ND	500	500	521	510	104	102	70-131	2	30	
Naphthalene	ug/L	ND	500	500	433	456	87	91	48-134	5	30	
p-Isopropyltoluene	ug/L	ND	500	500	486	481	97	96	66-136	1	30	
sec-Butylbenzene	ug/L	ND	500	500	472	464	94	93	69-134	2	30	
Styrene	ug/L	ND	500	500	464	455	93	91	65-134	2	30	
tert-Butylbenzene	ug/L	ND	500	500	532	513	106	103	71-130	4	30	
Tetrachloroethene	ug/L	19.7J	500	500	488	473	94	91	69-135	3	30	
Tetrahydrofuran	ug/L	ND	5000	5000	4670	4900	93	98	48-150	5	30	
Toluene	ug/L	ND	500	500	472	462	94	92	68-132	2	30	
trans-1,2-Dichloroethene	ug/L	ND	500	500	465	456	93	91	61-134	2	30	
trans-1,3-Dichloropropene	ug/L	ND	500	500	508	512	102	102	66-125	1	30	
Trichloroethene	ug/L	ND	500	500	485	466	97	93	64-136	4	30	
Trichlorofluoromethane	ug/L	ND	500	500	562	534	112	107	65-146	5	30	
Vinyl chloride	ug/L	ND	500	500	481	476	96	95	51-150	1	30	
Xylene (Total)	ug/L	ND	1500	1500	1490	1460	99	98	69-135	2	30	
1,2-Dichloroethane-d4 (S)	%.						101	101	75-125			
4-Bromofluorobenzene (S)	%.						102	102	75-125			
Toluene-d8 (S)	%.						102	101	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

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALIFIERS

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

CH	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.
L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
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.
N2	The lab does not hold NELAC/TNI accreditation for this parameter.
P8	Analyte was detected in the method blank. All associated samples had concentrations of at least ten times greater than the blank or were below the reporting limit.

Pace Analytical Services, LLC
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Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 06080801 Laundry Basket
Pace Project No.: 10449412

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10449412001	**MW-10**	EPA 8260B	567273		
10449412002	**MW-13**	EPA 8260B	567273		
10449412003	**MW-14**	EPA 8260B	567273		
10449412004	**MW-17**	EPA 8260B	567273		
10449412005	**MW-17-40**	EPA 8260B	567273		
10449412006	**MW-17-70**	EPA 8260B	567273		
10449412007	**MW-6 LT**	EPA 8260B	567273		
10449412008	**MW-6-30 LT**	EPA 8260B	567496		
10449412009	**MW-6-50 LT**	EPA 8260B	567496		
10449412010	**MW-7 LT**	EPA 8260B	567496		
10449412011	**MW-7-30 LT**	EPA 8260B	567496		
10449412012	**MW-7-50 LT**	EPA 8260B	567496		
10449412013	**MW-10 LT**	EPA 8260B	567496		
10449412014	**MW-10-30 LT**	EPA 8260B	567496		
10449412015	**MW-10-50 LT**	EPA 8260B	567496		
10449412016	**MW-13D**	EPA 8260B	567496		
10449412017	**MW-15S**	EPA 8260B	567496		
10449412018	**MW-15D**	EPA 8260B	567496		
10449412019	**MW-16S**	EPA 8260B	567496		
10449412020	**MW-16D**	EPA 8260B	567496		
10449412021	**Trip Blank**	EPA 8260B	567496		

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: of

2271485

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: MSA	Report To: eklingfus@msa-ps.com	Attention:
Address:	Copy To: gneitzel@msa-ps.com	Company Name:
		Address:
Email To:	Purchase Order No.:	Pace Quote Reference:
Phone: Fax:	Project Name: Laundry Basket	Pace Project Manager:
Requested Due Date/TAT:	Project Number: 0606B0801	Pace Profile #: 23096 (#7)

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER

☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: _____

Requested Analysis Filtered (Y/N)

WO# : 10449412

10449412

ITEM #	Section D Required Client Information — SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N: VOCs	Residui	Pace Project No./ Lab I.D.
1	MW-10						9-27-18	950		3									Y	001
2	MW-13						9-26-18	1435											X	002
3	MW-14						9-26-18	1455											X	003
4	MW-17						9-26-18	1530											X	004
5	~~MW-17-30~~ MW-17-40						9-26-18	1545											X	005
6	MW-17-70						9-26-18	1600											X	006
7	MW-6LT						9-26-18	1640											X	007
8	MW-6-30LT						9-26-18	1650											X	008
9	MW-6-50LT						9-26-18	1705											X	009
10	MW-7LT						9-26-18	1320											X	010
11	MW-7-30LT						9-26-18	1335											X	011
12	MW-7-50LT						9-26-18	1345											X	012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
		9-27-18	1600		9/27/18	16:00	2.1	Y	N	Y
					9/27/18	1945	0.5	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Erica Klingfus

SIGNATURE of SAMPLER: _____ DATE Signed (MM/DD/YY): 9/27/18

ORIGINAL

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

CHAIN-OF-CUSTODY / Analytical Request Document

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

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Page: of 2271483

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: MSA	Report To: Erica Klingfus	Attention:
Address:	Copy To: Grant Neitzel gneitzel@msa-ps.com	Company Name:
		Address:
Email To:	Purchase Order No.:	Pace Quote Reference:
Phone: Fax:	Project Name: Laundry Basket	Pace Project Manager:
Requested Due Date/TAT:	Project Number: 06080801	Pace Profile #: 23096 #1

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: _____

Requested Analysis Filtered (Y/N)

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes — MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	VOCs	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-10ST					9-26-18	1730		3									Y	X		013
2	MW-10-30LT					9-26-18	1750											Y	X		014
3	MW-10-50LT					9-26-18	1740											Y	X		015
4	MW-13D					9-27-18	915											Y	X		016
5	MW-15S					9-27-18	735											Y	X		017
6	MW-15D					9-27-18	1015											Y	X		018
7	MW-16S					9/27/18	840											Y	X		019
8	MW-16D					9-27-18	815											Y	X		020
9	Trip Blank																				021
10																					
11																					
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
		9-27-18	1600		9/27/18	16:00	2.1	Y	N	Y
					9/27/18	1945	0.5	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Erica Klingfus

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 9/27/18

ORIGINAL

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Pace Analytical	Document Name: Sample Condition Upon Receipt Form	Document Revised: 02May2018 Page 1 of 2
	Document No.: F-MN-L-213-rev.23	Issuing Authority: Pace Minnesota Quality Office

Sample Condition Upon Receipt **Client Name:** MSA **Project #:** WO#: 10449412

PM: SRD Due Date: 10/12/18
CLIENT: MSA PROF

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: ☒G87A9170600254 ☐G87A9155100842 **Type of Ice:** ☒Wet ☐Blue ☐None ☐Dry ☐Melted

Cooler Temp Read (°C): 0.3 **Cooler Temp Corrected (°C):** 0.5 **Biological Tissue Frozen?** ☐Yes ☐No ☒N/A

Temp should be above freezing to 6°C **Correction Factor:** +0.2 **Date and Initials of Person Examining Contents:** bv 9/27/18

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?	☒Yes	☐No		1.
Chain of Custody Filled Out?	☒Yes	☐No		2.
Chain of Custody Relinquished?	☒Yes	☐No		3.
Sampler Name and/or Signature on COC?	☒Yes	☐No	☐N/A	4.
Samples Arrived within Hold Time?	☒Yes	☐No		5.
Short Hold Time Analysis (<72 hr)?	☐Yes	☒No		6.
Rush Turn Around Time Requested?	☐Yes	☒No		7.
Sufficient Volume?	☒Yes	☐No		8.
Correct Containers Used?	☒Yes	☐No		9.
-Pace Containers Used?	☒Yes	☐No		
Containers Intact?	☒Yes	☐No		10.
Filtered Volume Received for Dissolved Tests?	☐Yes	☐No	☒N/A	11. Note if sediment is visible in the dissolved container
Is sufficient information available to reconcile the samples to the COC? Matrix: WT	☒Yes	☐No		12.
All containers needing acid/base preservation have been checked?	☐Yes	☐No	☒N/A	13. ☐HNO_3 ☐H_2SO_4 ☐NaOH Positive for Res. Chlorine? Y N
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, <2pH, NaOH >9 Sulfide, NaOH>12 Cyanide) Exceptions: VOA, Coliform, TOC/DOC Oil and Grease, DRO/8015 (water) and Dioxin/PFAS	☐Yes ☒Yes	☐No ☐No	☒N/A ☐N/A	Sample # Initial when completed: Lot # of added preservative:
Headspace in VOA Vials (>6mm)?	☒Yes	☐No	☐N/A	14. See exceptions sheet
Trip Blank Present?	☒Yes	☐No	☐N/A	15.
Trip Blank Custody Seals Present?	☒Yes	☐No	☐N/A	
Pace Trip Blank Lot # (if purchased): 172898				

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

Person Contacted: Erica Klingfus (email) Date/Time: 9/28/18

Comments/Resolution: Headspace in trip blanks

Project Manager Review: Shannon Davis **Date:** 9/28/18

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).

Pace Analytical	Document Name: **Headspace Exception**	Document Revised: 06Nov2017 Page 1 of 1
	Document No.: **F-MN-C-276-Rev.00**	Issuing Authority: Pace Minnesota Quality Office

Sample ID	Headspace > 6mm	Headspace < 6mm	No Headspace	Total Vials
MW-17	0	1	2	3
MW-6-SOLT	0	1	2	3
Trip Blank	2	0	0	2

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

January 09, 2019

Mark Davidson
MSA Professional Services
332 W. Superior St. #600
Duluth, MN 55802

RE: Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Dear Mark Davidson:
Enclosed are the analytical results for sample(s) received by the laboratory on December 13, 2018. 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.

This report was revised on January 9, 2018 to display data reported to the method dection limit for Pace samples 002 through 021.

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: Paul Butler, MSA Professional Services
Brian Hegge, MSA Professional Services
Erica Klingfus, MSA Professional Services

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

CERTIFICATIONS

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Minnesota Certification IDs

1700 Elm Street SE, Minneapolis, MN 55414-2485
A2LA Certification #: 2926.01
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: 17-009
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014
Arkansas DW Certification #: MN00064
Arkansas WW Certification #: 88-0680
California Certification #: 2929
CNMI Saipan Certification #: MP0003
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8+Wyoming DW Certification #: via MN 027-053-137
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
Massachusetts Certification #: M-MN064
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137
Minnesota Dept of Ag Certifcation #: via MN 027-053-137
Minnesota Petrofund Certification #: 1240
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 DEP Certification #: 382
Wisconsin Certification #: 999407970
Wyoming UST Certification #: via A2LA 2926.01

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SAMPLE SUMMARY

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10458810001	**MW-10**	Water	12/11/18 12:26	12/13/18 18:45
10458810002	**MW-13**	Water	12/11/18 12:55	12/13/18 18:45
10458810003	**MW-13D**	Water	12/11/18 13:00	12/13/18 18:45
10458810004	**MW-14**	Water	12/11/18 13:10	12/13/18 18:45
10458810005	**MW-17**	Water	12/11/18 14:15	12/13/18 18:45
10458810006	**MW-17-40**	Water	12/11/18 14:30	12/13/18 18:45
10458810007	**MW-17-70**	Water	12/11/18 14:40	12/13/18 18:45
10458810008	**MW-6LT**	Water	12/11/18 13:40	12/13/18 18:45
10458810009	**MW-6-30LT**	Water	12/11/18 13:50	12/13/18 18:45
10458810010	**MW-6-50LT**	Water	12/11/18 14:00	12/13/18 18:45
10458810011	**MW-7LT**	Water	12/11/18 13:15	12/13/18 18:45
10458810012	**MW-7-30LT**	Water	12/11/18 13:25	12/13/18 18:45
10458810013	**MW-10LT**	Water	12/11/18 15:05	12/13/18 18:45
10458810014	**MW-10-30LT**	Water	12/11/18 15:15	12/13/18 18:45
10458810015	**MW-10-50LT**	Water	12/11/18 15:30	12/13/18 18:45
10458810016	**MW-15S**	Water	12/12/18 08:20	12/13/18 18:45
10458810017	**MW-15D**	Water	12/12/18 08:15	12/13/18 18:45
10458810018	**MW-16S**	Water	12/11/18 15:40	12/13/18 18:45
10458810019	**Dup**	Water	12/11/18 00:00	12/13/18 18:45
10458810020	**MW-16D**	Water	12/11/18 15:45	12/13/18 18:45
10458810021	**Trip Blank**	Water	12/11/18 00:00	12/13/18 18:45

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SAMPLE ANALYTE COUNT

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10458810001	**MW-10**	EPA 8260B	DS2	70
10458810002	**MW-13**	EPA 8260B	AEZ	70
10458810003	**MW-13D**	EPA 8260B	AEZ	70
10458810004	**MW-14**	EPA 8260B	AEZ	70
10458810005	**MW-17**	EPA 8260B	AEZ	70
10458810006	**MW-17-40**	EPA 8260B	AEZ	70
10458810007	**MW-17-70**	EPA 8260B	AEZ	70
10458810008	**MW-6LT**	EPA 8260B	DS2	70
10458810009	**MW-6-30LT**	EPA 8260B	DS2	70
10458810010	**MW-6-50LT**	EPA 8260B	DS2	70
10458810011	**MW-7LT**	EPA 8260B	DS2	70
10458810012	**MW-7-30LT**	EPA 8260B	DS2	70
10458810013	**MW-10LT**	EPA 8260B	DS2	70
10458810014	**MW-10-30LT**	EPA 8260B	DS2	70
10458810015	**MW-10-50LT**	EPA 8260B	DS2	70
10458810016	**MW-15S**	EPA 8260B	DS2	70
10458810017	**MW-15D**	EPA 8260B	DS2	70
10458810018	**MW-16S**	EPA 8260B	DS2	70
10458810019	**Dup**	EPA 8260B	DS2	70
10458810020	**MW-16D**	EPA 8260B	DS2	70
10458810021	**Trip Blank**	EPA 8260B	DS2	70

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PROJECT NARRATIVE

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Method: **EPA 8260B**
Description: 8260B VOC
Client: MSA MN/WI
Date: January 09, 2019

General Information:
21 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.

QC Batch: 581687

SS: This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated value.

- LCS (Lab ID: 3153326)
  - Bromomethane
- MS (Lab ID: 3153327)
  - Bromomethane
- MSD (Lab ID: 3153328)
  - Bromomethane

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

QC Batch: 581687

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

- BLANK (Lab ID: 3153325)
  - Chloromethane
- LCS (Lab ID: 3153326)
  - Chloromethane
- MS (Lab ID: 3153327)
  - Chloromethane
- MSD (Lab ID: 3153328)
  - Chloromethane
- MW-13 (Lab ID: 10458810002)
  - Chloromethane
- MW-13D (Lab ID: 10458810003)
  - Chloromethane
- MW-14 (Lab ID: 10458810004)
  - Chloromethane
- MW-17 (Lab ID: 10458810005)
  - Chloromethane
- MW-17-40 (Lab ID: 10458810006)
  - Chloromethane
- MW-17-70 (Lab ID: 10458810007)
  - Chloromethane

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PROJECT NARRATIVE

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Method: **EPA 8260B**
Description: 8260B VOC
Client: MSA MN/WI
Date: January 09, 2019

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.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

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

QC Batch: 581502

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 10458820001

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

- MS (Lab ID: 3152548)
  - 1,2,4-Trimethylbenzene
  - Ethylbenzene
- MSD (Lab ID: 3152549)
  - 1,2,4-Trimethylbenzene
  - Ethylbenzene

QC Batch: 581781

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 10459287001

R1: RPD value was outside control limits.

- MSD (Lab ID: 3155024)
  - Chloromethane

Additional Comments:

Analyte Comments:

QC Batch: 581502

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

- MSD (Lab ID: 3152549)
  - 1,2,4-Trimethylbenzene

N2: The lab does not hold NELAC/TNI accreditation for this parameter.

- BLANK (Lab ID: 3152546)
  - Dichlorofluoromethane
- LCS (Lab ID: 3152547)
  - Dichlorofluoromethane

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PROJECT NARRATIVE

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Method: **EPA 8260B**
Description: 8260B VOC
Client: MSA MN/WI
Date: January 09, 2019

Analyte Comments:

QC Batch: 581502

N2: The lab does not hold NELAC/TNI accreditation for this parameter.

- MS (Lab ID: 3152548)
  - Dichlorofluoromethane
- MSD (Lab ID: 3152549)
  - Dichlorofluoromethane
- MW-10 (Lab ID: 10458810001)
  - Dichlorofluoromethane

QC Batch: 581687

N2: The lab does not hold NELAC/TNI accreditation for this parameter.

- BLANK (Lab ID: 3153325)
  - Dichlorofluoromethane
- LCS (Lab ID: 3153326)
  - Dichlorofluoromethane
- MS (Lab ID: 3153327)
  - Dichlorofluoromethane
- MSD (Lab ID: 3153328)
  - Dichlorofluoromethane
- MW-13 (Lab ID: 10458810002)
  - Dichlorofluoromethane
- MW-13D (Lab ID: 10458810003)
  - Dichlorofluoromethane
- MW-14 (Lab ID: 10458810004)
  - Dichlorofluoromethane
- MW-17 (Lab ID: 10458810005)
  - Dichlorofluoromethane
- MW-17-40 (Lab ID: 10458810006)
  - Dichlorofluoromethane
- MW-17-70 (Lab ID: 10458810007)
  - Dichlorofluoromethane

QC Batch: 581781

N2: The lab does not hold NELAC/TNI accreditation for this parameter.

- BLANK (Lab ID: 3153823)
  - Dichlorofluoromethane
- Dup (Lab ID: 10458810019)
  - Dichlorofluoromethane
- LCS (Lab ID: 3153824)
  - Dichlorofluoromethane
- MS (Lab ID: 3155023)
  - Dichlorofluoromethane
- MSD (Lab ID: 3155024)
  - Dichlorofluoromethane

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PROJECT NARRATIVE

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Method: **EPA 8260B**
Description: 8260B VOC
Client: MSA MN/WI
Date: January 09, 2019

Analyte Comments:

QC Batch: 581781

N2: The lab does not hold NELAC/TNI accreditation for this parameter.

- MW-10-30LT (Lab ID: 10458810014)
  - Dichlorofluoromethane
- MW-10-50LT (Lab ID: 10458810015)
  - Dichlorofluoromethane
- MW-10LT (Lab ID: 10458810013)
  - Dichlorofluoromethane
- MW-15D (Lab ID: 10458810017)
  - Dichlorofluoromethane
- MW-15S (Lab ID: 10458810016)
  - Dichlorofluoromethane
- MW-16D (Lab ID: 10458810020)
  - Dichlorofluoromethane
- MW-16S (Lab ID: 10458810018)
  - Dichlorofluoromethane
- MW-6-30LT (Lab ID: 10458810009)
  - Dichlorofluoromethane
- MW-6-50LT (Lab ID: 10458810010)
  - Dichlorofluoromethane
- MW-6LT (Lab ID: 10458810008)
  - Dichlorofluoromethane
- MW-7-30LT (Lab ID: 10458810012)
  - Dichlorofluoromethane
- MW-7LT (Lab ID: 10458810011)
  - Dichlorofluoromethane
- Trip Blank (Lab ID: 10458810021)
  - Dichlorofluoromethane

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

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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Sample: MW-10 **Lab ID: 10458810001** Collected: 12/11/18 12:26 Received: 12/13/18 18:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Acetone	**<9.2**	ug/L	20.0	9.2	1		12/18/18 16:05	67-64-1	
Allyl chloride	**<0.29**	ug/L	4.0	0.29	1		12/18/18 16:05	107-05-1	
Benzene	**<0.10**	ug/L	1.0	0.10	1		12/18/18 16:05	71-43-2	
Bromobenzene	**<0.21**	ug/L	1.0	0.21	1		12/18/18 16:05	108-86-1	
Bromochloromethane	**<0.27**	ug/L	1.0	0.27	1		12/18/18 16:05	74-97-5	
Bromodichloromethane	**<0.22**	ug/L	1.0	0.22	1		12/18/18 16:05	75-27-4	
Bromoform	**<0.80**	ug/L	4.0	0.80	1		12/18/18 16:05	75-25-2	
Bromomethane	**<1.8**	ug/L	4.0	1.8	1		12/18/18 16:05	74-83-9	
2-Butanone (MEK)	**<0.99**	ug/L	5.0	0.99	1		12/18/18 16:05	78-93-3	
n-Butylbenzene	**<0.24**	ug/L	1.0	0.24	1		12/18/18 16:05	104-51-8	
sec-Butylbenzene	**<0.15**	ug/L	1.0	0.15	1		12/18/18 16:05	135-98-8	
tert-Butylbenzene	**<0.15**	ug/L	1.0	0.15	1		12/18/18 16:05	98-06-6	
Carbon tetrachloride	**<0.19**	ug/L	1.0	0.19	1		12/18/18 16:05	56-23-5	
Chlorobenzene	**<0.17**	ug/L	1.0	0.17	1		12/18/18 16:05	108-90-7	
Chloroethane	**<0.49**	ug/L	4.0	0.49	1		12/18/18 16:05	75-00-3	
Chloroform	**<0.45**	ug/L	1.0	0.45	1		12/18/18 16:05	67-66-3	
Chloromethane	**<0.16**	ug/L	4.0	0.16	1		12/18/18 16:05	74-87-3	
2-Chlorotoluene	**<0.16**	ug/L	1.0	0.16	1		12/18/18 16:05	95-49-8	
4-Chlorotoluene	**<0.13**	ug/L	1.0	0.13	1		12/18/18 16:05	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	4.0	1.7	1		12/18/18 16:05	96-12-8	
Dibromochloromethane	**<0.46**	ug/L	1.0	0.46	1		12/18/18 16:05	124-48-1	
1,2-Dibromoethane (EDB)	**<0.24**	ug/L	1.0	0.24	1		12/18/18 16:05	106-93-4	
Dibromomethane	**<0.39**	ug/L	4.0	0.39	1		12/18/18 16:05	74-95-3	
1,2-Dichlorobenzene	**<0.14**	ug/L	1.0	0.14	1		12/18/18 16:05	95-50-1	
1,3-Dichlorobenzene	**<0.16**	ug/L	1.0	0.16	1		12/18/18 16:05	541-73-1	
1,4-Dichlorobenzene	**<0.17**	ug/L	1.0	0.17	1		12/18/18 16:05	106-46-7	
Dichlorodifluoromethane	**<0.23**	ug/L	1.0	0.23	1		12/18/18 16:05	75-71-8	
1,1-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		12/18/18 16:05	75-34-3	
1,2-Dichloroethane	**<0.22**	ug/L	1.0	0.22	1		12/18/18 16:05	107-06-2	
1,1-Dichloroethene	**<0.16**	ug/L	1.0	0.16	1		12/18/18 16:05	75-35-4	
cis-1,2-Dichloroethene	**<0.15**	ug/L	1.0	0.15	1		12/18/18 16:05	156-59-2	
trans-1,2-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/18/18 16:05	156-60-5	
Dichlorofluoromethane	**<0.14**	ug/L	1.0	0.14	1		12/18/18 16:05	75-43-4	N2
1,2-Dichloropropane	**<0.16**	ug/L	4.0	0.16	1		12/18/18 16:05	78-87-5	
1,3-Dichloropropane	**<0.17**	ug/L	1.0	0.17	1		12/18/18 16:05	142-28-9	
2,2-Dichloropropane	**<0.17**	ug/L	4.0	0.17	1		12/18/18 16:05	594-20-7	
1,1-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		12/18/18 16:05	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	4.0	0.20	1		12/18/18 16:05	10061-01-5	
trans-1,3-Dichloropropene	**<0.18**	ug/L	4.0	0.18	1		12/18/18 16:05	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.095**	ug/L	4.0	0.095	1		12/18/18 16:05	60-29-7	
Ethylbenzene	**<0.14**	ug/L	1.0	0.14	1		12/18/18 16:05	100-41-4	
Hexachloro-1,3-butadiene	**<0.31**	ug/L	1.0	0.31	1		12/18/18 16:05	87-68-3	
Isopropylbenzene (Cumene)	**<0.18**	ug/L	1.0	0.18	1		12/18/18 16:05	98-82-8	
p-Isopropyltoluene	**<0.15**	ug/L	1.0	0.15	1		12/18/18 16:05	99-87-6	
Methylene Chloride	**<0.98**	ug/L	4.0	0.98	1		12/18/18 16:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.42**	ug/L	5.0	0.42	1		12/18/18 16:05	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Sample: MW-10 **Lab ID: 10458810001** Collected: 12/11/18 12:26 Received: 12/13/18 18:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**<0.16**	ug/L	1.0	0.16	1		12/18/18 16:05	1634-04-4	
Naphthalene	**<0.48**	ug/L	4.0	0.48	1		12/18/18 16:05	91-20-3	
n-Propylbenzene	**<0.10**	ug/L	1.0	0.10	1		12/18/18 16:05	103-65-1	
Styrene	**<0.19**	ug/L	1.0	0.19	1		12/18/18 16:05	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		12/18/18 16:05	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.17**	ug/L	1.0	0.17	1		12/18/18 16:05	79-34-5	
Tetrachloroethene	**0.62J**	ug/L	1.0	0.17	1		12/18/18 16:05	127-18-4	
Tetrahydrofuran	**<2.2**	ug/L	10.0	2.2	1		12/18/18 16:05	109-99-9	
Toluene	**<0.083**	ug/L	1.0	0.083	1		12/18/18 16:05	108-88-3	
1,2,3-Trichlorobenzene	**<0.21**	ug/L	1.0	0.21	1		12/18/18 16:05	87-61-6	
1,2,4-Trichlorobenzene	**<0.20**	ug/L	1.0	0.20	1		12/18/18 16:05	120-82-1	
1,1,1-Trichloroethane	**<0.14**	ug/L	1.0	0.14	1		12/18/18 16:05	71-55-6	
1,1,2-Trichloroethane	**<0.18**	ug/L	1.0	0.18	1		12/18/18 16:05	79-00-5	
Trichloroethene	**<0.15**	ug/L	0.40	0.15	1		12/18/18 16:05	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/L	1.0	0.23	1		12/18/18 16:05	75-69-4	
1,2,3-Trichloropropane	**<0.26**	ug/L	4.0	0.26	1		12/18/18 16:05	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.47**	ug/L	1.0	0.47	1		12/18/18 16:05	76-13-1	
1,2,4-Trimethylbenzene	**<0.20**	ug/L	1.0	0.20	1		12/18/18 16:05	95-63-6	
1,3,5-Trimethylbenzene	**<0.12**	ug/L	1.0	0.12	1		12/18/18 16:05	108-67-8	
Vinyl chloride	**<0.092**	ug/L	0.20	0.092	1		12/18/18 16:05	75-01-4	
Xylene (Total)	**<0.31**	ug/L	3.0	0.31	1		12/18/18 16:05	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%.	75-125		1		12/18/18 16:05	17060-07-0	
Toluene-d8 (S)	103	%.	75-125		1		12/18/18 16:05	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	75-125		1		12/18/18 16:05	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Sample: MW-13 **Lab ID: 10458810002** Collected: 12/11/18 12:55 Received: 12/13/18 18:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Acetone	**<9.2**	ug/L	30.8	9.2	1		12/19/18 02:56	67-64-1	
Allyl chloride	**<0.29**	ug/L	0.97	0.29	1		12/19/18 02:56	107-05-1	
Benzene	**<0.10**	ug/L	0.34	0.10	1		12/19/18 02:56	71-43-2	
Bromobenzene	**<0.21**	ug/L	0.69	0.21	1		12/19/18 02:56	108-86-1	
Bromochloromethane	**<0.27**	ug/L	0.91	0.27	1		12/19/18 02:56	74-97-5	
Bromodichloromethane	**<0.22**	ug/L	0.72	0.22	1		12/19/18 02:56	75-27-4	
Bromoform	**<0.80**	ug/L	2.7	0.80	1		12/19/18 02:56	75-25-2	
Bromomethane	**<1.8**	ug/L	6.1	1.8	1		12/19/18 02:56	74-83-9	
2-Butanone (MEK)	**<0.99**	ug/L	3.3	0.99	1		12/19/18 02:56	78-93-3	
n-Butylbenzene	**<0.24**	ug/L	0.80	0.24	1		12/19/18 02:56	104-51-8	
sec-Butylbenzene	**<0.15**	ug/L	0.50	0.15	1		12/19/18 02:56	135-98-8	
tert-Butylbenzene	**<0.15**	ug/L	0.49	0.15	1		12/19/18 02:56	98-06-6	
Carbon tetrachloride	**<0.19**	ug/L	0.63	0.19	1		12/19/18 02:56	56-23-5	
Chlorobenzene	**<0.17**	ug/L	0.57	0.17	1		12/19/18 02:56	108-90-7	
Chloroethane	**<0.49**	ug/L	1.6	0.49	1		12/19/18 02:56	75-00-3	
Chloroform	**<0.45**	ug/L	1.5	0.45	1		12/19/18 02:56	67-66-3	
Chloromethane	**<0.16**	ug/L	0.52	0.16	1		12/19/18 02:56	74-87-3	CL
2-Chlorotoluene	**<0.16**	ug/L	0.54	0.16	1		12/19/18 02:56	95-49-8	
4-Chlorotoluene	**<0.13**	ug/L	0.45	0.13	1		12/19/18 02:56	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.5	1.7	1		12/19/18 02:56	96-12-8	
Dibromochloromethane	**<0.46**	ug/L	1.5	0.46	1		12/19/18 02:56	124-48-1	
1,2-Dibromoethane (EDB)	**<0.24**	ug/L	0.80	0.24	1		12/19/18 02:56	106-93-4	
Dibromomethane	**<0.39**	ug/L	1.3	0.39	1		12/19/18 02:56	74-95-3	
1,2-Dichlorobenzene	**<0.14**	ug/L	0.46	0.14	1		12/19/18 02:56	95-50-1	
1,3-Dichlorobenzene	**<0.16**	ug/L	0.54	0.16	1		12/19/18 02:56	541-73-1	
1,4-Dichlorobenzene	**<0.17**	ug/L	0.56	0.17	1		12/19/18 02:56	106-46-7	
Dichlorodifluoromethane	**<0.23**	ug/L	0.78	0.23	1		12/19/18 02:56	75-71-8	
1,1-Dichloroethane	**<0.17**	ug/L	0.57	0.17	1		12/19/18 02:56	75-34-3	
1,2-Dichloroethane	**<0.22**	ug/L	0.73	0.22	1		12/19/18 02:56	107-06-2	
1,1-Dichloroethene	**<0.16**	ug/L	0.53	0.16	1		12/19/18 02:56	75-35-4	
cis-1,2-Dichloroethene	**<0.15**	ug/L	0.51	0.15	1		12/19/18 02:56	156-59-2	
trans-1,2-Dichloroethene	**<0.24**	ug/L	0.79	0.24	1		12/19/18 02:56	156-60-5	
Dichlorofluoromethane	**<0.14**	ug/L	0.47	0.14	1		12/19/18 02:56	75-43-4	N2
1,2-Dichloropropane	**<0.16**	ug/L	0.55	0.16	1		12/19/18 02:56	78-87-5	
1,3-Dichloropropane	**<0.17**	ug/L	0.58	0.17	1		12/19/18 02:56	142-28-9	
2,2-Dichloropropane	**<0.17**	ug/L	0.57	0.17	1		12/19/18 02:56	594-20-7	
1,1-Dichloropropene	**<0.20**	ug/L	0.66	0.20	1		12/19/18 02:56	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	0.68	0.20	1		12/19/18 02:56	10061-01-5	
trans-1,3-Dichloropropene	**<0.18**	ug/L	0.61	0.18	1		12/19/18 02:56	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.095**	ug/L	0.32	0.095	1		12/19/18 02:56	60-29-7	
Ethylbenzene	**<0.14**	ug/L	0.46	0.14	1		12/19/18 02:56	100-41-4	
Hexachloro-1,3-butadiene	**<0.31**	ug/L	1.0	0.31	1		12/19/18 02:56	87-68-3	
Isopropylbenzene (Cumene)	**<0.18**	ug/L	0.62	0.18	1		12/19/18 02:56	98-82-8	
p-Isopropyltoluene	**<0.15**	ug/L	0.51	0.15	1		12/19/18 02:56	99-87-6	
Methylene Chloride	**<0.98**	ug/L	3.3	0.98	1		12/19/18 02:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.42**	ug/L	1.4	0.42	1		12/19/18 02:56	108-10-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Sample: MW-13 **Lab ID: 10458810002** Collected: 12/11/18 12:55 Received: 12/13/18 18:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**<0.16**	ug/L	0.54	0.16	1		12/19/18 02:56	1634-04-4	
Naphthalene	**<0.48**	ug/L	1.6	0.48	1		12/19/18 02:56	91-20-3	
n-Propylbenzene	**<0.10**	ug/L	0.34	0.10	1		12/19/18 02:56	103-65-1	
Styrene	**<0.19**	ug/L	0.62	0.19	1		12/19/18 02:56	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	0.65	0.20	1		12/19/18 02:56	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.17**	ug/L	0.57	0.17	1		12/19/18 02:56	79-34-5	
Tetrachloroethene	**<0.17**	ug/L	0.57	0.17	1		12/19/18 02:56	127-18-4	
Tetrahydrofuran	**<2.2**	ug/L	7.4	2.2	1		12/19/18 02:56	109-99-9	
Toluene	**<0.083**	ug/L	0.28	0.083	1		12/19/18 02:56	108-88-3	
1,2,3-Trichlorobenzene	**<0.21**	ug/L	0.69	0.21	1		12/19/18 02:56	87-61-6	
1,2,4-Trichlorobenzene	**<0.20**	ug/L	0.66	0.20	1		12/19/18 02:56	120-82-1	
1,1,1-Trichloroethane	**<0.14**	ug/L	0.45	0.14	1		12/19/18 02:56	71-55-6	
1,1,2-Trichloroethane	**<0.18**	ug/L	0.60	0.18	1		12/19/18 02:56	79-00-5	
Trichloroethene	**<0.15**	ug/L	0.50	0.15	1		12/19/18 02:56	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/L	0.77	0.23	1		12/19/18 02:56	75-69-4	
1,2,3-Trichloropropane	**<0.26**	ug/L	0.86	0.26	1		12/19/18 02:56	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.47**	ug/L	1.6	0.47	1		12/19/18 02:56	76-13-1	
1,2,4-Trimethylbenzene	**<0.20**	ug/L	0.65	0.20	1		12/19/18 02:56	95-63-6	
1,3,5-Trimethylbenzene	**<0.12**	ug/L	0.41	0.12	1		12/19/18 02:56	108-67-8	
Vinyl chloride	**<0.092**	ug/L	0.31	0.092	1		12/19/18 02:56	75-01-4	
Xylene (Total)	**<0.31**	ug/L	1.0	0.31	1		12/19/18 02:56	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	88	%.	75-125		1		12/19/18 02:56	17060-07-0	
Toluene-d8 (S)	95	%.	75-125		1		12/19/18 02:56	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	75-125		1		12/19/18 02:56	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Sample: MW-13D **Lab ID: 10458810003** Collected: 12/11/18 13:00 Received: 12/13/18 18:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Acetone	**<9.2**	ug/L	30.8	9.2	1		12/19/18 03:12	67-64-1	
Allyl chloride	**<0.29**	ug/L	0.97	0.29	1		12/19/18 03:12	107-05-1	
Benzene	**0.17J**	ug/L	0.34	0.10	1		12/19/18 03:12	71-43-2	
Bromobenzene	**<0.21**	ug/L	0.69	0.21	1		12/19/18 03:12	108-86-1	
Bromochloromethane	**<0.27**	ug/L	0.91	0.27	1		12/19/18 03:12	74-97-5	
Bromodichloromethane	**<0.22**	ug/L	0.72	0.22	1		12/19/18 03:12	75-27-4	
Bromoform	**<0.80**	ug/L	2.7	0.80	1		12/19/18 03:12	75-25-2	
Bromomethane	**<1.8**	ug/L	6.1	1.8	1		12/19/18 03:12	74-83-9	
2-Butanone (MEK)	**<0.99**	ug/L	3.3	0.99	1		12/19/18 03:12	78-93-3	
n-Butylbenzene	**<0.24**	ug/L	0.80	0.24	1		12/19/18 03:12	104-51-8	
sec-Butylbenzene	**<0.15**	ug/L	0.50	0.15	1		12/19/18 03:12	135-98-8	
tert-Butylbenzene	**<0.15**	ug/L	0.49	0.15	1		12/19/18 03:12	98-06-6	
Carbon tetrachloride	**<0.19**	ug/L	0.63	0.19	1		12/19/18 03:12	56-23-5	
Chlorobenzene	**<0.17**	ug/L	0.57	0.17	1		12/19/18 03:12	108-90-7	
Chloroethane	**<0.49**	ug/L	1.6	0.49	1		12/19/18 03:12	75-00-3	
Chloroform	**<0.45**	ug/L	1.5	0.45	1		12/19/18 03:12	67-66-3	
Chloromethane	**<0.16**	ug/L	0.52	0.16	1		12/19/18 03:12	74-87-3	CL
2-Chlorotoluene	**<0.16**	ug/L	0.54	0.16	1		12/19/18 03:12	95-49-8	
4-Chlorotoluene	**<0.13**	ug/L	0.45	0.13	1		12/19/18 03:12	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.5	1.7	1		12/19/18 03:12	96-12-8	
Dibromochloromethane	**<0.46**	ug/L	1.5	0.46	1		12/19/18 03:12	124-48-1	
1,2-Dibromoethane (EDB)	**<0.24**	ug/L	0.80	0.24	1		12/19/18 03:12	106-93-4	
Dibromomethane	**<0.39**	ug/L	1.3	0.39	1		12/19/18 03:12	74-95-3	
1,2-Dichlorobenzene	**<0.14**	ug/L	0.46	0.14	1		12/19/18 03:12	95-50-1	
1,3-Dichlorobenzene	**<0.16**	ug/L	0.54	0.16	1		12/19/18 03:12	541-73-1	
1,4-Dichlorobenzene	**<0.17**	ug/L	0.56	0.17	1		12/19/18 03:12	106-46-7	
Dichlorodifluoromethane	**<0.23**	ug/L	0.78	0.23	1		12/19/18 03:12	75-71-8	
1,1-Dichloroethane	**<0.17**	ug/L	0.57	0.17	1		12/19/18 03:12	75-34-3	
1,2-Dichloroethane	**<0.22**	ug/L	0.73	0.22	1		12/19/18 03:12	107-06-2	
1,1-Dichloroethene	**<0.16**	ug/L	0.53	0.16	1		12/19/18 03:12	75-35-4	
cis-1,2-Dichloroethene	**7.8**	ug/L	0.51	0.15	1		12/19/18 03:12	156-59-2	
trans-1,2-Dichloroethene	**<0.24**	ug/L	0.79	0.24	1		12/19/18 03:12	156-60-5	
Dichlorofluoromethane	**<0.14**	ug/L	0.47	0.14	1		12/19/18 03:12	75-43-4	N2
1,2-Dichloropropane	**<0.16**	ug/L	0.55	0.16	1		12/19/18 03:12	78-87-5	
1,3-Dichloropropane	**<0.17**	ug/L	0.58	0.17	1		12/19/18 03:12	142-28-9	
2,2-Dichloropropane	**<0.17**	ug/L	0.57	0.17	1		12/19/18 03:12	594-20-7	
1,1-Dichloropropene	**<0.20**	ug/L	0.66	0.20	1		12/19/18 03:12	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	0.68	0.20	1		12/19/18 03:12	10061-01-5	
trans-1,3-Dichloropropene	**<0.18**	ug/L	0.61	0.18	1		12/19/18 03:12	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.095**	ug/L	0.32	0.095	1		12/19/18 03:12	60-29-7	
Ethylbenzene	**<0.14**	ug/L	0.46	0.14	1		12/19/18 03:12	100-41-4	
Hexachloro-1,3-butadiene	**<0.31**	ug/L	1.0	0.31	1		12/19/18 03:12	87-68-3	
Isopropylbenzene (Cumene)	**<0.18**	ug/L	0.62	0.18	1		12/19/18 03:12	98-82-8	
p-Isopropyltoluene	**<0.15**	ug/L	0.51	0.15	1		12/19/18 03:12	99-87-6	
Methylene Chloride	**<0.98**	ug/L	3.3	0.98	1		12/19/18 03:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.42**	ug/L	1.4	0.42	1		12/19/18 03:12	108-10-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Sample: MW-13D **Lab ID: 10458810003** Collected: 12/11/18 13:00 Received: 12/13/18 18:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**<0.16**	ug/L	0.54	0.16	1		12/19/18 03:12	1634-04-4	
Naphthalene	**<0.48**	ug/L	1.6	0.48	1		12/19/18 03:12	91-20-3	
n-Propylbenzene	**<0.10**	ug/L	0.34	0.10	1		12/19/18 03:12	103-65-1	
Styrene	**<0.19**	ug/L	0.62	0.19	1		12/19/18 03:12	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	0.65	0.20	1		12/19/18 03:12	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.17**	ug/L	0.57	0.17	1		12/19/18 03:12	79-34-5	
Tetrachloroethene	**24.6**	ug/L	0.57	0.17	1		12/19/18 03:12	127-18-4	
Tetrahydrofuran	**<2.2**	ug/L	7.4	2.2	1		12/19/18 03:12	109-99-9	
Toluene	**<0.083**	ug/L	0.28	0.083	1		12/19/18 03:12	108-88-3	
1,2,3-Trichlorobenzene	**<0.21**	ug/L	0.69	0.21	1		12/19/18 03:12	87-61-6	
1,2,4-Trichlorobenzene	**<0.20**	ug/L	0.66	0.20	1		12/19/18 03:12	120-82-1	
1,1,1-Trichloroethane	**<0.14**	ug/L	0.45	0.14	1		12/19/18 03:12	71-55-6	
1,1,2-Trichloroethane	**<0.18**	ug/L	0.60	0.18	1		12/19/18 03:12	79-00-5	
Trichloroethene	**7.0**	ug/L	0.50	0.15	1		12/19/18 03:12	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/L	0.77	0.23	1		12/19/18 03:12	75-69-4	
1,2,3-Trichloropropane	**<0.26**	ug/L	0.86	0.26	1		12/19/18 03:12	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.47**	ug/L	1.6	0.47	1		12/19/18 03:12	76-13-1	
1,2,4-Trimethylbenzene	**<0.20**	ug/L	0.65	0.20	1		12/19/18 03:12	95-63-6	
1,3,5-Trimethylbenzene	**<0.12**	ug/L	0.41	0.12	1		12/19/18 03:12	108-67-8	
Vinyl chloride	**<0.092**	ug/L	0.31	0.092	1		12/19/18 03:12	75-01-4	
Xylene (Total)	**<0.31**	ug/L	1.0	0.31	1		12/19/18 03:12	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	88	%.	75-125		1		12/19/18 03:12	17060-07-0	
Toluene-d8 (S)	95	%.	75-125		1		12/19/18 03:12	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	75-125		1		12/19/18 03:12	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Sample: MW-14 **Lab ID: 10458810004** Collected: 12/11/18 13:10 Received: 12/13/18 18:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Acetone	**<9.2**	ug/L	30.8	9.2	1		12/19/18 03:28	67-64-1	
Allyl chloride	**<0.29**	ug/L	0.97	0.29	1		12/19/18 03:28	107-05-1	
Benzene	**<0.10**	ug/L	0.34	0.10	1		12/19/18 03:28	71-43-2	
Bromobenzene	**<0.21**	ug/L	0.69	0.21	1		12/19/18 03:28	108-86-1	
Bromochloromethane	**<0.27**	ug/L	0.91	0.27	1		12/19/18 03:28	74-97-5	
Bromodichloromethane	**<0.22**	ug/L	0.72	0.22	1		12/19/18 03:28	75-27-4	
Bromoform	**<0.80**	ug/L	2.7	0.80	1		12/19/18 03:28	75-25-2	
Bromomethane	**<1.8**	ug/L	6.1	1.8	1		12/19/18 03:28	74-83-9	
2-Butanone (MEK)	**<0.99**	ug/L	3.3	0.99	1		12/19/18 03:28	78-93-3	
n-Butylbenzene	**<0.24**	ug/L	0.80	0.24	1		12/19/18 03:28	104-51-8	
sec-Butylbenzene	**<0.15**	ug/L	0.50	0.15	1		12/19/18 03:28	135-98-8	
tert-Butylbenzene	**<0.15**	ug/L	0.49	0.15	1		12/19/18 03:28	98-06-6	
Carbon tetrachloride	**<0.19**	ug/L	0.63	0.19	1		12/19/18 03:28	56-23-5	
Chlorobenzene	**<0.17**	ug/L	0.57	0.17	1		12/19/18 03:28	108-90-7	
Chloroethane	**<0.49**	ug/L	1.6	0.49	1		12/19/18 03:28	75-00-3	
Chloroform	**<0.45**	ug/L	1.5	0.45	1		12/19/18 03:28	67-66-3	
Chloromethane	**<0.16**	ug/L	0.52	0.16	1		12/19/18 03:28	74-87-3	CL
2-Chlorotoluene	**<0.16**	ug/L	0.54	0.16	1		12/19/18 03:28	95-49-8	
4-Chlorotoluene	**<0.13**	ug/L	0.45	0.13	1		12/19/18 03:28	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.5	1.7	1		12/19/18 03:28	96-12-8	
Dibromochloromethane	**<0.46**	ug/L	1.5	0.46	1		12/19/18 03:28	124-48-1	
1,2-Dibromoethane (EDB)	**<0.24**	ug/L	0.80	0.24	1		12/19/18 03:28	106-93-4	
Dibromomethane	**<0.39**	ug/L	1.3	0.39	1		12/19/18 03:28	74-95-3	
1,2-Dichlorobenzene	**<0.14**	ug/L	0.46	0.14	1		12/19/18 03:28	95-50-1	
1,3-Dichlorobenzene	**<0.16**	ug/L	0.54	0.16	1		12/19/18 03:28	541-73-1	
1,4-Dichlorobenzene	**<0.17**	ug/L	0.56	0.17	1		12/19/18 03:28	106-46-7	
Dichlorodifluoromethane	**<0.23**	ug/L	0.78	0.23	1		12/19/18 03:28	75-71-8	
1,1-Dichloroethane	**<0.17**	ug/L	0.57	0.17	1		12/19/18 03:28	75-34-3	
1,2-Dichloroethane	**<0.22**	ug/L	0.73	0.22	1		12/19/18 03:28	107-06-2	
1,1-Dichloroethene	**<0.16**	ug/L	0.53	0.16	1		12/19/18 03:28	75-35-4	
cis-1,2-Dichloroethene	**<0.15**	ug/L	0.51	0.15	1		12/19/18 03:28	156-59-2	
trans-1,2-Dichloroethene	**<0.24**	ug/L	0.79	0.24	1		12/19/18 03:28	156-60-5	
Dichlorofluoromethane	**<0.14**	ug/L	0.47	0.14	1		12/19/18 03:28	75-43-4	N2
1,2-Dichloropropane	**<0.16**	ug/L	0.55	0.16	1		12/19/18 03:28	78-87-5	
1,3-Dichloropropane	**<0.17**	ug/L	0.58	0.17	1		12/19/18 03:28	142-28-9	
2,2-Dichloropropane	**<0.17**	ug/L	0.57	0.17	1		12/19/18 03:28	594-20-7	
1,1-Dichloropropene	**<0.20**	ug/L	0.66	0.20	1		12/19/18 03:28	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	0.68	0.20	1		12/19/18 03:28	10061-01-5	
trans-1,3-Dichloropropene	**<0.18**	ug/L	0.61	0.18	1		12/19/18 03:28	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.095**	ug/L	0.32	0.095	1		12/19/18 03:28	60-29-7	
Ethylbenzene	**<0.14**	ug/L	0.46	0.14	1		12/19/18 03:28	100-41-4	
Hexachloro-1,3-butadiene	**<0.31**	ug/L	1.0	0.31	1		12/19/18 03:28	87-68-3	
Isopropylbenzene (Cumene)	**<0.18**	ug/L	0.62	0.18	1		12/19/18 03:28	98-82-8	
p-Isopropyltoluene	**<0.15**	ug/L	0.51	0.15	1		12/19/18 03:28	99-87-6	
Methylene Chloride	**<0.98**	ug/L	3.3	0.98	1		12/19/18 03:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.42**	ug/L	1.4	0.42	1		12/19/18 03:28	108-10-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Sample: MW-14 **Lab ID: 10458810004** Collected: 12/11/18 13:10 Received: 12/13/18 18:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**<0.16**	ug/L	0.54	0.16	1		12/19/18 03:28	1634-04-4	
Naphthalene	**<0.48**	ug/L	1.6	0.48	1		12/19/18 03:28	91-20-3	
n-Propylbenzene	**<0.10**	ug/L	0.34	0.10	1		12/19/18 03:28	103-65-1	
Styrene	**<0.19**	ug/L	0.62	0.19	1		12/19/18 03:28	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	0.65	0.20	1		12/19/18 03:28	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.17**	ug/L	0.57	0.17	1		12/19/18 03:28	79-34-5	
Tetrachloroethene	**2.0**	ug/L	0.57	0.17	1		12/19/18 03:28	127-18-4	
Tetrahydrofuran	**<2.2**	ug/L	7.4	2.2	1		12/19/18 03:28	109-99-9	
Toluene	**<0.083**	ug/L	0.28	0.083	1		12/19/18 03:28	108-88-3	
1,2,3-Trichlorobenzene	**<0.21**	ug/L	0.69	0.21	1		12/19/18 03:28	87-61-6	
1,2,4-Trichlorobenzene	**<0.20**	ug/L	0.66	0.20	1		12/19/18 03:28	120-82-1	
1,1,1-Trichloroethane	**<0.14**	ug/L	0.45	0.14	1		12/19/18 03:28	71-55-6	
1,1,2-Trichloroethane	**<0.18**	ug/L	0.60	0.18	1		12/19/18 03:28	79-00-5	
Trichloroethene	**0.31J**	ug/L	0.50	0.15	1		12/19/18 03:28	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/L	0.77	0.23	1		12/19/18 03:28	75-69-4	
1,2,3-Trichloropropane	**<0.26**	ug/L	0.86	0.26	1		12/19/18 03:28	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.47**	ug/L	1.6	0.47	1		12/19/18 03:28	76-13-1	
1,2,4-Trimethylbenzene	**<0.20**	ug/L	0.65	0.20	1		12/19/18 03:28	95-63-6	
1,3,5-Trimethylbenzene	**<0.12**	ug/L	0.41	0.12	1		12/19/18 03:28	108-67-8	
Vinyl chloride	**<0.092**	ug/L	0.31	0.092	1		12/19/18 03:28	75-01-4	
Xylene (Total)	**<0.31**	ug/L	1.0	0.31	1		12/19/18 03:28	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	89	%.	75-125		1		12/19/18 03:28	17060-07-0	
Toluene-d8 (S)	96	%.	75-125		1		12/19/18 03:28	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	75-125		1		12/19/18 03:28	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Sample: MW-17 **Lab ID: 10458810005** Collected: 12/11/18 14:15 Received: 12/13/18 18:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Acetone	**<9.2**	ug/L	30.8	9.2	1		12/19/18 03:45	67-64-1	
Allyl chloride	**<0.29**	ug/L	0.97	0.29	1		12/19/18 03:45	107-05-1	
Benzene	**<0.10**	ug/L	0.34	0.10	1		12/19/18 03:45	71-43-2	
Bromobenzene	**<0.21**	ug/L	0.69	0.21	1		12/19/18 03:45	108-86-1	
Bromochloromethane	**<0.27**	ug/L	0.91	0.27	1		12/19/18 03:45	74-97-5	
Bromodichloromethane	**<0.22**	ug/L	0.72	0.22	1		12/19/18 03:45	75-27-4	
Bromoform	**<0.80**	ug/L	2.7	0.80	1		12/19/18 03:45	75-25-2	
Bromomethane	**<1.8**	ug/L	6.1	1.8	1		12/19/18 03:45	74-83-9	
2-Butanone (MEK)	**<0.99**	ug/L	3.3	0.99	1		12/19/18 03:45	78-93-3	
n-Butylbenzene	**<0.24**	ug/L	0.80	0.24	1		12/19/18 03:45	104-51-8	
sec-Butylbenzene	**<0.15**	ug/L	0.50	0.15	1		12/19/18 03:45	135-98-8	
tert-Butylbenzene	**<0.15**	ug/L	0.49	0.15	1		12/19/18 03:45	98-06-6	
Carbon tetrachloride	**<0.19**	ug/L	0.63	0.19	1		12/19/18 03:45	56-23-5	
Chlorobenzene	**<0.17**	ug/L	0.57	0.17	1		12/19/18 03:45	108-90-7	
Chloroethane	**<0.49**	ug/L	1.6	0.49	1		12/19/18 03:45	75-00-3	
Chloroform	**<0.45**	ug/L	1.5	0.45	1		12/19/18 03:45	67-66-3	
Chloromethane	**<0.16**	ug/L	0.52	0.16	1		12/19/18 03:45	74-87-3	CL
2-Chlorotoluene	**<0.16**	ug/L	0.54	0.16	1		12/19/18 03:45	95-49-8	
4-Chlorotoluene	**<0.13**	ug/L	0.45	0.13	1		12/19/18 03:45	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.5	1.7	1		12/19/18 03:45	96-12-8	
Dibromochloromethane	**<0.46**	ug/L	1.5	0.46	1		12/19/18 03:45	124-48-1	
1,2-Dibromoethane (EDB)	**<0.24**	ug/L	0.80	0.24	1		12/19/18 03:45	106-93-4	
Dibromomethane	**<0.39**	ug/L	1.3	0.39	1		12/19/18 03:45	74-95-3	
1,2-Dichlorobenzene	**<0.14**	ug/L	0.46	0.14	1		12/19/18 03:45	95-50-1	
1,3-Dichlorobenzene	**<0.16**	ug/L	0.54	0.16	1		12/19/18 03:45	541-73-1	
1,4-Dichlorobenzene	**<0.17**	ug/L	0.56	0.17	1		12/19/18 03:45	106-46-7	
Dichlorodifluoromethane	**<0.23**	ug/L	0.78	0.23	1		12/19/18 03:45	75-71-8	
1,1-Dichloroethane	**<0.17**	ug/L	0.57	0.17	1		12/19/18 03:45	75-34-3	
1,2-Dichloroethane	**<0.22**	ug/L	0.73	0.22	1		12/19/18 03:45	107-06-2	
1,1-Dichloroethene	**<0.16**	ug/L	0.53	0.16	1		12/19/18 03:45	75-35-4	
cis-1,2-Dichloroethene	**<0.15**	ug/L	0.51	0.15	1		12/19/18 03:45	156-59-2	
trans-1,2-Dichloroethene	**<0.24**	ug/L	0.79	0.24	1		12/19/18 03:45	156-60-5	
Dichlorofluoromethane	**<0.14**	ug/L	0.47	0.14	1		12/19/18 03:45	75-43-4	N2
1,2-Dichloropropane	**<0.16**	ug/L	0.55	0.16	1		12/19/18 03:45	78-87-5	
1,3-Dichloropropane	**<0.17**	ug/L	0.58	0.17	1		12/19/18 03:45	142-28-9	
2,2-Dichloropropane	**<0.17**	ug/L	0.57	0.17	1		12/19/18 03:45	594-20-7	
1,1-Dichloropropene	**<0.20**	ug/L	0.66	0.20	1		12/19/18 03:45	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	0.68	0.20	1		12/19/18 03:45	10061-01-5	
trans-1,3-Dichloropropene	**<0.18**	ug/L	0.61	0.18	1		12/19/18 03:45	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.095**	ug/L	0.32	0.095	1		12/19/18 03:45	60-29-7	
Ethylbenzene	**<0.14**	ug/L	0.46	0.14	1		12/19/18 03:45	100-41-4	
Hexachloro-1,3-butadiene	**<0.31**	ug/L	1.0	0.31	1		12/19/18 03:45	87-68-3	
Isopropylbenzene (Cumene)	**<0.18**	ug/L	0.62	0.18	1		12/19/18 03:45	98-82-8	
p-Isopropyltoluene	**<0.15**	ug/L	0.51	0.15	1		12/19/18 03:45	99-87-6	
Methylene Chloride	**<0.98**	ug/L	3.3	0.98	1		12/19/18 03:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.42**	ug/L	1.4	0.42	1		12/19/18 03:45	108-10-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Sample: MW-17 **Lab ID: 10458810005** Collected: 12/11/18 14:15 Received: 12/13/18 18:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**<0.16**	ug/L	0.54	0.16	1		12/19/18 03:45	1634-04-4	
Naphthalene	**<0.48**	ug/L	1.6	0.48	1		12/19/18 03:45	91-20-3	
n-Propylbenzene	**<0.10**	ug/L	0.34	0.10	1		12/19/18 03:45	103-65-1	
Styrene	**<0.19**	ug/L	0.62	0.19	1		12/19/18 03:45	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	0.65	0.20	1		12/19/18 03:45	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.17**	ug/L	0.57	0.17	1		12/19/18 03:45	79-34-5	
Tetrachloroethene	**0.82**	ug/L	0.57	0.17	1		12/19/18 03:45	127-18-4	
Tetrahydrofuran	**<2.2**	ug/L	7.4	2.2	1		12/19/18 03:45	109-99-9	
Toluene	**<0.083**	ug/L	0.28	0.083	1		12/19/18 03:45	108-88-3	
1,2,3-Trichlorobenzene	**<0.21**	ug/L	0.69	0.21	1		12/19/18 03:45	87-61-6	
1,2,4-Trichlorobenzene	**<0.20**	ug/L	0.66	0.20	1		12/19/18 03:45	120-82-1	
1,1,1-Trichloroethane	**<0.14**	ug/L	0.45	0.14	1		12/19/18 03:45	71-55-6	
1,1,2-Trichloroethane	**<0.18**	ug/L	0.60	0.18	1		12/19/18 03:45	79-00-5	
Trichloroethene	**<0.15**	ug/L	0.50	0.15	1		12/19/18 03:45	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/L	0.77	0.23	1		12/19/18 03:45	75-69-4	
1,2,3-Trichloropropane	**<0.26**	ug/L	0.86	0.26	1		12/19/18 03:45	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.47**	ug/L	1.6	0.47	1		12/19/18 03:45	76-13-1	
1,2,4-Trimethylbenzene	**<0.20**	ug/L	0.65	0.20	1		12/19/18 03:45	95-63-6	
1,3,5-Trimethylbenzene	**<0.12**	ug/L	0.41	0.12	1		12/19/18 03:45	108-67-8	
Vinyl chloride	**<0.092**	ug/L	0.31	0.092	1		12/19/18 03:45	75-01-4	
Xylene (Total)	**<0.31**	ug/L	1.0	0.31	1		12/19/18 03:45	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	89	%.	75-125		1		12/19/18 03:45	17060-07-0	
Toluene-d8 (S)	95	%.	75-125		1		12/19/18 03:45	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	75-125		1		12/19/18 03:45	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Minneapolis, MN 55414
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Sample: MW-17-40 **Lab ID: 10458810006** Collected: 12/11/18 14:30 Received: 12/13/18 18:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Acetone	**<9.2**	ug/L	30.8	9.2	1		12/19/18 04:01	67-64-1	
Allyl chloride	**<0.29**	ug/L	0.97	0.29	1		12/19/18 04:01	107-05-1	
Benzene	**<0.10**	ug/L	0.34	0.10	1		12/19/18 04:01	71-43-2	
Bromobenzene	**<0.21**	ug/L	0.69	0.21	1		12/19/18 04:01	108-86-1	
Bromochloromethane	**<0.27**	ug/L	0.91	0.27	1		12/19/18 04:01	74-97-5	
Bromodichloromethane	**<0.22**	ug/L	0.72	0.22	1		12/19/18 04:01	75-27-4	
Bromoform	**<0.80**	ug/L	2.7	0.80	1		12/19/18 04:01	75-25-2	
Bromomethane	**<1.8**	ug/L	6.1	1.8	1		12/19/18 04:01	74-83-9	
2-Butanone (MEK)	**<0.99**	ug/L	3.3	0.99	1		12/19/18 04:01	78-93-3	
n-Butylbenzene	**<0.24**	ug/L	0.80	0.24	1		12/19/18 04:01	104-51-8	
sec-Butylbenzene	**<0.15**	ug/L	0.50	0.15	1		12/19/18 04:01	135-98-8	
tert-Butylbenzene	**<0.15**	ug/L	0.49	0.15	1		12/19/18 04:01	98-06-6	
Carbon tetrachloride	**<0.19**	ug/L	0.63	0.19	1		12/19/18 04:01	56-23-5	
Chlorobenzene	**<0.17**	ug/L	0.57	0.17	1		12/19/18 04:01	108-90-7	
Chloroethane	**<0.49**	ug/L	1.6	0.49	1		12/19/18 04:01	75-00-3	
Chloroform	**<0.45**	ug/L	1.5	0.45	1		12/19/18 04:01	67-66-3	
Chloromethane	**<0.16**	ug/L	0.52	0.16	1		12/19/18 04:01	74-87-3	CL
2-Chlorotoluene	**<0.16**	ug/L	0.54	0.16	1		12/19/18 04:01	95-49-8	
4-Chlorotoluene	**<0.13**	ug/L	0.45	0.13	1		12/19/18 04:01	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.5	1.7	1		12/19/18 04:01	96-12-8	
Dibromochloromethane	**<0.46**	ug/L	1.5	0.46	1		12/19/18 04:01	124-48-1	
1,2-Dibromoethane (EDB)	**<0.24**	ug/L	0.80	0.24	1		12/19/18 04:01	106-93-4	
Dibromomethane	**<0.39**	ug/L	1.3	0.39	1		12/19/18 04:01	74-95-3	
1,2-Dichlorobenzene	**<0.14**	ug/L	0.46	0.14	1		12/19/18 04:01	95-50-1	
1,3-Dichlorobenzene	**<0.16**	ug/L	0.54	0.16	1		12/19/18 04:01	541-73-1	
1,4-Dichlorobenzene	**<0.17**	ug/L	0.56	0.17	1		12/19/18 04:01	106-46-7	
Dichlorodifluoromethane	**<0.23**	ug/L	0.78	0.23	1		12/19/18 04:01	75-71-8	
1,1-Dichloroethane	**<0.17**	ug/L	0.57	0.17	1		12/19/18 04:01	75-34-3	
1,2-Dichloroethane	**<0.22**	ug/L	0.73	0.22	1		12/19/18 04:01	107-06-2	
1,1-Dichloroethene	**<0.16**	ug/L	0.53	0.16	1		12/19/18 04:01	75-35-4	
cis-1,2-Dichloroethene	**<0.15**	ug/L	0.51	0.15	1		12/19/18 04:01	156-59-2	
trans-1,2-Dichloroethene	**<0.24**	ug/L	0.79	0.24	1		12/19/18 04:01	156-60-5	
Dichlorofluoromethane	**<0.14**	ug/L	0.47	0.14	1		12/19/18 04:01	75-43-4	N2
1,2-Dichloropropane	**<0.16**	ug/L	0.55	0.16	1		12/19/18 04:01	78-87-5	
1,3-Dichloropropane	**<0.17**	ug/L	0.58	0.17	1		12/19/18 04:01	142-28-9	
2,2-Dichloropropane	**<0.17**	ug/L	0.57	0.17	1		12/19/18 04:01	594-20-7	
1,1-Dichloropropene	**<0.20**	ug/L	0.66	0.20	1		12/19/18 04:01	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	0.68	0.20	1		12/19/18 04:01	10061-01-5	
trans-1,3-Dichloropropene	**<0.18**	ug/L	0.61	0.18	1		12/19/18 04:01	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.095**	ug/L	0.32	0.095	1		12/19/18 04:01	60-29-7	
Ethylbenzene	**<0.14**	ug/L	0.46	0.14	1		12/19/18 04:01	100-41-4	
Hexachloro-1,3-butadiene	**<0.31**	ug/L	1.0	0.31	1		12/19/18 04:01	87-68-3	
Isopropylbenzene (Cumene)	**<0.18**	ug/L	0.62	0.18	1		12/19/18 04:01	98-82-8	
p-Isopropyltoluene	**<0.15**	ug/L	0.51	0.15	1		12/19/18 04:01	99-87-6	
Methylene Chloride	**<0.98**	ug/L	3.3	0.98	1		12/19/18 04:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.42**	ug/L	1.4	0.42	1		12/19/18 04:01	108-10-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Sample: MW-17-40 **Lab ID: 10458810006** Collected: 12/11/18 14:30 Received: 12/13/18 18:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**<0.16**	ug/L	0.54	0.16	1		12/19/18 04:01	1634-04-4	
Naphthalene	**<0.48**	ug/L	1.6	0.48	1		12/19/18 04:01	91-20-3	
n-Propylbenzene	**<0.10**	ug/L	0.34	0.10	1		12/19/18 04:01	103-65-1	
Styrene	**<0.19**	ug/L	0.62	0.19	1		12/19/18 04:01	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	0.65	0.20	1		12/19/18 04:01	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.17**	ug/L	0.57	0.17	1		12/19/18 04:01	79-34-5	
Tetrachloroethene	**<0.17**	ug/L	0.57	0.17	1		12/19/18 04:01	127-18-4	
Tetrahydrofuran	**<2.2**	ug/L	7.4	2.2	1		12/19/18 04:01	109-99-9	
Toluene	**<0.083**	ug/L	0.28	0.083	1		12/19/18 04:01	108-88-3	
1,2,3-Trichlorobenzene	**<0.21**	ug/L	0.69	0.21	1		12/19/18 04:01	87-61-6	
1,2,4-Trichlorobenzene	**<0.20**	ug/L	0.66	0.20	1		12/19/18 04:01	120-82-1	
1,1,1-Trichloroethane	**<0.14**	ug/L	0.45	0.14	1		12/19/18 04:01	71-55-6	
1,1,2-Trichloroethane	**<0.18**	ug/L	0.60	0.18	1		12/19/18 04:01	79-00-5	
Trichloroethene	**<0.15**	ug/L	0.50	0.15	1		12/19/18 04:01	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/L	0.77	0.23	1		12/19/18 04:01	75-69-4	
1,2,3-Trichloropropane	**<0.26**	ug/L	0.86	0.26	1		12/19/18 04:01	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.47**	ug/L	1.6	0.47	1		12/19/18 04:01	76-13-1	
1,2,4-Trimethylbenzene	**<0.20**	ug/L	0.65	0.20	1		12/19/18 04:01	95-63-6	
1,3,5-Trimethylbenzene	**<0.12**	ug/L	0.41	0.12	1		12/19/18 04:01	108-67-8	
Vinyl chloride	**<0.092**	ug/L	0.31	0.092	1		12/19/18 04:01	75-01-4	
Xylene (Total)	**<0.31**	ug/L	1.0	0.31	1		12/19/18 04:01	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	89	%.	75-125		1		12/19/18 04:01	17060-07-0	
Toluene-d8 (S)	94	%.	75-125		1		12/19/18 04:01	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	75-125		1		12/19/18 04:01	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Sample: MW-17-70 **Lab ID: 10458810007** Collected: 12/11/18 14:40 Received: 12/13/18 18:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Acetone	**<9.2**	ug/L	30.8	9.2	1		12/19/18 04:17	67-64-1	
Allyl chloride	**<0.29**	ug/L	0.97	0.29	1		12/19/18 04:17	107-05-1	
Benzene	**<0.10**	ug/L	0.34	0.10	1		12/19/18 04:17	71-43-2	
Bromobenzene	**<0.21**	ug/L	0.69	0.21	1		12/19/18 04:17	108-86-1	
Bromochloromethane	**<0.27**	ug/L	0.91	0.27	1		12/19/18 04:17	74-97-5	
Bromodichloromethane	**<0.22**	ug/L	0.72	0.22	1		12/19/18 04:17	75-27-4	
Bromoform	**<0.80**	ug/L	2.7	0.80	1		12/19/18 04:17	75-25-2	
Bromomethane	**<1.8**	ug/L	6.1	1.8	1		12/19/18 04:17	74-83-9	
2-Butanone (MEK)	**<0.99**	ug/L	3.3	0.99	1		12/19/18 04:17	78-93-3	
n-Butylbenzene	**<0.24**	ug/L	0.80	0.24	1		12/19/18 04:17	104-51-8	
sec-Butylbenzene	**<0.15**	ug/L	0.50	0.15	1		12/19/18 04:17	135-98-8	
tert-Butylbenzene	**<0.15**	ug/L	0.49	0.15	1		12/19/18 04:17	98-06-6	
Carbon tetrachloride	**<0.19**	ug/L	0.63	0.19	1		12/19/18 04:17	56-23-5	
Chlorobenzene	**<0.17**	ug/L	0.57	0.17	1		12/19/18 04:17	108-90-7	
Chloroethane	**<0.49**	ug/L	1.6	0.49	1		12/19/18 04:17	75-00-3	
Chloroform	**<0.45**	ug/L	1.5	0.45	1		12/19/18 04:17	67-66-3	
Chloromethane	**<0.16**	ug/L	0.52	0.16	1		12/19/18 04:17	74-87-3	CL
2-Chlorotoluene	**<0.16**	ug/L	0.54	0.16	1		12/19/18 04:17	95-49-8	
4-Chlorotoluene	**<0.13**	ug/L	0.45	0.13	1		12/19/18 04:17	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.5	1.7	1		12/19/18 04:17	96-12-8	
Dibromochloromethane	**<0.46**	ug/L	1.5	0.46	1		12/19/18 04:17	124-48-1	
1,2-Dibromoethane (EDB)	**<0.24**	ug/L	0.80	0.24	1		12/19/18 04:17	106-93-4	
Dibromomethane	**<0.39**	ug/L	1.3	0.39	1		12/19/18 04:17	74-95-3	
1,2-Dichlorobenzene	**<0.14**	ug/L	0.46	0.14	1		12/19/18 04:17	95-50-1	
1,3-Dichlorobenzene	**<0.16**	ug/L	0.54	0.16	1		12/19/18 04:17	541-73-1	
1,4-Dichlorobenzene	**<0.17**	ug/L	0.56	0.17	1		12/19/18 04:17	106-46-7	
Dichlorodifluoromethane	**<0.23**	ug/L	0.78	0.23	1		12/19/18 04:17	75-71-8	
1,1-Dichloroethane	**<0.17**	ug/L	0.57	0.17	1		12/19/18 04:17	75-34-3	
1,2-Dichloroethane	**<0.22**	ug/L	0.73	0.22	1		12/19/18 04:17	107-06-2	
1,1-Dichloroethene	**<0.16**	ug/L	0.53	0.16	1		12/19/18 04:17	75-35-4	
cis-1,2-Dichloroethene	**<0.15**	ug/L	0.51	0.15	1		12/19/18 04:17	156-59-2	
trans-1,2-Dichloroethene	**<0.24**	ug/L	0.79	0.24	1		12/19/18 04:17	156-60-5	
Dichlorofluoromethane	**<0.14**	ug/L	0.47	0.14	1		12/19/18 04:17	75-43-4	N2
1,2-Dichloropropane	**<0.16**	ug/L	0.55	0.16	1		12/19/18 04:17	78-87-5	
1,3-Dichloropropane	**<0.17**	ug/L	0.58	0.17	1		12/19/18 04:17	142-28-9	
2,2-Dichloropropane	**<0.17**	ug/L	0.57	0.17	1		12/19/18 04:17	594-20-7	
1,1-Dichloropropene	**<0.20**	ug/L	0.66	0.20	1		12/19/18 04:17	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	0.68	0.20	1		12/19/18 04:17	10061-01-5	
trans-1,3-Dichloropropene	**<0.18**	ug/L	0.61	0.18	1		12/19/18 04:17	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.095**	ug/L	0.32	0.095	1		12/19/18 04:17	60-29-7	
Ethylbenzene	**<0.14**	ug/L	0.46	0.14	1		12/19/18 04:17	100-41-4	
Hexachloro-1,3-butadiene	**<0.31**	ug/L	1.0	0.31	1		12/19/18 04:17	87-68-3	
Isopropylbenzene (Cumene)	**<0.18**	ug/L	0.62	0.18	1		12/19/18 04:17	98-82-8	
p-Isopropyltoluene	**<0.15**	ug/L	0.51	0.15	1		12/19/18 04:17	99-87-6	
Methylene Chloride	**<0.98**	ug/L	3.3	0.98	1		12/19/18 04:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.42**	ug/L	1.4	0.42	1		12/19/18 04:17	108-10-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Sample: MW-17-70 **Lab ID: 10458810007** Collected: 12/11/18 14:40 Received: 12/13/18 18:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**<0.16**	ug/L	0.54	0.16	1		12/19/18 04:17	1634-04-4	
Naphthalene	**<0.48**	ug/L	1.6	0.48	1		12/19/18 04:17	91-20-3	
n-Propylbenzene	**<0.10**	ug/L	0.34	0.10	1		12/19/18 04:17	103-65-1	
Styrene	**<0.19**	ug/L	0.62	0.19	1		12/19/18 04:17	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	0.65	0.20	1		12/19/18 04:17	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.17**	ug/L	0.57	0.17	1		12/19/18 04:17	79-34-5	
Tetrachloroethene	**<0.17**	ug/L	0.57	0.17	1		12/19/18 04:17	127-18-4	
Tetrahydrofuran	**<2.2**	ug/L	7.4	2.2	1		12/19/18 04:17	109-99-9	
Toluene	**<0.083**	ug/L	0.28	0.083	1		12/19/18 04:17	108-88-3	
1,2,3-Trichlorobenzene	**<0.21**	ug/L	0.69	0.21	1		12/19/18 04:17	87-61-6	
1,2,4-Trichlorobenzene	**<0.20**	ug/L	0.66	0.20	1		12/19/18 04:17	120-82-1	
1,1,1-Trichloroethane	**<0.14**	ug/L	0.45	0.14	1		12/19/18 04:17	71-55-6	
1,1,2-Trichloroethane	**<0.18**	ug/L	0.60	0.18	1		12/19/18 04:17	79-00-5	
Trichloroethene	**<0.15**	ug/L	0.50	0.15	1		12/19/18 04:17	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/L	0.77	0.23	1		12/19/18 04:17	75-69-4	
1,2,3-Trichloropropane	**<0.26**	ug/L	0.86	0.26	1		12/19/18 04:17	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.47**	ug/L	1.6	0.47	1		12/19/18 04:17	76-13-1	
1,2,4-Trimethylbenzene	**<0.20**	ug/L	0.65	0.20	1		12/19/18 04:17	95-63-6	
1,3,5-Trimethylbenzene	**<0.12**	ug/L	0.41	0.12	1		12/19/18 04:17	108-67-8	
Vinyl chloride	**<0.092**	ug/L	0.31	0.092	1		12/19/18 04:17	75-01-4	
Xylene (Total)	**<0.31**	ug/L	1.0	0.31	1		12/19/18 04:17	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	88	%.	75-125		1		12/19/18 04:17	17060-07-0	
Toluene-d8 (S)	96	%.	75-125		1		12/19/18 04:17	2037-26-5	
4-Bromofluorobenzene (S)	96	%.	75-125		1		12/19/18 04:17	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Sample: MW-6LT **Lab ID: 10458810008** Collected: 12/11/18 13:40 Received: 12/13/18 18:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Acetone	**<9.2**	ug/L	20.0	9.2	1		12/19/18 14:03	67-64-1	
Allyl chloride	**<0.29**	ug/L	4.0	0.29	1		12/19/18 14:03	107-05-1	
Benzene	**<0.10**	ug/L	1.0	0.10	1		12/19/18 14:03	71-43-2	
Bromobenzene	**<0.21**	ug/L	1.0	0.21	1		12/19/18 14:03	108-86-1	
Bromochloromethane	**<0.27**	ug/L	1.0	0.27	1		12/19/18 14:03	74-97-5	
Bromodichloromethane	**<0.22**	ug/L	1.0	0.22	1		12/19/18 14:03	75-27-4	
Bromoform	**<0.80**	ug/L	4.0	0.80	1		12/19/18 14:03	75-25-2	
Bromomethane	**<1.8**	ug/L	4.0	1.8	1		12/19/18 14:03	74-83-9	
2-Butanone (MEK)	**<0.99**	ug/L	5.0	0.99	1		12/19/18 14:03	78-93-3	
n-Butylbenzene	**<0.24**	ug/L	1.0	0.24	1		12/19/18 14:03	104-51-8	
sec-Butylbenzene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 14:03	135-98-8	
tert-Butylbenzene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 14:03	98-06-6	
Carbon tetrachloride	**<0.19**	ug/L	1.0	0.19	1		12/19/18 14:03	56-23-5	
Chlorobenzene	**<0.17**	ug/L	1.0	0.17	1		12/19/18 14:03	108-90-7	
Chloroethane	**<0.49**	ug/L	4.0	0.49	1		12/19/18 14:03	75-00-3	
Chloroform	**<0.45**	ug/L	1.0	0.45	1		12/19/18 14:03	67-66-3	
Chloromethane	**<0.16**	ug/L	4.0	0.16	1		12/19/18 14:03	74-87-3	
2-Chlorotoluene	**<0.16**	ug/L	1.0	0.16	1		12/19/18 14:03	95-49-8	
4-Chlorotoluene	**<0.13**	ug/L	1.0	0.13	1		12/19/18 14:03	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	4.0	1.7	1		12/19/18 14:03	96-12-8	
Dibromochloromethane	**<0.46**	ug/L	1.0	0.46	1		12/19/18 14:03	124-48-1	
1,2-Dibromoethane (EDB)	**<0.24**	ug/L	1.0	0.24	1		12/19/18 14:03	106-93-4	
Dibromomethane	**<0.39**	ug/L	4.0	0.39	1		12/19/18 14:03	74-95-3	
1,2-Dichlorobenzene	**<0.14**	ug/L	1.0	0.14	1		12/19/18 14:03	95-50-1	
1,3-Dichlorobenzene	**<0.16**	ug/L	1.0	0.16	1		12/19/18 14:03	541-73-1	
1,4-Dichlorobenzene	**<0.17**	ug/L	1.0	0.17	1		12/19/18 14:03	106-46-7	
Dichlorodifluoromethane	**<0.23**	ug/L	1.0	0.23	1		12/19/18 14:03	75-71-8	
1,1-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		12/19/18 14:03	75-34-3	
1,2-Dichloroethane	**<0.22**	ug/L	1.0	0.22	1		12/19/18 14:03	107-06-2	
1,1-Dichloroethene	**<0.16**	ug/L	1.0	0.16	1		12/19/18 14:03	75-35-4	
cis-1,2-Dichloroethene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 14:03	156-59-2	
trans-1,2-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/19/18 14:03	156-60-5	
Dichlorofluoromethane	**<0.14**	ug/L	1.0	0.14	1		12/19/18 14:03	75-43-4	N2
1,2-Dichloropropane	**<0.16**	ug/L	4.0	0.16	1		12/19/18 14:03	78-87-5	
1,3-Dichloropropane	**<0.17**	ug/L	1.0	0.17	1		12/19/18 14:03	142-28-9	
2,2-Dichloropropane	**<0.17**	ug/L	4.0	0.17	1		12/19/18 14:03	594-20-7	
1,1-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		12/19/18 14:03	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	4.0	0.20	1		12/19/18 14:03	10061-01-5	
trans-1,3-Dichloropropene	**<0.18**	ug/L	4.0	0.18	1		12/19/18 14:03	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.095**	ug/L	4.0	0.095	1		12/19/18 14:03	60-29-7	
Ethylbenzene	**<0.14**	ug/L	1.0	0.14	1		12/19/18 14:03	100-41-4	
Hexachloro-1,3-butadiene	**<0.31**	ug/L	1.0	0.31	1		12/19/18 14:03	87-68-3	
Isopropylbenzene (Cumene)	**<0.18**	ug/L	1.0	0.18	1		12/19/18 14:03	98-82-8	
p-Isopropyltoluene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 14:03	99-87-6	
Methylene Chloride	**<0.98**	ug/L	4.0	0.98	1		12/19/18 14:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.42**	ug/L	5.0	0.42	1		12/19/18 14:03	108-10-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Sample: MW-6LT **Lab ID: 10458810008** Collected: 12/11/18 13:40 Received: 12/13/18 18:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**<0.16**	ug/L	1.0	0.16	1		12/19/18 14:03	1634-04-4	
Naphthalene	**<0.48**	ug/L	4.0	0.48	1		12/19/18 14:03	91-20-3	
n-Propylbenzene	**<0.10**	ug/L	1.0	0.10	1		12/19/18 14:03	103-65-1	
Styrene	**<0.19**	ug/L	1.0	0.19	1		12/19/18 14:03	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		12/19/18 14:03	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.17**	ug/L	1.0	0.17	1		12/19/18 14:03	79-34-5	
Tetrachloroethene	**<0.17**	ug/L	1.0	0.17	1		12/19/18 14:03	127-18-4	
Tetrahydrofuran	**<2.2**	ug/L	10.0	2.2	1		12/19/18 14:03	109-99-9	
Toluene	**<0.083**	ug/L	1.0	0.083	1		12/19/18 14:03	108-88-3	
1,2,3-Trichlorobenzene	**<0.21**	ug/L	1.0	0.21	1		12/19/18 14:03	87-61-6	
1,2,4-Trichlorobenzene	**<0.20**	ug/L	1.0	0.20	1		12/19/18 14:03	120-82-1	
1,1,1-Trichloroethane	**<0.14**	ug/L	1.0	0.14	1		12/19/18 14:03	71-55-6	
1,1,2-Trichloroethane	**<0.18**	ug/L	1.0	0.18	1		12/19/18 14:03	79-00-5	
Trichloroethene	**<0.15**	ug/L	0.40	0.15	1		12/19/18 14:03	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/L	1.0	0.23	1		12/19/18 14:03	75-69-4	
1,2,3-Trichloropropane	**<0.26**	ug/L	4.0	0.26	1		12/19/18 14:03	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.47**	ug/L	1.0	0.47	1		12/19/18 14:03	76-13-1	
1,2,4-Trimethylbenzene	**<0.20**	ug/L	1.0	0.20	1		12/19/18 14:03	95-63-6	
1,3,5-Trimethylbenzene	**<0.12**	ug/L	1.0	0.12	1		12/19/18 14:03	108-67-8	
Vinyl chloride	**<0.092**	ug/L	0.20	0.092	1		12/19/18 14:03	75-01-4	
Xylene (Total)	**<0.31**	ug/L	3.0	0.31	1		12/19/18 14:03	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%.	75-125		1		12/19/18 14:03	17060-07-0	
Toluene-d8 (S)	103	%.	75-125		1		12/19/18 14:03	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	75-125		1		12/19/18 14:03	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Sample: MW-6-30LT **Lab ID: 10458810009** Collected: 12/11/18 13:50 Received: 12/13/18 18:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Acetone	**<9.2**	ug/L	20.0	9.2	1		12/19/18 14:27	67-64-1	
Allyl chloride	**<0.29**	ug/L	4.0	0.29	1		12/19/18 14:27	107-05-1	
Benzene	**<0.10**	ug/L	1.0	0.10	1		12/19/18 14:27	71-43-2	
Bromobenzene	**<0.21**	ug/L	1.0	0.21	1		12/19/18 14:27	108-86-1	
Bromochloromethane	**<0.27**	ug/L	1.0	0.27	1		12/19/18 14:27	74-97-5	
Bromodichloromethane	**<0.22**	ug/L	1.0	0.22	1		12/19/18 14:27	75-27-4	
Bromoform	**<0.80**	ug/L	4.0	0.80	1		12/19/18 14:27	75-25-2	
Bromomethane	**<1.8**	ug/L	4.0	1.8	1		12/19/18 14:27	74-83-9	
2-Butanone (MEK)	**<0.99**	ug/L	5.0	0.99	1		12/19/18 14:27	78-93-3	
n-Butylbenzene	**<0.24**	ug/L	1.0	0.24	1		12/19/18 14:27	104-51-8	
sec-Butylbenzene	**0.75J**	ug/L	1.0	0.15	1		12/19/18 14:27	135-98-8	
tert-Butylbenzene	**0.40J**	ug/L	1.0	0.15	1		12/19/18 14:27	98-06-6	
Carbon tetrachloride	**<0.19**	ug/L	1.0	0.19	1		12/19/18 14:27	56-23-5	
Chlorobenzene	**<0.17**	ug/L	1.0	0.17	1		12/19/18 14:27	108-90-7	
Chloroethane	**<0.49**	ug/L	4.0	0.49	1		12/19/18 14:27	75-00-3	
Chloroform	**<0.45**	ug/L	1.0	0.45	1		12/19/18 14:27	67-66-3	
Chloromethane	**<0.16**	ug/L	4.0	0.16	1		12/19/18 14:27	74-87-3	
2-Chlorotoluene	**<0.16**	ug/L	1.0	0.16	1		12/19/18 14:27	95-49-8	
4-Chlorotoluene	**<0.13**	ug/L	1.0	0.13	1		12/19/18 14:27	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	4.0	1.7	1		12/19/18 14:27	96-12-8	
Dibromochloromethane	**<0.46**	ug/L	1.0	0.46	1		12/19/18 14:27	124-48-1	
1,2-Dibromoethane (EDB)	**<0.24**	ug/L	1.0	0.24	1		12/19/18 14:27	106-93-4	
Dibromomethane	**<0.39**	ug/L	4.0	0.39	1		12/19/18 14:27	74-95-3	
1,2-Dichlorobenzene	**<0.14**	ug/L	1.0	0.14	1		12/19/18 14:27	95-50-1	
1,3-Dichlorobenzene	**<0.16**	ug/L	1.0	0.16	1		12/19/18 14:27	541-73-1	
1,4-Dichlorobenzene	**<0.17**	ug/L	1.0	0.17	1		12/19/18 14:27	106-46-7	
Dichlorodifluoromethane	**<0.23**	ug/L	1.0	0.23	1		12/19/18 14:27	75-71-8	
1,1-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		12/19/18 14:27	75-34-3	
1,2-Dichloroethane	**<0.22**	ug/L	1.0	0.22	1		12/19/18 14:27	107-06-2	
1,1-Dichloroethene	**<0.16**	ug/L	1.0	0.16	1		12/19/18 14:27	75-35-4	
cis-1,2-Dichloroethene	**0.42J**	ug/L	1.0	0.15	1		12/19/18 14:27	156-59-2	
trans-1,2-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/19/18 14:27	156-60-5	
Dichlorofluoromethane	**<0.14**	ug/L	1.0	0.14	1		12/19/18 14:27	75-43-4	N2
1,2-Dichloropropane	**<0.16**	ug/L	4.0	0.16	1		12/19/18 14:27	78-87-5	
1,3-Dichloropropane	**<0.17**	ug/L	1.0	0.17	1		12/19/18 14:27	142-28-9	
2,2-Dichloropropane	**<0.17**	ug/L	4.0	0.17	1		12/19/18 14:27	594-20-7	
1,1-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		12/19/18 14:27	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	4.0	0.20	1		12/19/18 14:27	10061-01-5	
trans-1,3-Dichloropropene	**<0.18**	ug/L	4.0	0.18	1		12/19/18 14:27	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.095**	ug/L	4.0	0.095	1		12/19/18 14:27	60-29-7	
Ethylbenzene	**<0.14**	ug/L	1.0	0.14	1		12/19/18 14:27	100-41-4	
Hexachloro-1,3-butadiene	**<0.31**	ug/L	1.0	0.31	1		12/19/18 14:27	87-68-3	
Isopropylbenzene (Cumene)	**<0.18**	ug/L	1.0	0.18	1		12/19/18 14:27	98-82-8	
p-Isopropyltoluene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 14:27	99-87-6	
Methylene Chloride	**<0.98**	ug/L	4.0	0.98	1		12/19/18 14:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.42**	ug/L	5.0	0.42	1		12/19/18 14:27	108-10-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Sample: MW-6-30LT **Lab ID: 10458810009** Collected: 12/11/18 13:50 Received: 12/13/18 18:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**<0.16**	ug/L	1.0	0.16	1		12/19/18 14:27	1634-04-4	
Naphthalene	**<0.48**	ug/L	4.0	0.48	1		12/19/18 14:27	91-20-3	
n-Propylbenzene	**<0.10**	ug/L	1.0	0.10	1		12/19/18 14:27	103-65-1	
Styrene	**<0.19**	ug/L	1.0	0.19	1		12/19/18 14:27	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		12/19/18 14:27	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.17**	ug/L	1.0	0.17	1		12/19/18 14:27	79-34-5	
Tetrachloroethene	**1.1**	ug/L	1.0	0.17	1		12/19/18 14:27	127-18-4	
Tetrahydrofuran	**<2.2**	ug/L	10.0	2.2	1		12/19/18 14:27	109-99-9	
Toluene	**<0.083**	ug/L	1.0	0.083	1		12/19/18 14:27	108-88-3	
1,2,3-Trichlorobenzene	**<0.21**	ug/L	1.0	0.21	1		12/19/18 14:27	87-61-6	
1,2,4-Trichlorobenzene	**<0.20**	ug/L	1.0	0.20	1		12/19/18 14:27	120-82-1	
1,1,1-Trichloroethane	**<0.14**	ug/L	1.0	0.14	1		12/19/18 14:27	71-55-6	
1,1,2-Trichloroethane	**<0.18**	ug/L	1.0	0.18	1		12/19/18 14:27	79-00-5	
Trichloroethene	**0.24J**	ug/L	0.40	0.15	1		12/19/18 14:27	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/L	1.0	0.23	1		12/19/18 14:27	75-69-4	
1,2,3-Trichloropropane	**<0.26**	ug/L	4.0	0.26	1		12/19/18 14:27	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.47**	ug/L	1.0	0.47	1		12/19/18 14:27	76-13-1	
1,2,4-Trimethylbenzene	**<0.20**	ug/L	1.0	0.20	1		12/19/18 14:27	95-63-6	
1,3,5-Trimethylbenzene	**<0.12**	ug/L	1.0	0.12	1		12/19/18 14:27	108-67-8	
Vinyl chloride	**<0.092**	ug/L	0.20	0.092	1		12/19/18 14:27	75-01-4	
Xylene (Total)	**<0.31**	ug/L	3.0	0.31	1		12/19/18 14:27	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%.	75-125		1		12/19/18 14:27	17060-07-0	
Toluene-d8 (S)	103	%.	75-125		1		12/19/18 14:27	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	75-125		1		12/19/18 14:27	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Sample: MW-6-50LT **Lab ID: 10458810010** Collected: 12/11/18 14:00 Received: 12/13/18 18:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Acetone	**<9.2**	ug/L	20.0	9.2	1		12/19/18 14:51	67-64-1	
Allyl chloride	**<0.29**	ug/L	4.0	0.29	1		12/19/18 14:51	107-05-1	
Benzene	**<0.10**	ug/L	1.0	0.10	1		12/19/18 14:51	71-43-2	
Bromobenzene	**<0.21**	ug/L	1.0	0.21	1		12/19/18 14:51	108-86-1	
Bromochloromethane	**<0.27**	ug/L	1.0	0.27	1		12/19/18 14:51	74-97-5	
Bromodichloromethane	**<0.22**	ug/L	1.0	0.22	1		12/19/18 14:51	75-27-4	
Bromoform	**<0.80**	ug/L	4.0	0.80	1		12/19/18 14:51	75-25-2	
Bromomethane	**<1.8**	ug/L	4.0	1.8	1		12/19/18 14:51	74-83-9	
2-Butanone (MEK)	**<0.99**	ug/L	5.0	0.99	1		12/19/18 14:51	78-93-3	
n-Butylbenzene	**<0.24**	ug/L	1.0	0.24	1		12/19/18 14:51	104-51-8	
sec-Butylbenzene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 14:51	135-98-8	
tert-Butylbenzene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 14:51	98-06-6	
Carbon tetrachloride	**<0.19**	ug/L	1.0	0.19	1		12/19/18 14:51	56-23-5	
Chlorobenzene	**<0.17**	ug/L	1.0	0.17	1		12/19/18 14:51	108-90-7	
Chloroethane	**<0.49**	ug/L	4.0	0.49	1		12/19/18 14:51	75-00-3	
Chloroform	**<0.45**	ug/L	1.0	0.45	1		12/19/18 14:51	67-66-3	
Chloromethane	**<0.16**	ug/L	4.0	0.16	1		12/19/18 14:51	74-87-3	
2-Chlorotoluene	**<0.16**	ug/L	1.0	0.16	1		12/19/18 14:51	95-49-8	
4-Chlorotoluene	**<0.13**	ug/L	1.0	0.13	1		12/19/18 14:51	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	4.0	1.7	1		12/19/18 14:51	96-12-8	
Dibromochloromethane	**<0.46**	ug/L	1.0	0.46	1		12/19/18 14:51	124-48-1	
1,2-Dibromoethane (EDB)	**<0.24**	ug/L	1.0	0.24	1		12/19/18 14:51	106-93-4	
Dibromomethane	**<0.39**	ug/L	4.0	0.39	1		12/19/18 14:51	74-95-3	
1,2-Dichlorobenzene	**<0.14**	ug/L	1.0	0.14	1		12/19/18 14:51	95-50-1	
1,3-Dichlorobenzene	**<0.16**	ug/L	1.0	0.16	1		12/19/18 14:51	541-73-1	
1,4-Dichlorobenzene	**<0.17**	ug/L	1.0	0.17	1		12/19/18 14:51	106-46-7	
Dichlorodifluoromethane	**<0.23**	ug/L	1.0	0.23	1		12/19/18 14:51	75-71-8	
1,1-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		12/19/18 14:51	75-34-3	
1,2-Dichloroethane	**<0.22**	ug/L	1.0	0.22	1		12/19/18 14:51	107-06-2	
1,1-Dichloroethene	**<0.16**	ug/L	1.0	0.16	1		12/19/18 14:51	75-35-4	
cis-1,2-Dichloroethene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 14:51	156-59-2	
trans-1,2-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/19/18 14:51	156-60-5	
Dichlorofluoromethane	**<0.14**	ug/L	1.0	0.14	1		12/19/18 14:51	75-43-4	N2
1,2-Dichloropropane	**<0.16**	ug/L	4.0	0.16	1		12/19/18 14:51	78-87-5	
1,3-Dichloropropane	**<0.17**	ug/L	1.0	0.17	1		12/19/18 14:51	142-28-9	
2,2-Dichloropropane	**<0.17**	ug/L	4.0	0.17	1		12/19/18 14:51	594-20-7	
1,1-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		12/19/18 14:51	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	4.0	0.20	1		12/19/18 14:51	10061-01-5	
trans-1,3-Dichloropropene	**<0.18**	ug/L	4.0	0.18	1		12/19/18 14:51	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.095**	ug/L	4.0	0.095	1		12/19/18 14:51	60-29-7	
Ethylbenzene	**<0.14**	ug/L	1.0	0.14	1		12/19/18 14:51	100-41-4	
Hexachloro-1,3-butadiene	**<0.31**	ug/L	1.0	0.31	1		12/19/18 14:51	87-68-3	
Isopropylbenzene (Cumene)	**<0.18**	ug/L	1.0	0.18	1		12/19/18 14:51	98-82-8	
p-Isopropyltoluene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 14:51	99-87-6	
Methylene Chloride	**<0.98**	ug/L	4.0	0.98	1		12/19/18 14:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.42**	ug/L	5.0	0.42	1		12/19/18 14:51	108-10-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Sample: MW-6-50LT **Lab ID: 10458810010** Collected: 12/11/18 14:00 Received: 12/13/18 18:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**<0.16**	ug/L	1.0	0.16	1		12/19/18 14:51	1634-04-4	
Naphthalene	**<0.48**	ug/L	4.0	0.48	1		12/19/18 14:51	91-20-3	
n-Propylbenzene	**<0.10**	ug/L	1.0	0.10	1		12/19/18 14:51	103-65-1	
Styrene	**<0.19**	ug/L	1.0	0.19	1		12/19/18 14:51	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		12/19/18 14:51	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.17**	ug/L	1.0	0.17	1		12/19/18 14:51	79-34-5	
Tetrachloroethene	**1.2**	ug/L	1.0	0.17	1		12/19/18 14:51	127-18-4	
Tetrahydrofuran	**<2.2**	ug/L	10.0	2.2	1		12/19/18 14:51	109-99-9	
Toluene	**<0.083**	ug/L	1.0	0.083	1		12/19/18 14:51	108-88-3	
1,2,3-Trichlorobenzene	**<0.21**	ug/L	1.0	0.21	1		12/19/18 14:51	87-61-6	
1,2,4-Trichlorobenzene	**<0.20**	ug/L	1.0	0.20	1		12/19/18 14:51	120-82-1	
1,1,1-Trichloroethane	**<0.14**	ug/L	1.0	0.14	1		12/19/18 14:51	71-55-6	
1,1,2-Trichloroethane	**<0.18**	ug/L	1.0	0.18	1		12/19/18 14:51	79-00-5	
Trichloroethene	**<0.15**	ug/L	0.40	0.15	1		12/19/18 14:51	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/L	1.0	0.23	1		12/19/18 14:51	75-69-4	
1,2,3-Trichloropropane	**<0.26**	ug/L	4.0	0.26	1		12/19/18 14:51	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.47**	ug/L	1.0	0.47	1		12/19/18 14:51	76-13-1	
1,2,4-Trimethylbenzene	**<0.20**	ug/L	1.0	0.20	1		12/19/18 14:51	95-63-6	
1,3,5-Trimethylbenzene	**<0.12**	ug/L	1.0	0.12	1		12/19/18 14:51	108-67-8	
Vinyl chloride	**<0.092**	ug/L	0.20	0.092	1		12/19/18 14:51	75-01-4	
Xylene (Total)	**<0.31**	ug/L	3.0	0.31	1		12/19/18 14:51	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%.	75-125		1		12/19/18 14:51	17060-07-0	
Toluene-d8 (S)	103	%.	75-125		1		12/19/18 14:51	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	75-125		1		12/19/18 14:51	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Sample: MW-7LT **Lab ID: 10458810011** Collected: 12/11/18 13:15 Received: 12/13/18 18:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Acetone	**<9.2**	ug/L	20.0	9.2	1		12/19/18 15:15	67-64-1	
Allyl chloride	**<0.29**	ug/L	4.0	0.29	1		12/19/18 15:15	107-05-1	
Benzene	**<0.10**	ug/L	1.0	0.10	1		12/19/18 15:15	71-43-2	
Bromobenzene	**<0.21**	ug/L	1.0	0.21	1		12/19/18 15:15	108-86-1	
Bromochloromethane	**<0.27**	ug/L	1.0	0.27	1		12/19/18 15:15	74-97-5	
Bromodichloromethane	**<0.22**	ug/L	1.0	0.22	1		12/19/18 15:15	75-27-4	
Bromoform	**<0.80**	ug/L	4.0	0.80	1		12/19/18 15:15	75-25-2	
Bromomethane	**<1.8**	ug/L	4.0	1.8	1		12/19/18 15:15	74-83-9	
2-Butanone (MEK)	**<0.99**	ug/L	5.0	0.99	1		12/19/18 15:15	78-93-3	
n-Butylbenzene	**<0.24**	ug/L	1.0	0.24	1		12/19/18 15:15	104-51-8	
sec-Butylbenzene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 15:15	135-98-8	
tert-Butylbenzene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 15:15	98-06-6	
Carbon tetrachloride	**<0.19**	ug/L	1.0	0.19	1		12/19/18 15:15	56-23-5	
Chlorobenzene	**<0.17**	ug/L	1.0	0.17	1		12/19/18 15:15	108-90-7	
Chloroethane	**<0.49**	ug/L	4.0	0.49	1		12/19/18 15:15	75-00-3	
Chloroform	**<0.45**	ug/L	1.0	0.45	1		12/19/18 15:15	67-66-3	
Chloromethane	**<0.16**	ug/L	4.0	0.16	1		12/19/18 15:15	74-87-3	
2-Chlorotoluene	**<0.16**	ug/L	1.0	0.16	1		12/19/18 15:15	95-49-8	
4-Chlorotoluene	**<0.13**	ug/L	1.0	0.13	1		12/19/18 15:15	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	4.0	1.7	1		12/19/18 15:15	96-12-8	
Dibromochloromethane	**<0.46**	ug/L	1.0	0.46	1		12/19/18 15:15	124-48-1	
1,2-Dibromoethane (EDB)	**<0.24**	ug/L	1.0	0.24	1		12/19/18 15:15	106-93-4	
Dibromomethane	**<0.39**	ug/L	4.0	0.39	1		12/19/18 15:15	74-95-3	
1,2-Dichlorobenzene	**<0.14**	ug/L	1.0	0.14	1		12/19/18 15:15	95-50-1	
1,3-Dichlorobenzene	**<0.16**	ug/L	1.0	0.16	1		12/19/18 15:15	541-73-1	
1,4-Dichlorobenzene	**<0.17**	ug/L	1.0	0.17	1		12/19/18 15:15	106-46-7	
Dichlorodifluoromethane	**<0.23**	ug/L	1.0	0.23	1		12/19/18 15:15	75-71-8	
1,1-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		12/19/18 15:15	75-34-3	
1,2-Dichloroethane	**<0.22**	ug/L	1.0	0.22	1		12/19/18 15:15	107-06-2	
1,1-Dichloroethene	**<0.16**	ug/L	1.0	0.16	1		12/19/18 15:15	75-35-4	
cis-1,2-Dichloroethene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 15:15	156-59-2	
trans-1,2-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/19/18 15:15	156-60-5	
Dichlorofluoromethane	**<0.14**	ug/L	1.0	0.14	1		12/19/18 15:15	75-43-4	N2
1,2-Dichloropropane	**<0.16**	ug/L	4.0	0.16	1		12/19/18 15:15	78-87-5	
1,3-Dichloropropane	**<0.17**	ug/L	1.0	0.17	1		12/19/18 15:15	142-28-9	
2,2-Dichloropropane	**<0.17**	ug/L	4.0	0.17	1		12/19/18 15:15	594-20-7	
1,1-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		12/19/18 15:15	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	4.0	0.20	1		12/19/18 15:15	10061-01-5	
trans-1,3-Dichloropropene	**<0.18**	ug/L	4.0	0.18	1		12/19/18 15:15	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.095**	ug/L	4.0	0.095	1		12/19/18 15:15	60-29-7	
Ethylbenzene	**<0.14**	ug/L	1.0	0.14	1		12/19/18 15:15	100-41-4	
Hexachloro-1,3-butadiene	**<0.31**	ug/L	1.0	0.31	1		12/19/18 15:15	87-68-3	
Isopropylbenzene (Cumene)	**<0.18**	ug/L	1.0	0.18	1		12/19/18 15:15	98-82-8	
p-Isopropyltoluene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 15:15	99-87-6	
Methylene Chloride	**<0.98**	ug/L	4.0	0.98	1		12/19/18 15:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.42**	ug/L	5.0	0.42	1		12/19/18 15:15	108-10-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Sample: MW-7LT **Lab ID: 10458810011** Collected: 12/11/18 13:15 Received: 12/13/18 18:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**<0.16**	ug/L	1.0	0.16	1		12/19/18 15:15	1634-04-4	
Naphthalene	**<0.48**	ug/L	4.0	0.48	1		12/19/18 15:15	91-20-3	
n-Propylbenzene	**<0.10**	ug/L	1.0	0.10	1		12/19/18 15:15	103-65-1	
Styrene	**<0.19**	ug/L	1.0	0.19	1		12/19/18 15:15	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		12/19/18 15:15	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.17**	ug/L	1.0	0.17	1		12/19/18 15:15	79-34-5	
Tetrachloroethene	**<0.17**	ug/L	1.0	0.17	1		12/19/18 15:15	127-18-4	
Tetrahydrofuran	**<2.2**	ug/L	10.0	2.2	1		12/19/18 15:15	109-99-9	
Toluene	**<0.083**	ug/L	1.0	0.083	1		12/19/18 15:15	108-88-3	
1,2,3-Trichlorobenzene	**<0.21**	ug/L	1.0	0.21	1		12/19/18 15:15	87-61-6	
1,2,4-Trichlorobenzene	**<0.20**	ug/L	1.0	0.20	1		12/19/18 15:15	120-82-1	
1,1,1-Trichloroethane	**<0.14**	ug/L	1.0	0.14	1		12/19/18 15:15	71-55-6	
1,1,2-Trichloroethane	**<0.18**	ug/L	1.0	0.18	1		12/19/18 15:15	79-00-5	
Trichloroethene	**<0.15**	ug/L	0.40	0.15	1		12/19/18 15:15	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/L	1.0	0.23	1		12/19/18 15:15	75-69-4	
1,2,3-Trichloropropane	**<0.26**	ug/L	4.0	0.26	1		12/19/18 15:15	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.47**	ug/L	1.0	0.47	1		12/19/18 15:15	76-13-1	
1,2,4-Trimethylbenzene	**<0.20**	ug/L	1.0	0.20	1		12/19/18 15:15	95-63-6	
1,3,5-Trimethylbenzene	**<0.12**	ug/L	1.0	0.12	1		12/19/18 15:15	108-67-8	
Vinyl chloride	**<0.092**	ug/L	0.20	0.092	1		12/19/18 15:15	75-01-4	
Xylene (Total)	**<0.31**	ug/L	3.0	0.31	1		12/19/18 15:15	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%.	75-125		1		12/19/18 15:15	17060-07-0	
Toluene-d8 (S)	103	%.	75-125		1		12/19/18 15:15	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	75-125		1		12/19/18 15:15	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Sample: MW-7-30LT **Lab ID: 10458810012** Collected: 12/11/18 13:25 Received: 12/13/18 18:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Acetone	**<9.2**	ug/L	20.0	9.2	1		12/19/18 15:39	67-64-1	
Allyl chloride	**<0.29**	ug/L	4.0	0.29	1		12/19/18 15:39	107-05-1	
Benzene	**<0.10**	ug/L	1.0	0.10	1		12/19/18 15:39	71-43-2	
Bromobenzene	**<0.21**	ug/L	1.0	0.21	1		12/19/18 15:39	108-86-1	
Bromochloromethane	**<0.27**	ug/L	1.0	0.27	1		12/19/18 15:39	74-97-5	
Bromodichloromethane	**<0.22**	ug/L	1.0	0.22	1		12/19/18 15:39	75-27-4	
Bromoform	**<0.80**	ug/L	4.0	0.80	1		12/19/18 15:39	75-25-2	
Bromomethane	**<1.8**	ug/L	4.0	1.8	1		12/19/18 15:39	74-83-9	
2-Butanone (MEK)	**<0.99**	ug/L	5.0	0.99	1		12/19/18 15:39	78-93-3	
n-Butylbenzene	**<0.24**	ug/L	1.0	0.24	1		12/19/18 15:39	104-51-8	
sec-Butylbenzene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 15:39	135-98-8	
tert-Butylbenzene	**0.42J**	ug/L	1.0	0.15	1		12/19/18 15:39	98-06-6	
Carbon tetrachloride	**<0.19**	ug/L	1.0	0.19	1		12/19/18 15:39	56-23-5	
Chlorobenzene	**<0.17**	ug/L	1.0	0.17	1		12/19/18 15:39	108-90-7	
Chloroethane	**<0.49**	ug/L	4.0	0.49	1		12/19/18 15:39	75-00-3	
Chloroform	**<0.45**	ug/L	1.0	0.45	1		12/19/18 15:39	67-66-3	
Chloromethane	**<0.16**	ug/L	4.0	0.16	1		12/19/18 15:39	74-87-3	
2-Chlorotoluene	**<0.16**	ug/L	1.0	0.16	1		12/19/18 15:39	95-49-8	
4-Chlorotoluene	**<0.13**	ug/L	1.0	0.13	1		12/19/18 15:39	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	4.0	1.7	1		12/19/18 15:39	96-12-8	
Dibromochloromethane	**<0.46**	ug/L	1.0	0.46	1		12/19/18 15:39	124-48-1	
1,2-Dibromoethane (EDB)	**<0.24**	ug/L	1.0	0.24	1		12/19/18 15:39	106-93-4	
Dibromomethane	**<0.39**	ug/L	4.0	0.39	1		12/19/18 15:39	74-95-3	
1,2-Dichlorobenzene	**<0.14**	ug/L	1.0	0.14	1		12/19/18 15:39	95-50-1	
1,3-Dichlorobenzene	**<0.16**	ug/L	1.0	0.16	1		12/19/18 15:39	541-73-1	
1,4-Dichlorobenzene	**<0.17**	ug/L	1.0	0.17	1		12/19/18 15:39	106-46-7	
Dichlorodifluoromethane	**<0.23**	ug/L	1.0	0.23	1		12/19/18 15:39	75-71-8	
1,1-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		12/19/18 15:39	75-34-3	
1,2-Dichloroethane	**<0.22**	ug/L	1.0	0.22	1		12/19/18 15:39	107-06-2	
1,1-Dichloroethene	**<0.16**	ug/L	1.0	0.16	1		12/19/18 15:39	75-35-4	
cis-1,2-Dichloroethene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 15:39	156-59-2	
trans-1,2-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/19/18 15:39	156-60-5	
Dichlorofluoromethane	**<0.14**	ug/L	1.0	0.14	1		12/19/18 15:39	75-43-4	N2
1,2-Dichloropropane	**<0.16**	ug/L	4.0	0.16	1		12/19/18 15:39	78-87-5	
1,3-Dichloropropane	**<0.17**	ug/L	1.0	0.17	1		12/19/18 15:39	142-28-9	
2,2-Dichloropropane	**<0.17**	ug/L	4.0	0.17	1		12/19/18 15:39	594-20-7	
1,1-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		12/19/18 15:39	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	4.0	0.20	1		12/19/18 15:39	10061-01-5	
trans-1,3-Dichloropropene	**<0.18**	ug/L	4.0	0.18	1		12/19/18 15:39	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.095**	ug/L	4.0	0.095	1		12/19/18 15:39	60-29-7	
Ethylbenzene	**<0.14**	ug/L	1.0	0.14	1		12/19/18 15:39	100-41-4	
Hexachloro-1,3-butadiene	**<0.31**	ug/L	1.0	0.31	1		12/19/18 15:39	87-68-3	
Isopropylbenzene (Cumene)	**<0.18**	ug/L	1.0	0.18	1		12/19/18 15:39	98-82-8	
p-Isopropyltoluene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 15:39	99-87-6	
Methylene Chloride	**<0.98**	ug/L	4.0	0.98	1		12/19/18 15:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.42**	ug/L	5.0	0.42	1		12/19/18 15:39	108-10-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Sample: MW-7-30LT **Lab ID: 10458810012** Collected: 12/11/18 13:25 Received: 12/13/18 18:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**0.17J**	ug/L	1.0	0.16	1		12/19/18 15:39	1634-04-4	
Naphthalene	**<0.48**	ug/L	4.0	0.48	1		12/19/18 15:39	91-20-3	
n-Propylbenzene	**<0.10**	ug/L	1.0	0.10	1		12/19/18 15:39	103-65-1	
Styrene	**<0.19**	ug/L	1.0	0.19	1		12/19/18 15:39	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		12/19/18 15:39	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.17**	ug/L	1.0	0.17	1		12/19/18 15:39	79-34-5	
Tetrachloroethene	**<0.17**	ug/L	1.0	0.17	1		12/19/18 15:39	127-18-4	
Tetrahydrofuran	**<2.2**	ug/L	10.0	2.2	1		12/19/18 15:39	109-99-9	
Toluene	**<0.083**	ug/L	1.0	0.083	1		12/19/18 15:39	108-88-3	
1,2,3-Trichlorobenzene	**<0.21**	ug/L	1.0	0.21	1		12/19/18 15:39	87-61-6	
1,2,4-Trichlorobenzene	**<0.20**	ug/L	1.0	0.20	1		12/19/18 15:39	120-82-1	
1,1,1-Trichloroethane	**<0.14**	ug/L	1.0	0.14	1		12/19/18 15:39	71-55-6	
1,1,2-Trichloroethane	**<0.18**	ug/L	1.0	0.18	1		12/19/18 15:39	79-00-5	
Trichloroethene	**<0.15**	ug/L	0.40	0.15	1		12/19/18 15:39	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/L	1.0	0.23	1		12/19/18 15:39	75-69-4	
1,2,3-Trichloropropane	**<0.26**	ug/L	4.0	0.26	1		12/19/18 15:39	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.47**	ug/L	1.0	0.47	1		12/19/18 15:39	76-13-1	
1,2,4-Trimethylbenzene	**<0.20**	ug/L	1.0	0.20	1		12/19/18 15:39	95-63-6	
1,3,5-Trimethylbenzene	**<0.12**	ug/L	1.0	0.12	1		12/19/18 15:39	108-67-8	
Vinyl chloride	**<0.092**	ug/L	0.20	0.092	1		12/19/18 15:39	75-01-4	
Xylene (Total)	**<0.31**	ug/L	3.0	0.31	1		12/19/18 15:39	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%.	75-125		1		12/19/18 15:39	17060-07-0	
Toluene-d8 (S)	106	%.	75-125		1		12/19/18 15:39	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	75-125		1		12/19/18 15:39	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Sample: MW-10LT **Lab ID: 10458810013** Collected: 12/11/18 15:05 Received: 12/13/18 18:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Acetone	**<9.2**	ug/L	20.0	9.2	1		12/19/18 16:03	67-64-1	
Allyl chloride	**<0.29**	ug/L	4.0	0.29	1		12/19/18 16:03	107-05-1	
Benzene	**<0.10**	ug/L	1.0	0.10	1		12/19/18 16:03	71-43-2	
Bromobenzene	**<0.21**	ug/L	1.0	0.21	1		12/19/18 16:03	108-86-1	
Bromochloromethane	**<0.27**	ug/L	1.0	0.27	1		12/19/18 16:03	74-97-5	
Bromodichloromethane	**<0.22**	ug/L	1.0	0.22	1		12/19/18 16:03	75-27-4	
Bromoform	**<0.80**	ug/L	4.0	0.80	1		12/19/18 16:03	75-25-2	
Bromomethane	**<1.8**	ug/L	4.0	1.8	1		12/19/18 16:03	74-83-9	
2-Butanone (MEK)	**<0.99**	ug/L	5.0	0.99	1		12/19/18 16:03	78-93-3	
n-Butylbenzene	**<0.24**	ug/L	1.0	0.24	1		12/19/18 16:03	104-51-8	
sec-Butylbenzene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 16:03	135-98-8	
tert-Butylbenzene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 16:03	98-06-6	
Carbon tetrachloride	**<0.19**	ug/L	1.0	0.19	1		12/19/18 16:03	56-23-5	
Chlorobenzene	**<0.17**	ug/L	1.0	0.17	1		12/19/18 16:03	108-90-7	
Chloroethane	**<0.49**	ug/L	4.0	0.49	1		12/19/18 16:03	75-00-3	
Chloroform	**<0.45**	ug/L	1.0	0.45	1		12/19/18 16:03	67-66-3	
Chloromethane	**<0.16**	ug/L	4.0	0.16	1		12/19/18 16:03	74-87-3	
2-Chlorotoluene	**<0.16**	ug/L	1.0	0.16	1		12/19/18 16:03	95-49-8	
4-Chlorotoluene	**<0.13**	ug/L	1.0	0.13	1		12/19/18 16:03	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	4.0	1.7	1		12/19/18 16:03	96-12-8	
Dibromochloromethane	**<0.46**	ug/L	1.0	0.46	1		12/19/18 16:03	124-48-1	
1,2-Dibromoethane (EDB)	**<0.24**	ug/L	1.0	0.24	1		12/19/18 16:03	106-93-4	
Dibromomethane	**<0.39**	ug/L	4.0	0.39	1		12/19/18 16:03	74-95-3	
1,2-Dichlorobenzene	**<0.14**	ug/L	1.0	0.14	1		12/19/18 16:03	95-50-1	
1,3-Dichlorobenzene	**<0.16**	ug/L	1.0	0.16	1		12/19/18 16:03	541-73-1	
1,4-Dichlorobenzene	**<0.17**	ug/L	1.0	0.17	1		12/19/18 16:03	106-46-7	
Dichlorodifluoromethane	**<0.23**	ug/L	1.0	0.23	1		12/19/18 16:03	75-71-8	
1,1-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		12/19/18 16:03	75-34-3	
1,2-Dichloroethane	**<0.22**	ug/L	1.0	0.22	1		12/19/18 16:03	107-06-2	
1,1-Dichloroethene	**<0.16**	ug/L	1.0	0.16	1		12/19/18 16:03	75-35-4	
cis-1,2-Dichloroethene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 16:03	156-59-2	
trans-1,2-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/19/18 16:03	156-60-5	
Dichlorofluoromethane	**<0.14**	ug/L	1.0	0.14	1		12/19/18 16:03	75-43-4	N2
1,2-Dichloropropane	**<0.16**	ug/L	4.0	0.16	1		12/19/18 16:03	78-87-5	
1,3-Dichloropropane	**<0.17**	ug/L	1.0	0.17	1		12/19/18 16:03	142-28-9	
2,2-Dichloropropane	**<0.17**	ug/L	4.0	0.17	1		12/19/18 16:03	594-20-7	
1,1-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		12/19/18 16:03	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	4.0	0.20	1		12/19/18 16:03	10061-01-5	
trans-1,3-Dichloropropene	**<0.18**	ug/L	4.0	0.18	1		12/19/18 16:03	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.095**	ug/L	4.0	0.095	1		12/19/18 16:03	60-29-7	
Ethylbenzene	**<0.14**	ug/L	1.0	0.14	1		12/19/18 16:03	100-41-4	
Hexachloro-1,3-butadiene	**<0.31**	ug/L	1.0	0.31	1		12/19/18 16:03	87-68-3	
Isopropylbenzene (Cumene)	**<0.18**	ug/L	1.0	0.18	1		12/19/18 16:03	98-82-8	
p-Isopropyltoluene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 16:03	99-87-6	
Methylene Chloride	**<0.98**	ug/L	4.0	0.98	1		12/19/18 16:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.42**	ug/L	5.0	0.42	1		12/19/18 16:03	108-10-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Sample: MW-10LT **Lab ID: 10458810013** Collected: 12/11/18 15:05 Received: 12/13/18 18:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**<0.16**	ug/L	1.0	0.16	1		12/19/18 16:03	1634-04-4	
Naphthalene	**<0.48**	ug/L	4.0	0.48	1		12/19/18 16:03	91-20-3	
n-Propylbenzene	**<0.10**	ug/L	1.0	0.10	1		12/19/18 16:03	103-65-1	
Styrene	**<0.19**	ug/L	1.0	0.19	1		12/19/18 16:03	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		12/19/18 16:03	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.17**	ug/L	1.0	0.17	1		12/19/18 16:03	79-34-5	
Tetrachloroethene	**<0.17**	ug/L	1.0	0.17	1		12/19/18 16:03	127-18-4	
Tetrahydrofuran	**<2.2**	ug/L	10.0	2.2	1		12/19/18 16:03	109-99-9	
Toluene	**<0.083**	ug/L	1.0	0.083	1		12/19/18 16:03	108-88-3	
1,2,3-Trichlorobenzene	**<0.21**	ug/L	1.0	0.21	1		12/19/18 16:03	87-61-6	
1,2,4-Trichlorobenzene	**<0.20**	ug/L	1.0	0.20	1		12/19/18 16:03	120-82-1	
1,1,1-Trichloroethane	**<0.14**	ug/L	1.0	0.14	1		12/19/18 16:03	71-55-6	
1,1,2-Trichloroethane	**<0.18**	ug/L	1.0	0.18	1		12/19/18 16:03	79-00-5	
Trichloroethene	**<0.15**	ug/L	0.40	0.15	1		12/19/18 16:03	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/L	1.0	0.23	1		12/19/18 16:03	75-69-4	
1,2,3-Trichloropropane	**<0.26**	ug/L	4.0	0.26	1		12/19/18 16:03	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.47**	ug/L	1.0	0.47	1		12/19/18 16:03	76-13-1	
1,2,4-Trimethylbenzene	**<0.20**	ug/L	1.0	0.20	1		12/19/18 16:03	95-63-6	
1,3,5-Trimethylbenzene	**<0.12**	ug/L	1.0	0.12	1		12/19/18 16:03	108-67-8	
Vinyl chloride	**<0.092**	ug/L	0.20	0.092	1		12/19/18 16:03	75-01-4	
Xylene (Total)	**<0.31**	ug/L	3.0	0.31	1		12/19/18 16:03	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%.	75-125		1		12/19/18 16:03	17060-07-0	
Toluene-d8 (S)	105	%.	75-125		1		12/19/18 16:03	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	75-125		1		12/19/18 16:03	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Sample: MW-10-30LT **Lab ID: 10458810014** Collected: 12/11/18 15:15 Received: 12/13/18 18:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Acetone	**<9.2**	ug/L	20.0	9.2	1		12/19/18 16:27	67-64-1	
Allyl chloride	**<0.29**	ug/L	4.0	0.29	1		12/19/18 16:27	107-05-1	
Benzene	**<0.10**	ug/L	1.0	0.10	1		12/19/18 16:27	71-43-2	
Bromobenzene	**<0.21**	ug/L	1.0	0.21	1		12/19/18 16:27	108-86-1	
Bromochloromethane	**<0.27**	ug/L	1.0	0.27	1		12/19/18 16:27	74-97-5	
Bromodichloromethane	**<0.22**	ug/L	1.0	0.22	1		12/19/18 16:27	75-27-4	
Bromoform	**<0.80**	ug/L	4.0	0.80	1		12/19/18 16:27	75-25-2	
Bromomethane	**<1.8**	ug/L	4.0	1.8	1		12/19/18 16:27	74-83-9	
2-Butanone (MEK)	**<0.99**	ug/L	5.0	0.99	1		12/19/18 16:27	78-93-3	
n-Butylbenzene	**<0.24**	ug/L	1.0	0.24	1		12/19/18 16:27	104-51-8	
sec-Butylbenzene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 16:27	135-98-8	
tert-Butylbenzene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 16:27	98-06-6	
Carbon tetrachloride	**<0.19**	ug/L	1.0	0.19	1		12/19/18 16:27	56-23-5	
Chlorobenzene	**<0.17**	ug/L	1.0	0.17	1		12/19/18 16:27	108-90-7	
Chloroethane	**<0.49**	ug/L	4.0	0.49	1		12/19/18 16:27	75-00-3	
Chloroform	**<0.45**	ug/L	1.0	0.45	1		12/19/18 16:27	67-66-3	
Chloromethane	**<0.16**	ug/L	4.0	0.16	1		12/19/18 16:27	74-87-3	
2-Chlorotoluene	**<0.16**	ug/L	1.0	0.16	1		12/19/18 16:27	95-49-8	
4-Chlorotoluene	**<0.13**	ug/L	1.0	0.13	1		12/19/18 16:27	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	4.0	1.7	1		12/19/18 16:27	96-12-8	
Dibromochloromethane	**<0.46**	ug/L	1.0	0.46	1		12/19/18 16:27	124-48-1	
1,2-Dibromoethane (EDB)	**<0.24**	ug/L	1.0	0.24	1		12/19/18 16:27	106-93-4	
Dibromomethane	**<0.39**	ug/L	4.0	0.39	1		12/19/18 16:27	74-95-3	
1,2-Dichlorobenzene	**<0.14**	ug/L	1.0	0.14	1		12/19/18 16:27	95-50-1	
1,3-Dichlorobenzene	**<0.16**	ug/L	1.0	0.16	1		12/19/18 16:27	541-73-1	
1,4-Dichlorobenzene	**<0.17**	ug/L	1.0	0.17	1		12/19/18 16:27	106-46-7	
Dichlorodifluoromethane	**<0.23**	ug/L	1.0	0.23	1		12/19/18 16:27	75-71-8	
1,1-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		12/19/18 16:27	75-34-3	
1,2-Dichloroethane	**0.42J**	ug/L	1.0	0.22	1		12/19/18 16:27	107-06-2	
1,1-Dichloroethene	**<0.16**	ug/L	1.0	0.16	1		12/19/18 16:27	75-35-4	
cis-1,2-Dichloroethene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 16:27	156-59-2	
trans-1,2-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/19/18 16:27	156-60-5	
Dichlorofluoromethane	**<0.14**	ug/L	1.0	0.14	1		12/19/18 16:27	75-43-4	N2
1,2-Dichloropropane	**<0.16**	ug/L	4.0	0.16	1		12/19/18 16:27	78-87-5	
1,3-Dichloropropane	**<0.17**	ug/L	1.0	0.17	1		12/19/18 16:27	142-28-9	
2,2-Dichloropropane	**<0.17**	ug/L	4.0	0.17	1		12/19/18 16:27	594-20-7	
1,1-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		12/19/18 16:27	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	4.0	0.20	1		12/19/18 16:27	10061-01-5	
trans-1,3-Dichloropropene	**<0.18**	ug/L	4.0	0.18	1		12/19/18 16:27	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.095**	ug/L	4.0	0.095	1		12/19/18 16:27	60-29-7	
Ethylbenzene	**<0.14**	ug/L	1.0	0.14	1		12/19/18 16:27	100-41-4	
Hexachloro-1,3-butadiene	**<0.31**	ug/L	1.0	0.31	1		12/19/18 16:27	87-68-3	
Isopropylbenzene (Cumene)	**<0.18**	ug/L	1.0	0.18	1		12/19/18 16:27	98-82-8	
p-Isopropyltoluene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 16:27	99-87-6	
Methylene Chloride	**<0.98**	ug/L	4.0	0.98	1		12/19/18 16:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.42**	ug/L	5.0	0.42	1		12/19/18 16:27	108-10-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Sample: MW-10-30LT **Lab ID: 10458810014** Collected: 12/11/18 15:15 Received: 12/13/18 18:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**<0.16**	ug/L	1.0	0.16	1		12/19/18 16:27	1634-04-4	
Naphthalene	**<0.48**	ug/L	4.0	0.48	1		12/19/18 16:27	91-20-3	
n-Propylbenzene	**<0.10**	ug/L	1.0	0.10	1		12/19/18 16:27	103-65-1	
Styrene	**<0.19**	ug/L	1.0	0.19	1		12/19/18 16:27	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		12/19/18 16:27	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.17**	ug/L	1.0	0.17	1		12/19/18 16:27	79-34-5	
Tetrachloroethene	**3.7**	ug/L	1.0	0.17	1		12/19/18 16:27	127-18-4	
Tetrahydrofuran	**<2.2**	ug/L	10.0	2.2	1		12/19/18 16:27	109-99-9	
Toluene	**<0.083**	ug/L	1.0	0.083	1		12/19/18 16:27	108-88-3	
1,2,3-Trichlorobenzene	**<0.21**	ug/L	1.0	0.21	1		12/19/18 16:27	87-61-6	
1,2,4-Trichlorobenzene	**<0.20**	ug/L	1.0	0.20	1		12/19/18 16:27	120-82-1	
1,1,1-Trichloroethane	**<0.14**	ug/L	1.0	0.14	1		12/19/18 16:27	71-55-6	
1,1,2-Trichloroethane	**<0.18**	ug/L	1.0	0.18	1		12/19/18 16:27	79-00-5	
Trichloroethene	**0.65**	ug/L	0.40	0.15	1		12/19/18 16:27	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/L	1.0	0.23	1		12/19/18 16:27	75-69-4	
1,2,3-Trichloropropane	**<0.26**	ug/L	4.0	0.26	1		12/19/18 16:27	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.47**	ug/L	1.0	0.47	1		12/19/18 16:27	76-13-1	
1,2,4-Trimethylbenzene	**<0.20**	ug/L	1.0	0.20	1		12/19/18 16:27	95-63-6	
1,3,5-Trimethylbenzene	**<0.12**	ug/L	1.0	0.12	1		12/19/18 16:27	108-67-8	
Vinyl chloride	**<0.092**	ug/L	0.20	0.092	1		12/19/18 16:27	75-01-4	
Xylene (Total)	**<0.31**	ug/L	3.0	0.31	1		12/19/18 16:27	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%.	75-125		1		12/19/18 16:27	17060-07-0	
Toluene-d8 (S)	104	%.	75-125		1		12/19/18 16:27	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	75-125		1		12/19/18 16:27	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Sample: MW-10-50LT **Lab ID: 10458810015** Collected: 12/11/18 15:30 Received: 12/13/18 18:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Acetone	**<9.2**	ug/L	20.0	9.2	1		12/19/18 16:51	67-64-1	
Allyl chloride	**<0.29**	ug/L	4.0	0.29	1		12/19/18 16:51	107-05-1	
Benzene	**<0.10**	ug/L	1.0	0.10	1		12/19/18 16:51	71-43-2	
Bromobenzene	**<0.21**	ug/L	1.0	0.21	1		12/19/18 16:51	108-86-1	
Bromochloromethane	**<0.27**	ug/L	1.0	0.27	1		12/19/18 16:51	74-97-5	
Bromodichloromethane	**<0.22**	ug/L	1.0	0.22	1		12/19/18 16:51	75-27-4	
Bromoform	**<0.80**	ug/L	4.0	0.80	1		12/19/18 16:51	75-25-2	
Bromomethane	**<1.8**	ug/L	4.0	1.8	1		12/19/18 16:51	74-83-9	
2-Butanone (MEK)	**<0.99**	ug/L	5.0	0.99	1		12/19/18 16:51	78-93-3	
n-Butylbenzene	**<0.24**	ug/L	1.0	0.24	1		12/19/18 16:51	104-51-8	
sec-Butylbenzene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 16:51	135-98-8	
tert-Butylbenzene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 16:51	98-06-6	
Carbon tetrachloride	**<0.19**	ug/L	1.0	0.19	1		12/19/18 16:51	56-23-5	
Chlorobenzene	**<0.17**	ug/L	1.0	0.17	1		12/19/18 16:51	108-90-7	
Chloroethane	**<0.49**	ug/L	4.0	0.49	1		12/19/18 16:51	75-00-3	
Chloroform	**<0.45**	ug/L	1.0	0.45	1		12/19/18 16:51	67-66-3	
Chloromethane	**<0.16**	ug/L	4.0	0.16	1		12/19/18 16:51	74-87-3	
2-Chlorotoluene	**<0.16**	ug/L	1.0	0.16	1		12/19/18 16:51	95-49-8	
4-Chlorotoluene	**<0.13**	ug/L	1.0	0.13	1		12/19/18 16:51	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	4.0	1.7	1		12/19/18 16:51	96-12-8	
Dibromochloromethane	**<0.46**	ug/L	1.0	0.46	1		12/19/18 16:51	124-48-1	
1,2-Dibromoethane (EDB)	**<0.24**	ug/L	1.0	0.24	1		12/19/18 16:51	106-93-4	
Dibromomethane	**<0.39**	ug/L	4.0	0.39	1		12/19/18 16:51	74-95-3	
1,2-Dichlorobenzene	**<0.14**	ug/L	1.0	0.14	1		12/19/18 16:51	95-50-1	
1,3-Dichlorobenzene	**<0.16**	ug/L	1.0	0.16	1		12/19/18 16:51	541-73-1	
1,4-Dichlorobenzene	**<0.17**	ug/L	1.0	0.17	1		12/19/18 16:51	106-46-7	
Dichlorodifluoromethane	**<0.23**	ug/L	1.0	0.23	1		12/19/18 16:51	75-71-8	
1,1-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		12/19/18 16:51	75-34-3	
1,2-Dichloroethane	**0.40J**	ug/L	1.0	0.22	1		12/19/18 16:51	107-06-2	
1,1-Dichloroethene	**<0.16**	ug/L	1.0	0.16	1		12/19/18 16:51	75-35-4	
cis-1,2-Dichloroethene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 16:51	156-59-2	
trans-1,2-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/19/18 16:51	156-60-5	
Dichlorofluoromethane	**<0.14**	ug/L	1.0	0.14	1		12/19/18 16:51	75-43-4	N2
1,2-Dichloropropane	**<0.16**	ug/L	4.0	0.16	1		12/19/18 16:51	78-87-5	
1,3-Dichloropropane	**<0.17**	ug/L	1.0	0.17	1		12/19/18 16:51	142-28-9	
2,2-Dichloropropane	**<0.17**	ug/L	4.0	0.17	1		12/19/18 16:51	594-20-7	
1,1-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		12/19/18 16:51	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	4.0	0.20	1		12/19/18 16:51	10061-01-5	
trans-1,3-Dichloropropene	**<0.18**	ug/L	4.0	0.18	1		12/19/18 16:51	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.095**	ug/L	4.0	0.095	1		12/19/18 16:51	60-29-7	
Ethylbenzene	**<0.14**	ug/L	1.0	0.14	1		12/19/18 16:51	100-41-4	
Hexachloro-1,3-butadiene	**<0.31**	ug/L	1.0	0.31	1		12/19/18 16:51	87-68-3	
Isopropylbenzene (Cumene)	**<0.18**	ug/L	1.0	0.18	1		12/19/18 16:51	98-82-8	
p-Isopropyltoluene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 16:51	99-87-6	
Methylene Chloride	**<0.98**	ug/L	4.0	0.98	1		12/19/18 16:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.42**	ug/L	5.0	0.42	1		12/19/18 16:51	108-10-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Sample: MW-10-50LT **Lab ID: 10458810015** Collected: 12/11/18 15:30 Received: 12/13/18 18:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**<0.16**	ug/L	1.0	0.16	1		12/19/18 16:51	1634-04-4	
Naphthalene	**<0.48**	ug/L	4.0	0.48	1		12/19/18 16:51	91-20-3	
n-Propylbenzene	**<0.10**	ug/L	1.0	0.10	1		12/19/18 16:51	103-65-1	
Styrene	**<0.19**	ug/L	1.0	0.19	1		12/19/18 16:51	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		12/19/18 16:51	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.17**	ug/L	1.0	0.17	1		12/19/18 16:51	79-34-5	
Tetrachloroethene	**3.9**	ug/L	1.0	0.17	1		12/19/18 16:51	127-18-4	
Tetrahydrofuran	**<2.2**	ug/L	10.0	2.2	1		12/19/18 16:51	109-99-9	
Toluene	**<0.083**	ug/L	1.0	0.083	1		12/19/18 16:51	108-88-3	
1,2,3-Trichlorobenzene	**<0.21**	ug/L	1.0	0.21	1		12/19/18 16:51	87-61-6	
1,2,4-Trichlorobenzene	**<0.20**	ug/L	1.0	0.20	1		12/19/18 16:51	120-82-1	
1,1,1-Trichloroethane	**<0.14**	ug/L	1.0	0.14	1		12/19/18 16:51	71-55-6	
1,1,2-Trichloroethane	**<0.18**	ug/L	1.0	0.18	1		12/19/18 16:51	79-00-5	
Trichloroethene	**0.58**	ug/L	0.40	0.15	1		12/19/18 16:51	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/L	1.0	0.23	1		12/19/18 16:51	75-69-4	
1,2,3-Trichloropropane	**<0.26**	ug/L	4.0	0.26	1		12/19/18 16:51	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.47**	ug/L	1.0	0.47	1		12/19/18 16:51	76-13-1	
1,2,4-Trimethylbenzene	**<0.20**	ug/L	1.0	0.20	1		12/19/18 16:51	95-63-6	
1,3,5-Trimethylbenzene	**<0.12**	ug/L	1.0	0.12	1		12/19/18 16:51	108-67-8	
Vinyl chloride	**<0.092**	ug/L	0.20	0.092	1		12/19/18 16:51	75-01-4	
Xylene (Total)	**<0.31**	ug/L	3.0	0.31	1		12/19/18 16:51	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%.	75-125		1		12/19/18 16:51	17060-07-0	
Toluene-d8 (S)	101	%.	75-125		1		12/19/18 16:51	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	75-125		1		12/19/18 16:51	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Sample: MW-15S **Lab ID: 10458810016** Collected: 12/12/18 08:20 Received: 12/13/18 18:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Acetone	**<9.2**	ug/L	20.0	9.2	1		12/19/18 17:15	67-64-1	
Allyl chloride	**<0.29**	ug/L	4.0	0.29	1		12/19/18 17:15	107-05-1	
Benzene	**<0.10**	ug/L	1.0	0.10	1		12/19/18 17:15	71-43-2	
Bromobenzene	**<0.21**	ug/L	1.0	0.21	1		12/19/18 17:15	108-86-1	
Bromochloromethane	**<0.27**	ug/L	1.0	0.27	1		12/19/18 17:15	74-97-5	
Bromodichloromethane	**<0.22**	ug/L	1.0	0.22	1		12/19/18 17:15	75-27-4	
Bromoform	**<0.80**	ug/L	4.0	0.80	1		12/19/18 17:15	75-25-2	
Bromomethane	**<1.8**	ug/L	4.0	1.8	1		12/19/18 17:15	74-83-9	
2-Butanone (MEK)	**<0.99**	ug/L	5.0	0.99	1		12/19/18 17:15	78-93-3	
n-Butylbenzene	**<0.24**	ug/L	1.0	0.24	1		12/19/18 17:15	104-51-8	
sec-Butylbenzene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 17:15	135-98-8	
tert-Butylbenzene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 17:15	98-06-6	
Carbon tetrachloride	**<0.19**	ug/L	1.0	0.19	1		12/19/18 17:15	56-23-5	
Chlorobenzene	**<0.17**	ug/L	1.0	0.17	1		12/19/18 17:15	108-90-7	
Chloroethane	**<0.49**	ug/L	4.0	0.49	1		12/19/18 17:15	75-00-3	
Chloroform	**<0.45**	ug/L	1.0	0.45	1		12/19/18 17:15	67-66-3	
Chloromethane	**<0.16**	ug/L	4.0	0.16	1		12/19/18 17:15	74-87-3	
2-Chlorotoluene	**<0.16**	ug/L	1.0	0.16	1		12/19/18 17:15	95-49-8	
4-Chlorotoluene	**<0.13**	ug/L	1.0	0.13	1		12/19/18 17:15	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	4.0	1.7	1		12/19/18 17:15	96-12-8	
Dibromochloromethane	**<0.46**	ug/L	1.0	0.46	1		12/19/18 17:15	124-48-1	
1,2-Dibromoethane (EDB)	**<0.24**	ug/L	1.0	0.24	1		12/19/18 17:15	106-93-4	
Dibromomethane	**<0.39**	ug/L	4.0	0.39	1		12/19/18 17:15	74-95-3	
1,2-Dichlorobenzene	**<0.14**	ug/L	1.0	0.14	1		12/19/18 17:15	95-50-1	
1,3-Dichlorobenzene	**<0.16**	ug/L	1.0	0.16	1		12/19/18 17:15	541-73-1	
1,4-Dichlorobenzene	**<0.17**	ug/L	1.0	0.17	1		12/19/18 17:15	106-46-7	
Dichlorodifluoromethane	**<0.23**	ug/L	1.0	0.23	1		12/19/18 17:15	75-71-8	
1,1-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		12/19/18 17:15	75-34-3	
1,2-Dichloroethane	**<0.22**	ug/L	1.0	0.22	1		12/19/18 17:15	107-06-2	
1,1-Dichloroethene	**<0.16**	ug/L	1.0	0.16	1		12/19/18 17:15	75-35-4	
cis-1,2-Dichloroethene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 17:15	156-59-2	
trans-1,2-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/19/18 17:15	156-60-5	
Dichlorofluoromethane	**<0.14**	ug/L	1.0	0.14	1		12/19/18 17:15	75-43-4	N2
1,2-Dichloropropane	**<0.16**	ug/L	4.0	0.16	1		12/19/18 17:15	78-87-5	
1,3-Dichloropropane	**<0.17**	ug/L	1.0	0.17	1		12/19/18 17:15	142-28-9	
2,2-Dichloropropane	**<0.17**	ug/L	4.0	0.17	1		12/19/18 17:15	594-20-7	
1,1-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		12/19/18 17:15	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	4.0	0.20	1		12/19/18 17:15	10061-01-5	
trans-1,3-Dichloropropene	**<0.18**	ug/L	4.0	0.18	1		12/19/18 17:15	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.095**	ug/L	4.0	0.095	1		12/19/18 17:15	60-29-7	
Ethylbenzene	**<0.14**	ug/L	1.0	0.14	1		12/19/18 17:15	100-41-4	
Hexachloro-1,3-butadiene	**<0.31**	ug/L	1.0	0.31	1		12/19/18 17:15	87-68-3	
Isopropylbenzene (Cumene)	**<0.18**	ug/L	1.0	0.18	1		12/19/18 17:15	98-82-8	
p-Isopropyltoluene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 17:15	99-87-6	
Methylene Chloride	**<0.98**	ug/L	4.0	0.98	1		12/19/18 17:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.42**	ug/L	5.0	0.42	1		12/19/18 17:15	108-10-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Sample: MW-15S **Lab ID: 10458810016** Collected: 12/12/18 08:20 Received: 12/13/18 18:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**<0.16**	ug/L	1.0	0.16	1		12/19/18 17:15	1634-04-4	
Naphthalene	**<0.48**	ug/L	4.0	0.48	1		12/19/18 17:15	91-20-3	
n-Propylbenzene	**<0.10**	ug/L	1.0	0.10	1		12/19/18 17:15	103-65-1	
Styrene	**<0.19**	ug/L	1.0	0.19	1		12/19/18 17:15	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		12/19/18 17:15	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.17**	ug/L	1.0	0.17	1		12/19/18 17:15	79-34-5	
Tetrachloroethene	**1.5**	ug/L	1.0	0.17	1		12/19/18 17:15	127-18-4	
Tetrahydrofuran	**<2.2**	ug/L	10.0	2.2	1		12/19/18 17:15	109-99-9	
Toluene	**<0.083**	ug/L	1.0	0.083	1		12/19/18 17:15	108-88-3	
1,2,3-Trichlorobenzene	**<0.21**	ug/L	1.0	0.21	1		12/19/18 17:15	87-61-6	
1,2,4-Trichlorobenzene	**<0.20**	ug/L	1.0	0.20	1		12/19/18 17:15	120-82-1	
1,1,1-Trichloroethane	**<0.14**	ug/L	1.0	0.14	1		12/19/18 17:15	71-55-6	
1,1,2-Trichloroethane	**<0.18**	ug/L	1.0	0.18	1		12/19/18 17:15	79-00-5	
Trichloroethene	**0.24J**	ug/L	0.40	0.15	1		12/19/18 17:15	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/L	1.0	0.23	1		12/19/18 17:15	75-69-4	
1,2,3-Trichloropropane	**<0.26**	ug/L	4.0	0.26	1		12/19/18 17:15	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.47**	ug/L	1.0	0.47	1		12/19/18 17:15	76-13-1	
1,2,4-Trimethylbenzene	**<0.20**	ug/L	1.0	0.20	1		12/19/18 17:15	95-63-6	
1,3,5-Trimethylbenzene	**<0.12**	ug/L	1.0	0.12	1		12/19/18 17:15	108-67-8	
Vinyl chloride	**<0.092**	ug/L	0.20	0.092	1		12/19/18 17:15	75-01-4	
Xylene (Total)	**<0.31**	ug/L	3.0	0.31	1		12/19/18 17:15	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	97	%.	75-125		1		12/19/18 17:15	17060-07-0	
Toluene-d8 (S)	102	%.	75-125		1		12/19/18 17:15	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	75-125		1		12/19/18 17:15	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Sample: MW-15D **Lab ID: 10458810017** Collected: 12/12/18 08:15 Received: 12/13/18 18:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Acetone	**<9.2**	ug/L	20.0	9.2	1		12/19/18 17:38	67-64-1	
Allyl chloride	**<0.29**	ug/L	4.0	0.29	1		12/19/18 17:38	107-05-1	
Benzene	**0.35J**	ug/L	1.0	0.10	1		12/19/18 17:38	71-43-2	
Bromobenzene	**<0.21**	ug/L	1.0	0.21	1		12/19/18 17:38	108-86-1	
Bromochloromethane	**<0.27**	ug/L	1.0	0.27	1		12/19/18 17:38	74-97-5	
Bromodichloromethane	**<0.22**	ug/L	1.0	0.22	1		12/19/18 17:38	75-27-4	
Bromoform	**<0.80**	ug/L	4.0	0.80	1		12/19/18 17:38	75-25-2	
Bromomethane	**<1.8**	ug/L	4.0	1.8	1		12/19/18 17:38	74-83-9	
2-Butanone (MEK)	**<0.99**	ug/L	5.0	0.99	1		12/19/18 17:38	78-93-3	
n-Butylbenzene	**<0.24**	ug/L	1.0	0.24	1		12/19/18 17:38	104-51-8	
sec-Butylbenzene	**0.61J**	ug/L	1.0	0.15	1		12/19/18 17:38	135-98-8	
tert-Butylbenzene	**0.39J**	ug/L	1.0	0.15	1		12/19/18 17:38	98-06-6	
Carbon tetrachloride	**<0.19**	ug/L	1.0	0.19	1		12/19/18 17:38	56-23-5	
Chlorobenzene	**<0.17**	ug/L	1.0	0.17	1		12/19/18 17:38	108-90-7	
Chloroethane	**<0.49**	ug/L	4.0	0.49	1		12/19/18 17:38	75-00-3	
Chloroform	**<0.45**	ug/L	1.0	0.45	1		12/19/18 17:38	67-66-3	
Chloromethane	**<0.16**	ug/L	4.0	0.16	1		12/19/18 17:38	74-87-3	
2-Chlorotoluene	**<0.16**	ug/L	1.0	0.16	1		12/19/18 17:38	95-49-8	
4-Chlorotoluene	**<0.13**	ug/L	1.0	0.13	1		12/19/18 17:38	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	4.0	1.7	1		12/19/18 17:38	96-12-8	
Dibromochloromethane	**<0.46**	ug/L	1.0	0.46	1		12/19/18 17:38	124-48-1	
1,2-Dibromoethane (EDB)	**<0.24**	ug/L	1.0	0.24	1		12/19/18 17:38	106-93-4	
Dibromomethane	**<0.39**	ug/L	4.0	0.39	1		12/19/18 17:38	74-95-3	
1,2-Dichlorobenzene	**<0.14**	ug/L	1.0	0.14	1		12/19/18 17:38	95-50-1	
1,3-Dichlorobenzene	**<0.16**	ug/L	1.0	0.16	1		12/19/18 17:38	541-73-1	
1,4-Dichlorobenzene	**<0.17**	ug/L	1.0	0.17	1		12/19/18 17:38	106-46-7	
Dichlorodifluoromethane	**<0.23**	ug/L	1.0	0.23	1		12/19/18 17:38	75-71-8	
1,1-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		12/19/18 17:38	75-34-3	
1,2-Dichloroethane	**0.43J**	ug/L	1.0	0.22	1		12/19/18 17:38	107-06-2	
1,1-Dichloroethene	**<0.16**	ug/L	1.0	0.16	1		12/19/18 17:38	75-35-4	
cis-1,2-Dichloroethene	**8.2**	ug/L	1.0	0.15	1		12/19/18 17:38	156-59-2	
trans-1,2-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/19/18 17:38	156-60-5	
Dichlorofluoromethane	**<0.14**	ug/L	1.0	0.14	1		12/19/18 17:38	75-43-4	N2
1,2-Dichloropropane	**<0.16**	ug/L	4.0	0.16	1		12/19/18 17:38	78-87-5	
1,3-Dichloropropane	**<0.17**	ug/L	1.0	0.17	1		12/19/18 17:38	142-28-9	
2,2-Dichloropropane	**<0.17**	ug/L	4.0	0.17	1		12/19/18 17:38	594-20-7	
1,1-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		12/19/18 17:38	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	4.0	0.20	1		12/19/18 17:38	10061-01-5	
trans-1,3-Dichloropropene	**<0.18**	ug/L	4.0	0.18	1		12/19/18 17:38	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.095**	ug/L	4.0	0.095	1		12/19/18 17:38	60-29-7	
Ethylbenzene	**<0.14**	ug/L	1.0	0.14	1		12/19/18 17:38	100-41-4	
Hexachloro-1,3-butadiene	**<0.31**	ug/L	1.0	0.31	1		12/19/18 17:38	87-68-3	
Isopropylbenzene (Cumene)	**<0.18**	ug/L	1.0	0.18	1		12/19/18 17:38	98-82-8	
p-Isopropyltoluene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 17:38	99-87-6	
Methylene Chloride	**<0.98**	ug/L	4.0	0.98	1		12/19/18 17:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.42**	ug/L	5.0	0.42	1		12/19/18 17:38	108-10-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Sample: MW-15D **Lab ID: 10458810017** Collected: 12/12/18 08:15 Received: 12/13/18 18:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**<0.16**	ug/L	1.0	0.16	1		12/19/18 17:38	1634-04-4	
Naphthalene	**<0.48**	ug/L	4.0	0.48	1		12/19/18 17:38	91-20-3	
n-Propylbenzene	**<0.10**	ug/L	1.0	0.10	1		12/19/18 17:38	103-65-1	
Styrene	**<0.19**	ug/L	1.0	0.19	1		12/19/18 17:38	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		12/19/18 17:38	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.17**	ug/L	1.0	0.17	1		12/19/18 17:38	79-34-5	
Tetrachloroethene	**42.5**	ug/L	1.0	0.17	1		12/19/18 17:38	127-18-4	
Tetrahydrofuran	**<2.2**	ug/L	10.0	2.2	1		12/19/18 17:38	109-99-9	
Toluene	**<0.083**	ug/L	1.0	0.083	1		12/19/18 17:38	108-88-3	
1,2,3-Trichlorobenzene	**<0.21**	ug/L	1.0	0.21	1		12/19/18 17:38	87-61-6	
1,2,4-Trichlorobenzene	**<0.20**	ug/L	1.0	0.20	1		12/19/18 17:38	120-82-1	
1,1,1-Trichloroethane	**<0.14**	ug/L	1.0	0.14	1		12/19/18 17:38	71-55-6	
1,1,2-Trichloroethane	**<0.18**	ug/L	1.0	0.18	1		12/19/18 17:38	79-00-5	
Trichloroethene	**11.1**	ug/L	0.40	0.15	1		12/19/18 17:38	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/L	1.0	0.23	1		12/19/18 17:38	75-69-4	
1,2,3-Trichloropropane	**<0.26**	ug/L	4.0	0.26	1		12/19/18 17:38	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.47**	ug/L	1.0	0.47	1		12/19/18 17:38	76-13-1	
1,2,4-Trimethylbenzene	**<0.20**	ug/L	1.0	0.20	1		12/19/18 17:38	95-63-6	
1,3,5-Trimethylbenzene	**<0.12**	ug/L	1.0	0.12	1		12/19/18 17:38	108-67-8	
Vinyl chloride	**<0.092**	ug/L	0.20	0.092	1		12/19/18 17:38	75-01-4	
Xylene (Total)	**<0.31**	ug/L	3.0	0.31	1		12/19/18 17:38	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%.	75-125		1		12/19/18 17:38	17060-07-0	
Toluene-d8 (S)	102	%.	75-125		1		12/19/18 17:38	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	75-125		1		12/19/18 17:38	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Sample: MW-16S **Lab ID: 10458810018** Collected: 12/11/18 15:40 Received: 12/13/18 18:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Acetone	**<9.2**	ug/L	20.0	9.2	1		12/19/18 18:02	67-64-1	
Allyl chloride	**<0.29**	ug/L	4.0	0.29	1		12/19/18 18:02	107-05-1	
Benzene	**<0.10**	ug/L	1.0	0.10	1		12/19/18 18:02	71-43-2	
Bromobenzene	**<0.21**	ug/L	1.0	0.21	1		12/19/18 18:02	108-86-1	
Bromochloromethane	**<0.27**	ug/L	1.0	0.27	1		12/19/18 18:02	74-97-5	
Bromodichloromethane	**<0.22**	ug/L	1.0	0.22	1		12/19/18 18:02	75-27-4	
Bromoform	**<0.80**	ug/L	4.0	0.80	1		12/19/18 18:02	75-25-2	
Bromomethane	**<1.8**	ug/L	4.0	1.8	1		12/19/18 18:02	74-83-9	
2-Butanone (MEK)	**<0.99**	ug/L	5.0	0.99	1		12/19/18 18:02	78-93-3	
n-Butylbenzene	**<0.24**	ug/L	1.0	0.24	1		12/19/18 18:02	104-51-8	
sec-Butylbenzene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 18:02	135-98-8	
tert-Butylbenzene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 18:02	98-06-6	
Carbon tetrachloride	**<0.19**	ug/L	1.0	0.19	1		12/19/18 18:02	56-23-5	
Chlorobenzene	**<0.17**	ug/L	1.0	0.17	1		12/19/18 18:02	108-90-7	
Chloroethane	**<0.49**	ug/L	4.0	0.49	1		12/19/18 18:02	75-00-3	
Chloroform	**<0.45**	ug/L	1.0	0.45	1		12/19/18 18:02	67-66-3	
Chloromethane	**<0.16**	ug/L	4.0	0.16	1		12/19/18 18:02	74-87-3	
2-Chlorotoluene	**<0.16**	ug/L	1.0	0.16	1		12/19/18 18:02	95-49-8	
4-Chlorotoluene	**<0.13**	ug/L	1.0	0.13	1		12/19/18 18:02	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	4.0	1.7	1		12/19/18 18:02	96-12-8	
Dibromochloromethane	**<0.46**	ug/L	1.0	0.46	1		12/19/18 18:02	124-48-1	
1,2-Dibromoethane (EDB)	**<0.24**	ug/L	1.0	0.24	1		12/19/18 18:02	106-93-4	
Dibromomethane	**<0.39**	ug/L	4.0	0.39	1		12/19/18 18:02	74-95-3	
1,2-Dichlorobenzene	**<0.14**	ug/L	1.0	0.14	1		12/19/18 18:02	95-50-1	
1,3-Dichlorobenzene	**<0.16**	ug/L	1.0	0.16	1		12/19/18 18:02	541-73-1	
1,4-Dichlorobenzene	**<0.17**	ug/L	1.0	0.17	1		12/19/18 18:02	106-46-7	
Dichlorodifluoromethane	**<0.23**	ug/L	1.0	0.23	1		12/19/18 18:02	75-71-8	
1,1-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		12/19/18 18:02	75-34-3	
1,2-Dichloroethane	**<0.22**	ug/L	1.0	0.22	1		12/19/18 18:02	107-06-2	
1,1-Dichloroethene	**<0.16**	ug/L	1.0	0.16	1		12/19/18 18:02	75-35-4	
cis-1,2-Dichloroethene	**0.61J**	ug/L	1.0	0.15	1		12/19/18 18:02	156-59-2	
trans-1,2-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/19/18 18:02	156-60-5	
Dichlorofluoromethane	**<0.14**	ug/L	1.0	0.14	1		12/19/18 18:02	75-43-4	N2
1,2-Dichloropropane	**<0.16**	ug/L	4.0	0.16	1		12/19/18 18:02	78-87-5	
1,3-Dichloropropane	**<0.17**	ug/L	1.0	0.17	1		12/19/18 18:02	142-28-9	
2,2-Dichloropropane	**<0.17**	ug/L	4.0	0.17	1		12/19/18 18:02	594-20-7	
1,1-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		12/19/18 18:02	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	4.0	0.20	1		12/19/18 18:02	10061-01-5	
trans-1,3-Dichloropropene	**<0.18**	ug/L	4.0	0.18	1		12/19/18 18:02	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.095**	ug/L	4.0	0.095	1		12/19/18 18:02	60-29-7	
Ethylbenzene	**<0.14**	ug/L	1.0	0.14	1		12/19/18 18:02	100-41-4	
Hexachloro-1,3-butadiene	**<0.31**	ug/L	1.0	0.31	1		12/19/18 18:02	87-68-3	
Isopropylbenzene (Cumene)	**<0.18**	ug/L	1.0	0.18	1		12/19/18 18:02	98-82-8	
p-Isopropyltoluene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 18:02	99-87-6	
Methylene Chloride	**<0.98**	ug/L	4.0	0.98	1		12/19/18 18:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.42**	ug/L	5.0	0.42	1		12/19/18 18:02	108-10-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Sample: MW-16S **Lab ID: 10458810018** Collected: 12/11/18 15:40 Received: 12/13/18 18:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**<0.16**	ug/L	1.0	0.16	1		12/19/18 18:02	1634-04-4	
Naphthalene	**<0.48**	ug/L	4.0	0.48	1		12/19/18 18:02	91-20-3	
n-Propylbenzene	**<0.10**	ug/L	1.0	0.10	1		12/19/18 18:02	103-65-1	
Styrene	**<0.19**	ug/L	1.0	0.19	1		12/19/18 18:02	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		12/19/18 18:02	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.17**	ug/L	1.0	0.17	1		12/19/18 18:02	79-34-5	
Tetrachloroethene	**8.3**	ug/L	1.0	0.17	1		12/19/18 18:02	127-18-4	
Tetrahydrofuran	**<2.2**	ug/L	10.0	2.2	1		12/19/18 18:02	109-99-9	
Toluene	**<0.083**	ug/L	1.0	0.083	1		12/19/18 18:02	108-88-3	
1,2,3-Trichlorobenzene	**<0.21**	ug/L	1.0	0.21	1		12/19/18 18:02	87-61-6	
1,2,4-Trichlorobenzene	**<0.20**	ug/L	1.0	0.20	1		12/19/18 18:02	120-82-1	
1,1,1-Trichloroethane	**<0.14**	ug/L	1.0	0.14	1		12/19/18 18:02	71-55-6	
1,1,2-Trichloroethane	**<0.18**	ug/L	1.0	0.18	1		12/19/18 18:02	79-00-5	
Trichloroethene	**4.2**	ug/L	0.40	0.15	1		12/19/18 18:02	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/L	1.0	0.23	1		12/19/18 18:02	75-69-4	
1,2,3-Trichloropropane	**<0.26**	ug/L	4.0	0.26	1		12/19/18 18:02	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.47**	ug/L	1.0	0.47	1		12/19/18 18:02	76-13-1	
1,2,4-Trimethylbenzene	**<0.20**	ug/L	1.0	0.20	1		12/19/18 18:02	95-63-6	
1,3,5-Trimethylbenzene	**<0.12**	ug/L	1.0	0.12	1		12/19/18 18:02	108-67-8	
Vinyl chloride	**<0.092**	ug/L	0.20	0.092	1		12/19/18 18:02	75-01-4	
Xylene (Total)	**<0.31**	ug/L	3.0	0.31	1		12/19/18 18:02	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%.	75-125		1		12/19/18 18:02	17060-07-0	
Toluene-d8 (S)	103	%.	75-125		1		12/19/18 18:02	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	75-125		1		12/19/18 18:02	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Sample: Dup **Lab ID: 10458810019** Collected: 12/11/18 00:00 Received: 12/13/18 18:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Acetone	**<9.2**	ug/L	20.0	9.2	1		12/19/18 18:26	67-64-1	
Allyl chloride	**<0.29**	ug/L	4.0	0.29	1		12/19/18 18:26	107-05-1	
Benzene	**<0.10**	ug/L	1.0	0.10	1		12/19/18 18:26	71-43-2	
Bromobenzene	**<0.21**	ug/L	1.0	0.21	1		12/19/18 18:26	108-86-1	
Bromochloromethane	**<0.27**	ug/L	1.0	0.27	1		12/19/18 18:26	74-97-5	
Bromodichloromethane	**<0.22**	ug/L	1.0	0.22	1		12/19/18 18:26	75-27-4	
Bromoform	**<0.80**	ug/L	4.0	0.80	1		12/19/18 18:26	75-25-2	
Bromomethane	**<1.8**	ug/L	4.0	1.8	1		12/19/18 18:26	74-83-9	
2-Butanone (MEK)	**<0.99**	ug/L	5.0	0.99	1		12/19/18 18:26	78-93-3	
n-Butylbenzene	**<0.24**	ug/L	1.0	0.24	1		12/19/18 18:26	104-51-8	
sec-Butylbenzene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 18:26	135-98-8	
tert-Butylbenzene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 18:26	98-06-6	
Carbon tetrachloride	**<0.19**	ug/L	1.0	0.19	1		12/19/18 18:26	56-23-5	
Chlorobenzene	**<0.17**	ug/L	1.0	0.17	1		12/19/18 18:26	108-90-7	
Chloroethane	**<0.49**	ug/L	4.0	0.49	1		12/19/18 18:26	75-00-3	
Chloroform	**<0.45**	ug/L	1.0	0.45	1		12/19/18 18:26	67-66-3	
Chloromethane	**<0.16**	ug/L	4.0	0.16	1		12/19/18 18:26	74-87-3	
2-Chlorotoluene	**<0.16**	ug/L	1.0	0.16	1		12/19/18 18:26	95-49-8	
4-Chlorotoluene	**<0.13**	ug/L	1.0	0.13	1		12/19/18 18:26	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	4.0	1.7	1		12/19/18 18:26	96-12-8	
Dibromochloromethane	**<0.46**	ug/L	1.0	0.46	1		12/19/18 18:26	124-48-1	
1,2-Dibromoethane (EDB)	**<0.24**	ug/L	1.0	0.24	1		12/19/18 18:26	106-93-4	
Dibromomethane	**<0.39**	ug/L	4.0	0.39	1		12/19/18 18:26	74-95-3	
1,2-Dichlorobenzene	**<0.14**	ug/L	1.0	0.14	1		12/19/18 18:26	95-50-1	
1,3-Dichlorobenzene	**<0.16**	ug/L	1.0	0.16	1		12/19/18 18:26	541-73-1	
1,4-Dichlorobenzene	**<0.17**	ug/L	1.0	0.17	1		12/19/18 18:26	106-46-7	
Dichlorodifluoromethane	**<0.23**	ug/L	1.0	0.23	1		12/19/18 18:26	75-71-8	
1,1-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		12/19/18 18:26	75-34-3	
1,2-Dichloroethane	**0.38J**	ug/L	1.0	0.22	1		12/19/18 18:26	107-06-2	
1,1-Dichloroethene	**<0.16**	ug/L	1.0	0.16	1		12/19/18 18:26	75-35-4	
cis-1,2-Dichloroethene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 18:26	156-59-2	
trans-1,2-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/19/18 18:26	156-60-5	
Dichlorofluoromethane	**<0.14**	ug/L	1.0	0.14	1		12/19/18 18:26	75-43-4	N2
1,2-Dichloropropane	**<0.16**	ug/L	4.0	0.16	1		12/19/18 18:26	78-87-5	
1,3-Dichloropropane	**<0.17**	ug/L	1.0	0.17	1		12/19/18 18:26	142-28-9	
2,2-Dichloropropane	**<0.17**	ug/L	4.0	0.17	1		12/19/18 18:26	594-20-7	
1,1-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		12/19/18 18:26	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	4.0	0.20	1		12/19/18 18:26	10061-01-5	
trans-1,3-Dichloropropene	**<0.18**	ug/L	4.0	0.18	1		12/19/18 18:26	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.095**	ug/L	4.0	0.095	1		12/19/18 18:26	60-29-7	
Ethylbenzene	**<0.14**	ug/L	1.0	0.14	1		12/19/18 18:26	100-41-4	
Hexachloro-1,3-butadiene	**<0.31**	ug/L	1.0	0.31	1		12/19/18 18:26	87-68-3	
Isopropylbenzene (Cumene)	**<0.18**	ug/L	1.0	0.18	1		12/19/18 18:26	98-82-8	
p-Isopropyltoluene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 18:26	99-87-6	
Methylene Chloride	**<0.98**	ug/L	4.0	0.98	1		12/19/18 18:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.42**	ug/L	5.0	0.42	1		12/19/18 18:26	108-10-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Sample: Dup **Lab ID: 10458810019** Collected: 12/11/18 00:00 Received: 12/13/18 18:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**<0.16**	ug/L	1.0	0.16	1		12/19/18 18:26	1634-04-4	
Naphthalene	**<0.48**	ug/L	4.0	0.48	1		12/19/18 18:26	91-20-3	
n-Propylbenzene	**<0.10**	ug/L	1.0	0.10	1		12/19/18 18:26	103-65-1	
Styrene	**<0.19**	ug/L	1.0	0.19	1		12/19/18 18:26	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		12/19/18 18:26	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.17**	ug/L	1.0	0.17	1		12/19/18 18:26	79-34-5	
Tetrachloroethene	**3.8**	ug/L	1.0	0.17	1		12/19/18 18:26	127-18-4	
Tetrahydrofuran	**<2.2**	ug/L	10.0	2.2	1		12/19/18 18:26	109-99-9	
Toluene	**<0.083**	ug/L	1.0	0.083	1		12/19/18 18:26	108-88-3	
1,2,3-Trichlorobenzene	**<0.21**	ug/L	1.0	0.21	1		12/19/18 18:26	87-61-6	
1,2,4-Trichlorobenzene	**<0.20**	ug/L	1.0	0.20	1		12/19/18 18:26	120-82-1	
1,1,1-Trichloroethane	**<0.14**	ug/L	1.0	0.14	1		12/19/18 18:26	71-55-6	
1,1,2-Trichloroethane	**<0.18**	ug/L	1.0	0.18	1		12/19/18 18:26	79-00-5	
Trichloroethene	**0.65**	ug/L	0.40	0.15	1		12/19/18 18:26	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/L	1.0	0.23	1		12/19/18 18:26	75-69-4	
1,2,3-Trichloropropane	**<0.26**	ug/L	4.0	0.26	1		12/19/18 18:26	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.47**	ug/L	1.0	0.47	1		12/19/18 18:26	76-13-1	
1,2,4-Trimethylbenzene	**<0.20**	ug/L	1.0	0.20	1		12/19/18 18:26	95-63-6	
1,3,5-Trimethylbenzene	**<0.12**	ug/L	1.0	0.12	1		12/19/18 18:26	108-67-8	
Vinyl chloride	**<0.092**	ug/L	0.20	0.092	1		12/19/18 18:26	75-01-4	
Xylene (Total)	**<0.31**	ug/L	3.0	0.31	1		12/19/18 18:26	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%.	75-125		1		12/19/18 18:26	17060-07-0	
Toluene-d8 (S)	104	%.	75-125		1		12/19/18 18:26	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	75-125		1		12/19/18 18:26	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Sample: MW-16D **Lab ID: 10458810020** Collected: 12/11/18 15:45 Received: 12/13/18 18:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Acetone	**<9.2**	ug/L	20.0	9.2	1		12/19/18 18:50	67-64-1	
Allyl chloride	**<0.29**	ug/L	4.0	0.29	1		12/19/18 18:50	107-05-1	
Benzene	**<0.10**	ug/L	1.0	0.10	1		12/19/18 18:50	71-43-2	
Bromobenzene	**<0.21**	ug/L	1.0	0.21	1		12/19/18 18:50	108-86-1	
Bromochloromethane	**<0.27**	ug/L	1.0	0.27	1		12/19/18 18:50	74-97-5	
Bromodichloromethane	**<0.22**	ug/L	1.0	0.22	1		12/19/18 18:50	75-27-4	
Bromoform	**<0.80**	ug/L	4.0	0.80	1		12/19/18 18:50	75-25-2	
Bromomethane	**<1.8**	ug/L	4.0	1.8	1		12/19/18 18:50	74-83-9	
2-Butanone (MEK)	**<0.99**	ug/L	5.0	0.99	1		12/19/18 18:50	78-93-3	
n-Butylbenzene	**<0.24**	ug/L	1.0	0.24	1		12/19/18 18:50	104-51-8	
sec-Butylbenzene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 18:50	135-98-8	
tert-Butylbenzene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 18:50	98-06-6	
Carbon tetrachloride	**<0.19**	ug/L	1.0	0.19	1		12/19/18 18:50	56-23-5	
Chlorobenzene	**<0.17**	ug/L	1.0	0.17	1		12/19/18 18:50	108-90-7	
Chloroethane	**<0.49**	ug/L	4.0	0.49	1		12/19/18 18:50	75-00-3	
Chloroform	**<0.45**	ug/L	1.0	0.45	1		12/19/18 18:50	67-66-3	
Chloromethane	**<0.16**	ug/L	4.0	0.16	1		12/19/18 18:50	74-87-3	
2-Chlorotoluene	**<0.16**	ug/L	1.0	0.16	1		12/19/18 18:50	95-49-8	
4-Chlorotoluene	**<0.13**	ug/L	1.0	0.13	1		12/19/18 18:50	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	4.0	1.7	1		12/19/18 18:50	96-12-8	
Dibromochloromethane	**<0.46**	ug/L	1.0	0.46	1		12/19/18 18:50	124-48-1	
1,2-Dibromoethane (EDB)	**<0.24**	ug/L	1.0	0.24	1		12/19/18 18:50	106-93-4	
Dibromomethane	**<0.39**	ug/L	4.0	0.39	1		12/19/18 18:50	74-95-3	
1,2-Dichlorobenzene	**<0.14**	ug/L	1.0	0.14	1		12/19/18 18:50	95-50-1	
1,3-Dichlorobenzene	**<0.16**	ug/L	1.0	0.16	1		12/19/18 18:50	541-73-1	
1,4-Dichlorobenzene	**<0.17**	ug/L	1.0	0.17	1		12/19/18 18:50	106-46-7	
Dichlorodifluoromethane	**<0.23**	ug/L	1.0	0.23	1		12/19/18 18:50	75-71-8	
1,1-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		12/19/18 18:50	75-34-3	
1,2-Dichloroethane	**0.37J**	ug/L	1.0	0.22	1		12/19/18 18:50	107-06-2	
1,1-Dichloroethene	**0.18J**	ug/L	1.0	0.16	1		12/19/18 18:50	75-35-4	
cis-1,2-Dichloroethene	**12.6**	ug/L	1.0	0.15	1		12/19/18 18:50	156-59-2	
trans-1,2-Dichloroethene	**1.6**	ug/L	1.0	0.24	1		12/19/18 18:50	156-60-5	
Dichlorofluoromethane	**<0.14**	ug/L	1.0	0.14	1		12/19/18 18:50	75-43-4	N2
1,2-Dichloropropane	**<0.16**	ug/L	4.0	0.16	1		12/19/18 18:50	78-87-5	
1,3-Dichloropropane	**<0.17**	ug/L	1.0	0.17	1		12/19/18 18:50	142-28-9	
2,2-Dichloropropane	**<0.17**	ug/L	4.0	0.17	1		12/19/18 18:50	594-20-7	
1,1-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		12/19/18 18:50	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	4.0	0.20	1		12/19/18 18:50	10061-01-5	
trans-1,3-Dichloropropene	**<0.18**	ug/L	4.0	0.18	1		12/19/18 18:50	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.095**	ug/L	4.0	0.095	1		12/19/18 18:50	60-29-7	
Ethylbenzene	**<0.14**	ug/L	1.0	0.14	1		12/19/18 18:50	100-41-4	
Hexachloro-1,3-butadiene	**<0.31**	ug/L	1.0	0.31	1		12/19/18 18:50	87-68-3	
Isopropylbenzene (Cumene)	**<0.18**	ug/L	1.0	0.18	1		12/19/18 18:50	98-82-8	
p-Isopropyltoluene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 18:50	99-87-6	
Methylene Chloride	**<0.98**	ug/L	4.0	0.98	1		12/19/18 18:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.42**	ug/L	5.0	0.42	1		12/19/18 18:50	108-10-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Sample: MW-16D **Lab ID: 10458810020** Collected: 12/11/18 15:45 Received: 12/13/18 18:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**<0.16**	ug/L	1.0	0.16	1		12/19/18 18:50	1634-04-4	
Naphthalene	**<0.48**	ug/L	4.0	0.48	1		12/19/18 18:50	91-20-3	
n-Propylbenzene	**<0.10**	ug/L	1.0	0.10	1		12/19/18 18:50	103-65-1	
Styrene	**<0.19**	ug/L	1.0	0.19	1		12/19/18 18:50	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		12/19/18 18:50	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.17**	ug/L	1.0	0.17	1		12/19/18 18:50	79-34-5	
Tetrachloroethene	**9.4**	ug/L	1.0	0.17	1		12/19/18 18:50	127-18-4	
Tetrahydrofuran	**<2.2**	ug/L	10.0	2.2	1		12/19/18 18:50	109-99-9	
Toluene	**<0.083**	ug/L	1.0	0.083	1		12/19/18 18:50	108-88-3	
1,2,3-Trichlorobenzene	**<0.21**	ug/L	1.0	0.21	1		12/19/18 18:50	87-61-6	
1,2,4-Trichlorobenzene	**<0.20**	ug/L	1.0	0.20	1		12/19/18 18:50	120-82-1	
1,1,1-Trichloroethane	**<0.14**	ug/L	1.0	0.14	1		12/19/18 18:50	71-55-6	
1,1,2-Trichloroethane	**<0.18**	ug/L	1.0	0.18	1		12/19/18 18:50	79-00-5	
Trichloroethene	**42.7**	ug/L	0.40	0.15	1		12/19/18 18:50	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/L	1.0	0.23	1		12/19/18 18:50	75-69-4	
1,2,3-Trichloropropane	**<0.26**	ug/L	4.0	0.26	1		12/19/18 18:50	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.47**	ug/L	1.0	0.47	1		12/19/18 18:50	76-13-1	
1,2,4-Trimethylbenzene	**<0.20**	ug/L	1.0	0.20	1		12/19/18 18:50	95-63-6	
1,3,5-Trimethylbenzene	**<0.12**	ug/L	1.0	0.12	1		12/19/18 18:50	108-67-8	
Vinyl chloride	**0.13J**	ug/L	0.20	0.092	1		12/19/18 18:50	75-01-4	
Xylene (Total)	**<0.31**	ug/L	3.0	0.31	1		12/19/18 18:50	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	97	%.	75-125		1		12/19/18 18:50	17060-07-0	
Toluene-d8 (S)	103	%.	75-125		1		12/19/18 18:50	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	75-125		1		12/19/18 18:50	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Sample: Trip Blank **Lab ID: 10458810021** Collected: 12/11/18 00:00 Received: 12/13/18 18:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Acetone	**<9.2**	ug/L	20.0	9.2	1		12/19/18 12:03	67-64-1	
Allyl chloride	**<0.29**	ug/L	4.0	0.29	1		12/19/18 12:03	107-05-1	
Benzene	**<0.10**	ug/L	1.0	0.10	1		12/19/18 12:03	71-43-2	
Bromobenzene	**<0.21**	ug/L	1.0	0.21	1		12/19/18 12:03	108-86-1	
Bromochloromethane	**<0.27**	ug/L	1.0	0.27	1		12/19/18 12:03	74-97-5	
Bromodichloromethane	**<0.22**	ug/L	1.0	0.22	1		12/19/18 12:03	75-27-4	
Bromoform	**<0.80**	ug/L	4.0	0.80	1		12/19/18 12:03	75-25-2	
Bromomethane	**<1.8**	ug/L	4.0	1.8	1		12/19/18 12:03	74-83-9	
2-Butanone (MEK)	**<0.99**	ug/L	5.0	0.99	1		12/19/18 12:03	78-93-3	
n-Butylbenzene	**<0.24**	ug/L	1.0	0.24	1		12/19/18 12:03	104-51-8	
sec-Butylbenzene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 12:03	135-98-8	
tert-Butylbenzene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 12:03	98-06-6	
Carbon tetrachloride	**<0.19**	ug/L	1.0	0.19	1		12/19/18 12:03	56-23-5	
Chlorobenzene	**<0.17**	ug/L	1.0	0.17	1		12/19/18 12:03	108-90-7	
Chloroethane	**<0.49**	ug/L	4.0	0.49	1		12/19/18 12:03	75-00-3	
Chloroform	**<0.45**	ug/L	1.0	0.45	1		12/19/18 12:03	67-66-3	
Chloromethane	**<0.16**	ug/L	4.0	0.16	1		12/19/18 12:03	74-87-3	
2-Chlorotoluene	**<0.16**	ug/L	1.0	0.16	1		12/19/18 12:03	95-49-8	
4-Chlorotoluene	**<0.13**	ug/L	1.0	0.13	1		12/19/18 12:03	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	4.0	1.7	1		12/19/18 12:03	96-12-8	
Dibromochloromethane	**<0.46**	ug/L	1.0	0.46	1		12/19/18 12:03	124-48-1	
1,2-Dibromoethane (EDB)	**<0.24**	ug/L	1.0	0.24	1		12/19/18 12:03	106-93-4	
Dibromomethane	**<0.39**	ug/L	4.0	0.39	1		12/19/18 12:03	74-95-3	
1,2-Dichlorobenzene	**<0.14**	ug/L	1.0	0.14	1		12/19/18 12:03	95-50-1	
1,3-Dichlorobenzene	**<0.16**	ug/L	1.0	0.16	1		12/19/18 12:03	541-73-1	
1,4-Dichlorobenzene	**<0.17**	ug/L	1.0	0.17	1		12/19/18 12:03	106-46-7	
Dichlorodifluoromethane	**<0.23**	ug/L	1.0	0.23	1		12/19/18 12:03	75-71-8	
1,1-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		12/19/18 12:03	75-34-3	
1,2-Dichloroethane	**<0.22**	ug/L	1.0	0.22	1		12/19/18 12:03	107-06-2	
1,1-Dichloroethene	**<0.16**	ug/L	1.0	0.16	1		12/19/18 12:03	75-35-4	
cis-1,2-Dichloroethene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 12:03	156-59-2	
trans-1,2-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		12/19/18 12:03	156-60-5	
Dichlorofluoromethane	**<0.14**	ug/L	1.0	0.14	1		12/19/18 12:03	75-43-4	N2
1,2-Dichloropropane	**<0.16**	ug/L	4.0	0.16	1		12/19/18 12:03	78-87-5	
1,3-Dichloropropane	**<0.17**	ug/L	1.0	0.17	1		12/19/18 12:03	142-28-9	
2,2-Dichloropropane	**<0.17**	ug/L	4.0	0.17	1		12/19/18 12:03	594-20-7	
1,1-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		12/19/18 12:03	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	4.0	0.20	1		12/19/18 12:03	10061-01-5	
trans-1,3-Dichloropropene	**<0.18**	ug/L	4.0	0.18	1		12/19/18 12:03	10061-02-6	
Diethyl ether (Ethyl ether)	**<0.095**	ug/L	4.0	0.095	1		12/19/18 12:03	60-29-7	
Ethylbenzene	**<0.14**	ug/L	1.0	0.14	1		12/19/18 12:03	100-41-4	
Hexachloro-1,3-butadiene	**<0.31**	ug/L	1.0	0.31	1		12/19/18 12:03	87-68-3	
Isopropylbenzene (Cumene)	**<0.18**	ug/L	1.0	0.18	1		12/19/18 12:03	98-82-8	
p-Isopropyltoluene	**<0.15**	ug/L	1.0	0.15	1		12/19/18 12:03	99-87-6	
Methylene Chloride	**<0.98**	ug/L	4.0	0.98	1		12/19/18 12:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.42**	ug/L	5.0	0.42	1		12/19/18 12:03	108-10-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Sample: Trip Blank **Lab ID: 10458810021** Collected: 12/11/18 00:00 Received: 12/13/18 18:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC	Analytical Method: EPA 8260B								
Methyl-tert-butyl ether	**<0.16**	ug/L	1.0	0.16	1		12/19/18 12:03	1634-04-4	
Naphthalene	**<0.48**	ug/L	4.0	0.48	1		12/19/18 12:03	91-20-3	
n-Propylbenzene	**<0.10**	ug/L	1.0	0.10	1		12/19/18 12:03	103-65-1	
Styrene	**<0.19**	ug/L	1.0	0.19	1		12/19/18 12:03	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		12/19/18 12:03	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.17**	ug/L	1.0	0.17	1		12/19/18 12:03	79-34-5	
Tetrachloroethene	**<0.17**	ug/L	1.0	0.17	1		12/19/18 12:03	127-18-4	
Tetrahydrofuran	**<2.2**	ug/L	10.0	2.2	1		12/19/18 12:03	109-99-9	
Toluene	**<0.083**	ug/L	1.0	0.083	1		12/19/18 12:03	108-88-3	
1,2,3-Trichlorobenzene	**<0.21**	ug/L	1.0	0.21	1		12/19/18 12:03	87-61-6	
1,2,4-Trichlorobenzene	**<0.20**	ug/L	1.0	0.20	1		12/19/18 12:03	120-82-1	
1,1,1-Trichloroethane	**<0.14**	ug/L	1.0	0.14	1		12/19/18 12:03	71-55-6	
1,1,2-Trichloroethane	**<0.18**	ug/L	1.0	0.18	1		12/19/18 12:03	79-00-5	
Trichloroethene	**<0.15**	ug/L	0.40	0.15	1		12/19/18 12:03	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/L	1.0	0.23	1		12/19/18 12:03	75-69-4	
1,2,3-Trichloropropane	**<0.26**	ug/L	4.0	0.26	1		12/19/18 12:03	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.47**	ug/L	1.0	0.47	1		12/19/18 12:03	76-13-1	
1,2,4-Trimethylbenzene	**<0.20**	ug/L	1.0	0.20	1		12/19/18 12:03	95-63-6	
1,3,5-Trimethylbenzene	**<0.12**	ug/L	1.0	0.12	1		12/19/18 12:03	108-67-8	
Vinyl chloride	**<0.092**	ug/L	0.20	0.092	1		12/19/18 12:03	75-01-4	
Xylene (Total)	**<0.31**	ug/L	3.0	0.31	1		12/19/18 12:03	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%.	75-125		1		12/19/18 12:03	17060-07-0	
Toluene-d8 (S)	107	%.	75-125		1		12/19/18 12:03	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	75-125		1		12/19/18 12:03	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

QC Batch: 581502 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260B MSV 465 W
Associated Lab Samples: 10458810001

METHOD BLANK: 3152546 Matrix: Water
Associated Lab Samples: 10458810001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.20	1.0	12/18/18 10:02	
1,1,1-Trichloroethane	ug/L	<0.14	1.0	12/18/18 10:02	
1,1,2,2-Tetrachloroethane	ug/L	<0.17	1.0	12/18/18 10:02	
1,1,2-Trichloroethane	ug/L	<0.18	1.0	12/18/18 10:02	
1,1,2-Trichlorotrifluoroethane	ug/L	<0.47	1.0	12/18/18 10:02	
1,1-Dichloroethane	ug/L	<0.17	1.0	12/18/18 10:02	
1,1-Dichloroethene	ug/L	<0.16	1.0	12/18/18 10:02	
1,1-Dichloropropene	ug/L	<0.20	1.0	12/18/18 10:02	
1,2,3-Trichlorobenzene	ug/L	<0.21	1.0	12/18/18 10:02	
1,2,3-Trichloropropane	ug/L	<0.26	4.0	12/18/18 10:02	
1,2,4-Trichlorobenzene	ug/L	<0.20	1.0	12/18/18 10:02	
1,2,4-Trimethylbenzene	ug/L	<0.20	1.0	12/18/18 10:02	
1,2-Dibromo-3-chloropropane	ug/L	<1.7	4.0	12/18/18 10:02	
1,2-Dibromoethane (EDB)	ug/L	<0.24	1.0	12/18/18 10:02	
1,2-Dichlorobenzene	ug/L	<0.14	1.0	12/18/18 10:02	
1,2-Dichloroethane	ug/L	<0.22	1.0	12/18/18 10:02	
1,2-Dichloropropane	ug/L	<0.16	4.0	12/18/18 10:02	
1,3,5-Trimethylbenzene	ug/L	<0.12	1.0	12/18/18 10:02	
1,3-Dichlorobenzene	ug/L	<0.16	1.0	12/18/18 10:02	
1,3-Dichloropropane	ug/L	<0.17	1.0	12/18/18 10:02	
1,4-Dichlorobenzene	ug/L	<0.17	1.0	12/18/18 10:02	
2,2-Dichloropropane	ug/L	<0.17	4.0	12/18/18 10:02	
2-Butanone (MEK)	ug/L	<0.99	5.0	12/18/18 10:02	
2-Chlorotoluene	ug/L	<0.16	1.0	12/18/18 10:02	
4-Chlorotoluene	ug/L	<0.13	1.0	12/18/18 10:02	
4-Methyl-2-pentanone (MIBK)	ug/L	<0.42	5.0	12/18/18 10:02	
Acetone	ug/L	<9.2	20.0	12/18/18 10:02	
Allyl chloride	ug/L	<0.29	4.0	12/18/18 10:02	
Benzene	ug/L	<0.10	1.0	12/18/18 10:02	
Bromobenzene	ug/L	<0.21	1.0	12/18/18 10:02	
Bromochloromethane	ug/L	<0.27	1.0	12/18/18 10:02	
Bromodichloromethane	ug/L	<0.22	1.0	12/18/18 10:02	
Bromoform	ug/L	<0.80	4.0	12/18/18 10:02	
Bromomethane	ug/L	<1.8	4.0	12/18/18 10:02	
Carbon tetrachloride	ug/L	<0.19	1.0	12/18/18 10:02	
Chlorobenzene	ug/L	<0.17	1.0	12/18/18 10:02	
Chloroethane	ug/L	<0.49	4.0	12/18/18 10:02	MN
Chloroform	ug/L	<0.45	1.0	12/18/18 10:02	
Chloromethane	ug/L	<0.16	4.0	12/18/18 10:02	
cis-1,2-Dichloroethene	ug/L	<0.15	1.0	12/18/18 10:02	
cis-1,3-Dichloropropene	ug/L	<0.20	4.0	12/18/18 10:02	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

METHOD BLANK: 3152546 Matrix: Water
Associated Lab Samples: 10458810001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	<0.46	1.0	12/18/18 10:02	
Dibromomethane	ug/L	<0.39	4.0	12/18/18 10:02	
Dichlorodifluoromethane	ug/L	<0.23	1.0	12/18/18 10:02	
Dichlorofluoromethane	ug/L	<0.14	1.0	12/18/18 10:02	N2
Diethyl ether (Ethyl ether)	ug/L	<0.095	4.0	12/18/18 10:02	
Ethylbenzene	ug/L	<0.14	1.0	12/18/18 10:02	
Hexachloro-1,3-butadiene	ug/L	<0.31	1.0	12/18/18 10:02	
Isopropylbenzene (Cumene)	ug/L	<0.18	1.0	12/18/18 10:02	
Methyl-tert-butyl ether	ug/L	<0.16	1.0	12/18/18 10:02	
Methylene Chloride	ug/L	<0.98	4.0	12/18/18 10:02	
n-Butylbenzene	ug/L	<0.24	1.0	12/18/18 10:02	
n-Propylbenzene	ug/L	<0.10	1.0	12/18/18 10:02	
Naphthalene	ug/L	<0.48	4.0	12/18/18 10:02	
p-Isopropyltoluene	ug/L	<0.15	1.0	12/18/18 10:02	
sec-Butylbenzene	ug/L	<0.15	1.0	12/18/18 10:02	
Styrene	ug/L	<0.19	1.0	12/18/18 10:02	
tert-Butylbenzene	ug/L	<0.15	1.0	12/18/18 10:02	
Tetrachloroethene	ug/L	<0.17	1.0	12/18/18 10:02	
Tetrahydrofuran	ug/L	<2.2	10.0	12/18/18 10:02	
Toluene	ug/L	<0.083	1.0	12/18/18 10:02	
trans-1,2-Dichloroethene	ug/L	<0.24	1.0	12/18/18 10:02	
trans-1,3-Dichloropropene	ug/L	<0.18	4.0	12/18/18 10:02	
Trichloroethene	ug/L	<0.15	0.40	12/18/18 10:02	
Trichlorofluoromethane	ug/L	<0.23	1.0	12/18/18 10:02	
Vinyl chloride	ug/L	<0.092	0.20	12/18/18 10:02	
Xylene (Total)	ug/L	<0.31	3.0	12/18/18 10:02	
1,2-Dichloroethane-d4 (S)	%.	101	75-125	12/18/18 10:02	
4-Bromofluorobenzene (S)	%.	101	75-125	12/18/18 10:02	
Toluene-d8 (S)	%.	97	75-125	12/18/18 10:02	

LABORATORY CONTROL SAMPLE: 3152547

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.1	101	75-125	
1,1,1-Trichloroethane	ug/L	20	20.0	100	75-125	
1,1,2,2-Tetrachloroethane	ug/L	20	20.5	103	75-129	
1,1,2-Trichloroethane	ug/L	20	21.3	106	75-125	
1,1,2-Trichlorotrifluoroethane	ug/L	20	20.7	103	74-125	
1,1-Dichloroethane	ug/L	20	20.2	101	75-127	
1,1-Dichloroethene	ug/L	20	18.8	94	73-125	
1,1-Dichloropropene	ug/L	20	19.9	99	75-125	
1,2,3-Trichlorobenzene	ug/L	20	20.8	104	74-126	
1,2,3-Trichloropropane	ug/L	20	19.5	97	75-125	
1,2,4-Trichlorobenzene	ug/L	20	20.2	101	75-125	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

LABORATORY CONTROL SAMPLE: 3152547

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/L	20	20.4	102	75-125	
1,2-Dibromo-3-chloropropane	ug/L	50	45.9	92	64-129	
1,2-Dibromoethane (EDB)	ug/L	20	19.3	96	75-125	
1,2-Dichlorobenzene	ug/L	20	21.1	105	75-125	
1,2-Dichloroethane	ug/L	20	18.9	94	74-125	
1,2-Dichloropropane	ug/L	20	20.7	103	75-125	
1,3,5-Trimethylbenzene	ug/L	20	20.1	101	75-125	
1,3-Dichlorobenzene	ug/L	20	21.5	108	75-125	
1,3-Dichloropropane	ug/L	20	20.9	104	75-125	
1,4-Dichlorobenzene	ug/L	20	20.4	102	75-125	
2,2-Dichloropropane	ug/L	20	21.5	107	70-125	
2-Butanone (MEK)	ug/L	100	97.7	98	57-130	
2-Chlorotoluene	ug/L	20	22.5	112	75-125	
4-Chlorotoluene	ug/L	20	20.5	102	75-125	
4-Methyl-2-pentanone (MIBK)	ug/L	100	103	103	69-137	
Acetone	ug/L	100	102	102	32-150	
Allyl chloride	ug/L	20	19.0	95	64-135	
Benzene	ug/L	20	19.5	97	75-126	
Bromobenzene	ug/L	20	20.6	103	75-125	
Bromochloromethane	ug/L	20	21.0	105	75-126	
Bromodichloromethane	ug/L	20	23.2	116	75-125	
Bromoform	ug/L	20	20.2	101	67-125	
Bromomethane	ug/L	20	14.9	75	30-150	
Carbon tetrachloride	ug/L	20	20.0	100	75-125	
Chlorobenzene	ug/L	20	20.7	104	75-125	
Chloroethane	ug/L	20	20.1	100	64-142	
Chloroform	ug/L	20	19.3	96	75-125	
Chloromethane	ug/L	20	18.7	94	40-150	
cis-1,2-Dichloroethene	ug/L	20	20.1	100	75-125	
cis-1,3-Dichloropropene	ug/L	20	20.5	102	75-125	
Dibromochloromethane	ug/L	20	20.7	104	75-125	
Dibromomethane	ug/L	20	21.3	107	75-125	
Dichlorodifluoromethane	ug/L	20	22.0	110	61-132	
Dichlorofluoromethane	ug/L	20	20.8	104	75-129	N2
Diethyl ether (Ethyl ether)	ug/L	20	19.7	99	74-125	
Ethylbenzene	ug/L	20	19.7	99	75-125	
Hexachloro-1,3-butadiene	ug/L	20	22.9	115	75-125	
Isopropylbenzene (Cumene)	ug/L	20	19.7	99	75-125	
Methyl-tert-butyl ether	ug/L	20	18.8	94	73-129	
Methylene Chloride	ug/L	20	19.2	96	72-125	
n-Butylbenzene	ug/L	20	20.0	100	75-125	
n-Propylbenzene	ug/L	20	20.1	100	75-125	
Naphthalene	ug/L	20	18.9	94	65-126	
p-Isopropyltoluene	ug/L	20	19.3	96	75-125	
sec-Butylbenzene	ug/L	20	19.4	97	75-125	
Styrene	ug/L	20	19.2	96	75-125	
tert-Butylbenzene	ug/L	20	19.3	96	75-125	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

LABORATORY CONTROL SAMPLE: 3152547

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Tetrachloroethene	ug/L	20	19.3	97	75-125	
Tetrahydrofuran	ug/L	200	205	102	30-150	
Toluene	ug/L	20	20.3	101	74-125	
trans-1,2-Dichloroethene	ug/L	20	19.3	96	70-126	
trans-1,3-Dichloropropene	ug/L	20	17.9	89	75-125	
Trichloroethene	ug/L	20	20.0	100	75-125	
Trichlorofluoromethane	ug/L	20	22.9	114	71-131	
Vinyl chloride	ug/L	20	21.0	105	65-137	
Xylene (Total)	ug/L	60	60.1	100	75-125	
1,2-Dichloroethane-d4 (S)	%.			100	75-125	
4-Bromofluorobenzene (S)	%.			100	75-125	
Toluene-d8 (S)	%.			100	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3152548 3152549

Parameter	Units	10458820001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	18.9	19.1	94	95	69-130	1	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	21.1	20.3	106	101	72-133	4	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	19.0	18.5	95	92	60-137	3	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	19.3	18.8	96	94	70-128	3	30	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	20	20	23.0	21.9	115	109	64-147	5	30	
1,1-Dichloroethane	ug/L	ND	20	20	20.6	20.1	103	101	64-136	2	30	
1,1-Dichloroethene	ug/L	ND	20	20	20.7	20.2	104	101	67-139	3	30	
1,1-Dichloropropene	ug/L	ND	20	20	21.6	20.8	108	104	69-131	4	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20.3	19.5	102	97	60-138	4	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	17.8	16.7	89	83	67-129	6	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20.9	20.1	105	100	71-125	4	30	
1,2,4-Trimethylbenzene	ug/L	99.9	20	20	98.8	108	-6	38	67-130	9	30	E,M1
1,2-Dibromo-3-chloropropane	ug/L	ND	50	50	43.4	41.9	87	84	52-141	4	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	17.5	17.4	88	87	66-130	1	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	19.3	19.6	96	98	72-126	2	30	
1,2-Dichloroethane	ug/L	ND	20	20	17.7	17.7	88	88	64-125	0	30	
1,2-Dichloropropane	ug/L	ND	20	20	19.6	19.1	98	96	65-128	3	30	
1,3,5-Trimethylbenzene	ug/L	13.3	20	20	29.7	31.6	82	92	63-139	6	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	19.9	19.9	99	100	70-128	0	30	
1,3-Dichloropropane	ug/L	ND	20	20	19.5	19.2	97	96	70-131	2	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	18.6	19.1	93	96	74-125	3	30	
2,2-Dichloropropane	ug/L	ND	20	20	22.8	21.9	114	109	58-137	4	30	
2-Butanone (MEK)	ug/L	ND	100	100	97.1	91.1	97	91	45-132	6	30	
2-Chlorotoluene	ug/L	ND	20	20	23.2	23.6	116	118	66-134	2	30	
4-Chlorotoluene	ug/L	ND	20	20	19.1	18.8	95	94	70-132	1	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	100	95.4	91.4	95	91	54-143	4	30	
Acetone	ug/L	ND	100	100	96.3	92.0	96	92	51-150	5	30	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3152548 3152549

Parameter	Units	10458820001 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	19.6	18.8	98	94	52-150	4	30	
Benzene	ug/L	ND	20	20	20.1	19.9	98	97	62-140	1	30	
Bromobenzene	ug/L	ND	20	20	19.1	19.2	96	96	70-128	1	30	
Bromochloromethane	ug/L	ND	20	20	19.7	19.4	98	97	65-131	1	30	
Bromodichloromethane	ug/L	ND	20	20	21.5	21.5	108	107	74-127	0	30	
Bromoform	ug/L	ND	20	20	18.6	18.3	93	91	59-125	2	30	
Bromomethane	ug/L	ND	20	20	18.7	17.6	94	88	30-149	6	30	
Carbon tetrachloride	ug/L	ND	20	20	21.5	20.9	108	104	67-134	3	30	
Chlorobenzene	ug/L	ND	20	20	19.6	19.7	98	98	72-131	1	30	
Chloroethane	ug/L	ND	20	20	25.1	20.2	126	101	55-150	22	30	
Chloroform	ug/L	ND	20	20	19.0	18.4	95	92	67-125	3	30	
Chloromethane	ug/L	ND	20	20	21.1	20.5	105	103	43-148	3	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	19.5	19.0	97	95	62-132	2	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	18.9	18.8	94	94	63-129	0	30	
Dibromochloromethane	ug/L	ND	20	20	19.2	19.1	96	95	67-127	1	30	
Dibromomethane	ug/L	ND	20	20	19.5	19.1	98	95	68-132	2	30	
Dichlorodifluoromethane	ug/L	ND	20	20	25.7	22.4	128	112	59-144	14	30	
Dichlorofluoromethane	ug/L	ND	20	20	23.9	20.8	120	104	63-144	14	30	N2
Diethyl ether (Ethyl ether)	ug/L	ND	20	20	18.8	18.3	94	92	52-139	3	30	
Ethylbenzene	ug/L	63.2	20	20	64.3	73.9	5	53	75-131	14	30	M1
Hexachloro-1,3-butadiene	ug/L	ND	20	20	25.1	22.9	125	115	58-146	9	30	
Isopropylbenzene (Cumene)	ug/L	4.9	20	20	23.1	23.8	91	95	71-132	3	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	17.3	17.2	86	86	65-130	0	30	
Methylene Chloride	ug/L	ND	20	20	18.6	18.2	93	91	66-125	2	30	
n-Butylbenzene	ug/L	ND	20	20	20.5	20.2	99	97	57-141	2	30	
n-Propylbenzene	ug/L	6.3	20	20	24.2	25.1	89	94	70-131	4	30	
Naphthalene	ug/L	14.4	20	20	30.4	31.4	80	85	48-134	3	30	
p-Isopropyltoluene	ug/L	ND	20	20	20.6	20.4	98	97	66-136	1	30	
sec-Butylbenzene	ug/L	ND	20	20	19.8	19.9	99	99	69-134	0	30	
Styrene	ug/L	ND	20	20	18.3	18.4	89	90	65-134	1	30	
tert-Butylbenzene	ug/L	ND	20	20	19.7	19.6	98	98	71-130	0	30	
Tetrachloroethene	ug/L	ND	20	20	20.0	19.5	100	98	69-135	3	30	
Tetrahydrofuran	ug/L	ND	200	200	185	179	93	89	48-150	4	30	
Toluene	ug/L	3.0	20	20	23.1	22.7	101	99	68-132	1	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	20.2	19.2	101	96	61-134	5	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	16.4	16.6	82	83	66-125	1	30	
Trichloroethene	ug/L	ND	20	20	20.4	19.9	102	99	64-136	2	30	
Trichlorofluoromethane	ug/L	ND	20	20	27.2	23.6	136	118	65-146	14	30	
Vinyl chloride	ug/L	ND	20	20	24.9	21.6	124	108	51-150	14	30	
Xylene (Total)	ug/L	200	60	60	220	234	33	57	69-135	6	30	ES,MS
1,2-Dichloroethane-d4 (S)	%.						102	101	75-125			
4-Bromofluorobenzene (S)	%.						100	103	75-125			
Toluene-d8 (S)	%.						101	100	75-125			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

QC Batch: 581687 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260B MSV 465 W
Associated Lab Samples: 10458810002, 10458810003, 10458810004, 10458810005, 10458810006, 10458810007

METHOD BLANK: 3153325 Matrix: Water
Associated Lab Samples: 10458810002, 10458810003, 10458810004, 10458810005, 10458810006, 10458810007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.20	0.65	12/19/18 01:20	
1,1,1-Trichloroethane	ug/L	<0.14	0.45	12/19/18 01:20	
1,1,2,2-Tetrachloroethane	ug/L	<0.17	0.57	12/19/18 01:20	
1,1,2-Trichloroethane	ug/L	<0.18	0.60	12/19/18 01:20	
1,1,2-Trichlorotrifluoroethane	ug/L	<0.47	1.6	12/19/18 01:20	
1,1-Dichloroethane	ug/L	<0.17	0.57	12/19/18 01:20	
1,1-Dichloroethene	ug/L	<0.16	0.53	12/19/18 01:20	
1,1-Dichloropropene	ug/L	<0.20	0.66	12/19/18 01:20	
1,2,3-Trichlorobenzene	ug/L	0.26J	0.69	12/19/18 01:20	
1,2,3-Trichloropropane	ug/L	<0.26	0.86	12/19/18 01:20	
1,2,4-Trichlorobenzene	ug/L	<0.20	0.66	12/19/18 01:20	
1,2,4-Trimethylbenzene	ug/L	<0.20	0.65	12/19/18 01:20	
1,2-Dibromo-3-chloropropane	ug/L	<1.7	5.5	12/19/18 01:20	
1,2-Dibromoethane (EDB)	ug/L	<0.24	0.80	12/19/18 01:20	
1,2-Dichlorobenzene	ug/L	<0.14	0.46	12/19/18 01:20	
1,2-Dichloroethane	ug/L	<0.22	0.73	12/19/18 01:20	
1,2-Dichloropropane	ug/L	<0.16	0.55	12/19/18 01:20	
1,3,5-Trimethylbenzene	ug/L	<0.12	0.41	12/19/18 01:20	
1,3-Dichlorobenzene	ug/L	<0.16	0.54	12/19/18 01:20	
1,3-Dichloropropane	ug/L	<0.17	0.58	12/19/18 01:20	
1,4-Dichlorobenzene	ug/L	<0.17	0.56	12/19/18 01:20	
2,2-Dichloropropane	ug/L	<0.17	0.57	12/19/18 01:20	
2-Butanone (MEK)	ug/L	<0.99	3.3	12/19/18 01:20	
2-Chlorotoluene	ug/L	<0.16	0.54	12/19/18 01:20	
4-Chlorotoluene	ug/L	<0.13	0.45	12/19/18 01:20	
4-Methyl-2-pentanone (MIBK)	ug/L	<0.42	1.4	12/19/18 01:20	
Acetone	ug/L	<9.2	30.8	12/19/18 01:20	
Allyl chloride	ug/L	<0.29	0.97	12/19/18 01:20	
Benzene	ug/L	<0.10	0.34	12/19/18 01:20	
Bromobenzene	ug/L	<0.21	0.69	12/19/18 01:20	
Bromochloromethane	ug/L	<0.27	0.91	12/19/18 01:20	
Bromodichloromethane	ug/L	<0.22	0.72	12/19/18 01:20	
Bromoform	ug/L	<0.80	2.7	12/19/18 01:20	
Bromomethane	ug/L	<1.8	6.1	12/19/18 01:20	
Carbon tetrachloride	ug/L	<0.19	0.63	12/19/18 01:20	
Chlorobenzene	ug/L	<0.17	0.57	12/19/18 01:20	
Chloroethane	ug/L	<0.49	1.6	12/19/18 01:20	
Chloroform	ug/L	<0.45	1.5	12/19/18 01:20	
Chloromethane	ug/L	<0.16	0.52	12/19/18 01:20	CL
cis-1,2-Dichloroethene	ug/L	<0.15	0.51	12/19/18 01:20	
cis-1,3-Dichloropropene	ug/L	<0.20	0.68	12/19/18 01:20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

METHOD BLANK: 3153325 Matrix: Water
Associated Lab Samples: 10458810002, 10458810003, 10458810004, 10458810005, 10458810006, 10458810007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	<0.46	1.5	12/19/18 01:20	
Dibromomethane	ug/L	<0.39	1.3	12/19/18 01:20	
Dichlorodifluoromethane	ug/L	<0.23	0.78	12/19/18 01:20	
Dichlorofluoromethane	ug/L	<0.14	0.47	12/19/18 01:20	N2
Diethyl ether (Ethyl ether)	ug/L	<0.095	0.32	12/19/18 01:20	
Ethylbenzene	ug/L	<0.14	0.46	12/19/18 01:20	
Hexachloro-1,3-butadiene	ug/L	<0.31	1.0	12/19/18 01:20	
Isopropylbenzene (Cumene)	ug/L	<0.18	0.62	12/19/18 01:20	
Methyl-tert-butyl ether	ug/L	<0.16	0.54	12/19/18 01:20	
Methylene Chloride	ug/L	<0.98	3.3	12/19/18 01:20	
n-Butylbenzene	ug/L	<0.24	0.80	12/19/18 01:20	
n-Propylbenzene	ug/L	<0.10	0.34	12/19/18 01:20	
Naphthalene	ug/L	<0.48	1.6	12/19/18 01:20	
p-Isopropyltoluene	ug/L	<0.15	0.51	12/19/18 01:20	
sec-Butylbenzene	ug/L	<0.15	0.50	12/19/18 01:20	
Styrene	ug/L	<0.19	0.62	12/19/18 01:20	
tert-Butylbenzene	ug/L	<0.15	0.49	12/19/18 01:20	
Tetrachloroethene	ug/L	<0.17	0.57	12/19/18 01:20	
Tetrahydrofuran	ug/L	<2.2	7.4	12/19/18 01:20	
Toluene	ug/L	<0.083	0.28	12/19/18 01:20	
trans-1,2-Dichloroethene	ug/L	<0.24	0.79	12/19/18 01:20	
trans-1,3-Dichloropropene	ug/L	<0.18	0.61	12/19/18 01:20	
Trichloroethene	ug/L	<0.15	0.50	12/19/18 01:20	
Trichlorofluoromethane	ug/L	<0.23	0.77	12/19/18 01:20	
Vinyl chloride	ug/L	<0.092	0.31	12/19/18 01:20	
Xylene (Total)	ug/L	<0.31	1.0	12/19/18 01:20	
1,2-Dichloroethane-d4 (S)	%.	87	75-125	12/19/18 01:20	
4-Bromofluorobenzene (S)	%.	98	75-125	12/19/18 01:20	
Toluene-d8 (S)	%.	95	75-125	12/19/18 01:20	

LABORATORY CONTROL SAMPLE: 3153326

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	10	9.4	94	75-125	
1,1,1-Trichloroethane	ug/L	10	8.9	89	75-125	
1,1,2,2-Tetrachloroethane	ug/L	10	9.5	95	75-129	
1,1,2-Trichloroethane	ug/L	10	9.3	93	75-125	
1,1,2-Trichlorotrifluoroethane	ug/L	10	9.4	94	74-125	
1,1-Dichloroethane	ug/L	10	9.1	91	75-127	
1,1-Dichloroethene	ug/L	10	9.2	92	73-125	
1,1-Dichloropropene	ug/L	10	9.1	91	75-125	
1,2,3-Trichlorobenzene	ug/L	10	10.7	107	74-126	
1,2,3-Trichloropropane	ug/L	10	9.2	92	75-125	
1,2,4-Trichlorobenzene	ug/L	10	10.2	102	75-125	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

LABORATORY CONTROL SAMPLE: 3153326

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/L	10	9.1	91	75-125	
1,2-Dibromo-3-chloropropane	ug/L	25	20.2	81	64-129	
1,2-Dibromoethane (EDB)	ug/L	10	9.5	95	75-125	
1,2-Dichlorobenzene	ug/L	10	10.2	102	75-125	
1,2-Dichloroethane	ug/L	10	9.0	90	74-125	
1,2-Dichloropropane	ug/L	10	9.6	96	75-125	
1,3,5-Trimethylbenzene	ug/L	10	9.7	97	75-125	
1,3-Dichlorobenzene	ug/L	10	10.4	104	75-125	
1,3-Dichloropropane	ug/L	10	9.6	96	75-125	
1,4-Dichlorobenzene	ug/L	10	10.2	102	75-125	
2,2-Dichloropropane	ug/L	10	8.8	88	70-125	
2-Butanone (MEK)	ug/L	50	44.0	88	57-130	
2-Chlorotoluene	ug/L	10	9.8	98	75-125	
4-Chlorotoluene	ug/L	10	9.9	99	75-125	
4-Methyl-2-pentanone (MIBK)	ug/L	50	46.1	92	69-137	
Acetone	ug/L	50	44.6	89	32-150	
Allyl chloride	ug/L	10	9.0	90	64-135	
Benzene	ug/L	10	8.6	86	75-126	
Bromobenzene	ug/L	10	10.9	109	75-125	
Bromochloromethane	ug/L	10	9.6	96	75-126	
Bromodichloromethane	ug/L	10	8.8	88	75-125	
Bromoform	ug/L	10	9.1	91	67-125	
Bromomethane	ug/L	10	11.8	118	30-150	SS
Carbon tetrachloride	ug/L	10	8.7	87	75-125	
Chlorobenzene	ug/L	10	10.0	100	75-125	
Chloroethane	ug/L	10	11.7	117	64-142	
Chloroform	ug/L	10	8.8	88	75-125	
Chloromethane	ug/L	10	6.0	60	40-150	CL
cis-1,2-Dichloroethene	ug/L	10	8.9	89	75-125	
cis-1,3-Dichloropropene	ug/L	10	9.0	90	75-125	
Dibromochloromethane	ug/L	10	9.1	91	75-125	
Dibromomethane	ug/L	10	10.9	109	75-125	
Dichlorodifluoromethane	ug/L	10	10.5	105	61-132	
Dichlorofluoromethane	ug/L	10	9.6	96	75-129	N2
Diethyl ether (Ethyl ether)	ug/L	10	8.9	89	74-125	
Ethylbenzene	ug/L	10	9.5	95	75-125	
Hexachloro-1,3-butadiene	ug/L	10	11.9	119	75-125	
Isopropylbenzene (Cumene)	ug/L	10	9.7	97	75-125	
Methyl-tert-butyl ether	ug/L	10	8.6	86	73-129	
Methylene Chloride	ug/L	10	9.0	90	72-125	
n-Butylbenzene	ug/L	10	9.1	91	75-125	
n-Propylbenzene	ug/L	10	10	100	75-125	
Naphthalene	ug/L	10	8.4	84	65-126	
p-Isopropyltoluene	ug/L	10	9.9	99	75-125	
sec-Butylbenzene	ug/L	10	10.1	101	75-125	
Styrene	ug/L	10	9.9	99	75-125	
tert-Butylbenzene	ug/L	10	10.2	102	75-125	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

LABORATORY CONTROL SAMPLE: 3153326

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Tetrachloroethene	ug/L	10	10.6	106	75-125	
Tetrahydrofuran	ug/L	100	90.3	90	30-150	
Toluene	ug/L	10	9.4	94	74-125	
trans-1,2-Dichloroethene	ug/L	10	9.0	90	70-126	
trans-1,3-Dichloropropene	ug/L	10	8.9	89	75-125	
Trichloroethene	ug/L	10	10.4	104	75-125	
Trichlorofluoromethane	ug/L	10	11.2	112	71-131	
Vinyl chloride	ug/L	10	10.8	108	65-137	
Xylene (Total)	ug/L	30	29.9	100	75-125	
1,2-Dichloroethane-d4 (S)	%.			88	75-125	
4-Bromofluorobenzene (S)	%.			98	75-125	
Toluene-d8 (S)	%.			98	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3153327 3153328

Parameter	Units	10458200021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	19.9	19.9	100	100	69-130	0	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	20.5	19.8	102	99	72-133	3	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	19.9	18.3	99	92	60-137	8	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	20.1	19.0	101	95	70-128	6	30	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	20	20	22.1	21.3	110	107	64-147	4	30	
1,1-Dichloroethane	ug/L	ND	20	20	19.8	18.9	99	94	64-136	5	30	
1,1-Dichloroethene	ug/L	ND	20	20	21.7	21.2	108	106	67-139	2	30	
1,1-Dichloropropene	ug/L	ND	20	20	20.4	19.6	102	98	69-131	4	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20.1	17.5	100	87	60-138	14	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	19.9	17.7	99	89	67-129	11	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	19.4	17.4	97	87	71-125	11	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	18.6	17.9	93	89	67-130	4	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	50	50	46.8	40.0	94	80	52-141	16	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20.5	19.3	102	96	66-130	6	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	20.1	19.4	100	97	72-126	4	30	
1,2-Dichloroethane	ug/L	ND	20	20	18.9	18.0	95	90	64-125	5	30	
1,2-Dichloropropane	ug/L	ND	20	20	21.0	20.2	105	101	65-128	4	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	19.5	18.9	98	94	63-139	3	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	20.9	20.2	105	101	70-128	3	30	
1,3-Dichloropropane	ug/L	ND	20	20	20.5	19.7	102	98	70-131	4	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	20.6	19.5	103	98	74-125	6	30	
2,2-Dichloropropane	ug/L	ND	20	20	19.5	19.3	98	97	58-137	1	30	
2-Butanone (MEK)	ug/L	ND	100	100	98.4	82.8	98	83	45-132	17	30	
2-Chlorotoluene	ug/L	ND	20	20	20.5	19.8	102	99	66-134	3	30	
4-Chlorotoluene	ug/L	ND	20	20	20.0	19.2	100	96	70-132	4	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	100	107	92.8	107	93	54-143	14	30	
Acetone	ug/L	ND	100	100	86.2	82.8	86	83	51-150	4	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3153327 3153328

Parameter	Units	10458200021 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	20.3	19.4	101	97	52-150	4	30	
Benzene	ug/L	ND	20	20	19.2	18.5	96	93	62-140	4	30	
Bromobenzene	ug/L	ND	20	20	22.1	21.2	111	106	70-128	4	30	
Bromochloromethane	ug/L	ND	20	20	20.3	19.3	101	96	65-131	5	30	
Bromodichloromethane	ug/L	ND	20	20	18.9	18.1	94	91	74-127	4	30	
Bromoform	ug/L	ND	20	20	20.1	19.0	101	95	59-125	5	30	
Bromomethane	ug/L	ND	20	20	23.5	24.4	117	122	30-149	4	30	SS
Carbon tetrachloride	ug/L	ND	20	20	19.3	19.1	97	95	67-134	1	30	
Chlorobenzene	ug/L	ND	20	20	21.3	20.5	107	103	72-131	4	30	
Chloroethane	ug/L	ND	20	20	22.5	23.2	112	116	55-150	3	30	
Chloroform	ug/L	ND	20	20	18.9	18.3	95	91	67-125	3	30	
Chloromethane	ug/L	ND	20	20	12.0	12.1	60	60	43-148	1	30	CL
cis-1,2-Dichloroethene	ug/L	ND	20	20	19.9	19.1	100	95	62-132	4	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	19.7	18.8	98	94	63-129	5	30	
Dibromochloromethane	ug/L	ND	20	20	19.7	19.1	99	96	67-127	3	30	
Dibromomethane	ug/L	ND	20	20	23.2	21.9	116	110	68-132	6	30	
Dichlorodifluoromethane	ug/L	ND	20	20	22.9	22.3	115	111	59-144	3	30	
Dichlorofluoromethane	ug/L	ND	20	20	20.4	20.4	102	102	63-144	0	30	N2
Diethyl ether (Ethyl ether)	ug/L	ND	20	20	19.9	18.4	100	92	52-139	8	30	
Ethylbenzene	ug/L	ND	20	20	20.7	20.2	103	101	75-131	3	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	21.3	20.0	107	100	58-146	7	30	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	21.1	20.5	106	103	71-132	3	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	19.1	17.6	95	88	65-130	8	30	
Methylene Chloride	ug/L	ND	20	20	18.8	18.5	92	91	66-125	2	30	
n-Butylbenzene	ug/L	ND	20	20	18.7	17.7	94	88	57-141	6	30	
n-Propylbenzene	ug/L	ND	20	20	20.6	20.2	103	101	70-131	2	30	
Naphthalene	ug/L	ND	20	20	16.7	15.2	83	76	48-134	9	30	
p-Isopropyltoluene	ug/L	ND	20	20	20.4	19.6	102	98	66-136	4	30	
sec-Butylbenzene	ug/L	ND	20	20	20.7	19.9	103	100	69-134	4	30	
Styrene	ug/L	ND	20	20	21.1	20.5	106	102	65-134	3	30	
tert-Butylbenzene	ug/L	ND	20	20	21.1	20.7	105	104	71-130	2	30	
Tetrachloroethene	ug/L	ND	20	20	22.9	22.7	115	114	69-135	1	30	
Tetrahydrofuran	ug/L	ND	200	200	176	170	88	85	48-150	3	30	
Toluene	ug/L	ND	20	20	20.2	20.0	101	100	68-132	1	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	20.2	19.5	101	98	61-134	3	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	19.5	18.9	97	95	66-125	3	30	
Trichloroethene	ug/L	ND	20	20	23.0	22.3	115	111	64-136	3	30	
Trichlorofluoromethane	ug/L	ND	20	20	23.9	23.6	120	118	65-146	2	30	
Vinyl chloride	ug/L	ND	20	20	23.5	23.1	117	116	51-150	2	30	
Xylene (Total)	ug/L	ND	60	60	64.8	63.0	108	105	69-135	3	30	
1,2-Dichloroethane-d4 (S)	%.						91	90	75-125			
4-Bromofluorobenzene (S)	%.						96	97	75-125			
Toluene-d8 (S)	%.						97	96	75-125			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

QC Batch: 581781 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260B MSV 465 W
Associated Lab Samples: 10458810008, 10458810009, 10458810010, 10458810011, 10458810012, 10458810013, 10458810014, 10458810015, 10458810016, 10458810017, 10458810018, 10458810019, 10458810020, 10458810021

METHOD BLANK: 3153823 Matrix: Water
Associated Lab Samples: 10458810008, 10458810009, 10458810010, 10458810011, 10458810012, 10458810013, 10458810014, 10458810015, 10458810016, 10458810017, 10458810018, 10458810019, 10458810020, 10458810021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.20	1.0	12/19/18 10:51	
1,1,1-Trichloroethane	ug/L	<0.14	1.0	12/19/18 10:51	
1,1,2,2-Tetrachloroethane	ug/L	<0.17	1.0	12/19/18 10:51	
1,1,2-Trichloroethane	ug/L	<0.18	1.0	12/19/18 10:51	
1,1,2-Trichlorotrifluoroethane	ug/L	<0.47	1.0	12/19/18 10:51	
1,1-Dichloroethane	ug/L	<0.17	1.0	12/19/18 10:51	
1,1-Dichloroethene	ug/L	<0.16	1.0	12/19/18 10:51	
1,1-Dichloropropene	ug/L	<0.20	1.0	12/19/18 10:51	
1,2,3-Trichlorobenzene	ug/L	<0.21	1.0	12/19/18 10:51	
1,2,3-Trichloropropane	ug/L	<0.26	4.0	12/19/18 10:51	
1,2,4-Trichlorobenzene	ug/L	<0.20	1.0	12/19/18 10:51	
1,2,4-Trimethylbenzene	ug/L	<0.20	1.0	12/19/18 10:51	
1,2-Dibromo-3-chloropropane	ug/L	<1.7	4.0	12/19/18 10:51	
1,2-Dibromoethane (EDB)	ug/L	<0.24	1.0	12/19/18 10:51	
1,2-Dichlorobenzene	ug/L	<0.14	1.0	12/19/18 10:51	
1,2-Dichloroethane	ug/L	<0.22	1.0	12/19/18 10:51	
1,2-Dichloropropane	ug/L	<0.16	4.0	12/19/18 10:51	
1,3,5-Trimethylbenzene	ug/L	<0.12	1.0	12/19/18 10:51	
1,3-Dichlorobenzene	ug/L	<0.16	1.0	12/19/18 10:51	
1,3-Dichloropropane	ug/L	<0.17	1.0	12/19/18 10:51	
1,4-Dichlorobenzene	ug/L	<0.17	1.0	12/19/18 10:51	
2,2-Dichloropropane	ug/L	<0.17	4.0	12/19/18 10:51	
2-Butanone (MEK)	ug/L	<0.99	5.0	12/19/18 10:51	
2-Chlorotoluene	ug/L	<0.16	1.0	12/19/18 10:51	
4-Chlorotoluene	ug/L	<0.13	1.0	12/19/18 10:51	
4-Methyl-2-pentanone (MIBK)	ug/L	<0.42	5.0	12/19/18 10:51	
Acetone	ug/L	<9.2	20.0	12/19/18 10:51	
Allyl chloride	ug/L	<0.29	4.0	12/19/18 10:51	
Benzene	ug/L	<0.10	1.0	12/19/18 10:51	
Bromobenzene	ug/L	<0.21	1.0	12/19/18 10:51	
Bromochloromethane	ug/L	<0.27	1.0	12/19/18 10:51	
Bromodichloromethane	ug/L	<0.22	1.0	12/19/18 10:51	
Bromoform	ug/L	<0.80	4.0	12/19/18 10:51	
Bromomethane	ug/L	<1.8	4.0	12/19/18 10:51	
Carbon tetrachloride	ug/L	<0.19	1.0	12/19/18 10:51	
Chlorobenzene	ug/L	<0.17	1.0	12/19/18 10:51	
Chloroethane	ug/L	<0.49	4.0	12/19/18 10:51	
Chloroform	ug/L	<0.45	1.0	12/19/18 10:51	
Chloromethane	ug/L	<0.16	4.0	12/19/18 10:51	
cis-1,2-Dichloroethene	ug/L	<0.15	1.0	12/19/18 10:51	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

METHOD BLANK: 3153823 Matrix: Water

Associated Lab Samples: 10458810008, 10458810009, 10458810010, 10458810011, 10458810012, 10458810013, 10458810014, 10458810015, 10458810016, 10458810017, 10458810018, 10458810019, 10458810020, 10458810021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/L	<0.20	4.0	12/19/18 10:51	
Dibromochloromethane	ug/L	<0.46	1.0	12/19/18 10:51	
Dibromomethane	ug/L	<0.39	4.0	12/19/18 10:51	
Dichlorodifluoromethane	ug/L	<0.23	1.0	12/19/18 10:51	
Dichlorofluoromethane	ug/L	<0.14	1.0	12/19/18 10:51	N2
Diethyl ether (Ethyl ether)	ug/L	<0.095	4.0	12/19/18 10:51	
Ethylbenzene	ug/L	<0.14	1.0	12/19/18 10:51	
Hexachloro-1,3-butadiene	ug/L	<0.31	1.0	12/19/18 10:51	
Isopropylbenzene (Cumene)	ug/L	<0.18	1.0	12/19/18 10:51	
Methyl-tert-butyl ether	ug/L	<0.16	1.0	12/19/18 10:51	
Methylene Chloride	ug/L	<0.98	4.0	12/19/18 10:51	
n-Butylbenzene	ug/L	<0.24	1.0	12/19/18 10:51	
n-Propylbenzene	ug/L	<0.10	1.0	12/19/18 10:51	
Naphthalene	ug/L	<0.48	4.0	12/19/18 10:51	
p-Isopropyltoluene	ug/L	<0.15	1.0	12/19/18 10:51	
sec-Butylbenzene	ug/L	<0.15	1.0	12/19/18 10:51	
Styrene	ug/L	<0.19	1.0	12/19/18 10:51	
tert-Butylbenzene	ug/L	<0.15	1.0	12/19/18 10:51	
Tetrachloroethene	ug/L	<0.17	1.0	12/19/18 10:51	
Tetrahydrofuran	ug/L	<2.2	10.0	12/19/18 10:51	
Toluene	ug/L	<0.083	1.0	12/19/18 10:51	
trans-1,2-Dichloroethene	ug/L	<0.24	1.0	12/19/18 10:51	
trans-1,3-Dichloropropene	ug/L	<0.18	4.0	12/19/18 10:51	
Trichloroethene	ug/L	<0.15	0.40	12/19/18 10:51	
Trichlorofluoromethane	ug/L	<0.23	1.0	12/19/18 10:51	
Vinyl chloride	ug/L	<0.092	0.20	12/19/18 10:51	
Xylene (Total)	ug/L	<0.31	3.0	12/19/18 10:51	
1,2-Dichloroethane-d4 (S)	%.	98	75-125	12/19/18 10:51	
4-Bromofluorobenzene (S)	%.	98	75-125	12/19/18 10:51	
Toluene-d8 (S)	%.	101	75-125	12/19/18 10:51	

LABORATORY CONTROL SAMPLE: 3153824

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	19.4	97	75-125	
1,1,1-Trichloroethane	ug/L	20	19.0	95	75-125	
1,1,2,2-Tetrachloroethane	ug/L	20	19.3	97	75-129	
1,1,2-Trichloroethane	ug/L	20	20.0	100	75-125	
1,1,2-Trichlorotrifluoroethane	ug/L	20	19.7	98	74-125	
1,1-Dichloroethane	ug/L	20	19.0	95	75-127	
1,1-Dichloroethene	ug/L	20	17.5	88	73-125	
1,1-Dichloropropene	ug/L	20	18.7	93	75-125	
1,2,3-Trichlorobenzene	ug/L	20	19.5	97	74-126	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

LABORATORY CONTROL SAMPLE: 3153824

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichloropropane	ug/L	20	18.2	91	75-125	
1,2,4-Trichlorobenzene	ug/L	20	19.4	97	75-125	
1,2,4-Trimethylbenzene	ug/L	20	18.9	94	75-125	
1,2-Dibromo-3-chloropropane	ug/L	50	44.5	89	64-129	
1,2-Dibromoethane (EDB)	ug/L	20	18.1	90	75-125	
1,2-Dichlorobenzene	ug/L	20	19.7	99	75-125	
1,2-Dichloroethane	ug/L	20	17.7	89	74-125	
1,2-Dichloropropane	ug/L	20	19.3	97	75-125	
1,3,5-Trimethylbenzene	ug/L	20	18.5	93	75-125	
1,3-Dichlorobenzene	ug/L	20	20.0	100	75-125	
1,3-Dichloropropane	ug/L	20	19.9	100	75-125	
1,4-Dichlorobenzene	ug/L	20	19.2	96	75-125	
2,2-Dichloropropane	ug/L	20	20.0	100	70-125	
2-Butanone (MEK)	ug/L	100	92.8	93	57-130	
2-Chlorotoluene	ug/L	20	20.7	104	75-125	
4-Chlorotoluene	ug/L	20	19.0	95	75-125	
4-Methyl-2-pentanone (MIBK)	ug/L	100	99.5	100	69-137	
Acetone	ug/L	100	98.5	99	32-150	
Allyl chloride	ug/L	20	17.3	86	64-135	
Benzene	ug/L	20	18.1	91	75-126	
Bromobenzene	ug/L	20	19.2	96	75-125	
Bromochloromethane	ug/L	20	19.9	99	75-126	
Bromodichloromethane	ug/L	20	21.4	107	75-125	
Bromoform	ug/L	20	19.6	98	67-125	
Bromomethane	ug/L	20	14.3	72	30-150	
Carbon tetrachloride	ug/L	20	19.3	96	75-125	
Chlorobenzene	ug/L	20	19.7	99	75-125	
Chloroethane	ug/L	20	19.3	96	64-142	
Chloroform	ug/L	20	17.7	88	75-125	
Chloromethane	ug/L	20	17.6	88	40-150	
cis-1,2-Dichloroethene	ug/L	20	17.8	89	75-125	
cis-1,3-Dichloropropene	ug/L	20	19.0	95	75-125	
Dibromochloromethane	ug/L	20	19.9	99	75-125	
Dibromomethane	ug/L	20	20.3	102	75-125	
Dichlorodifluoromethane	ug/L	20	21.2	106	61-132	
Dichlorofluoromethane	ug/L	20	20.0	100	75-129	N2
Diethyl ether (Ethyl ether)	ug/L	20	18.7	94	74-125	
Ethylbenzene	ug/L	20	18.5	93	75-125	
Hexachloro-1,3-butadiene	ug/L	20	20.8	104	75-125	
Isopropylbenzene (Cumene)	ug/L	20	18.7	93	75-125	
Methyl-tert-butyl ether	ug/L	20	17.2	86	73-129	
Methylene Chloride	ug/L	20	18.1	91	72-125	
n-Butylbenzene	ug/L	20	18.1	90	75-125	
n-Propylbenzene	ug/L	20	18.5	93	75-125	
Naphthalene	ug/L	20	18.1	90	65-126	
p-Isopropyltoluene	ug/L	20	17.9	89	75-125	
sec-Butylbenzene	ug/L	20	18.3	92	75-125	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

LABORATORY CONTROL SAMPLE: 3153824

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Styrene	ug/L	20	18.0	90	75-125	
tert-Butylbenzene	ug/L	20	18.1	91	75-125	
Tetrachloroethene	ug/L	20	18.6	93	75-125	
Tetrahydrofuran	ug/L	200	198	99	30-150	
Toluene	ug/L	20	19.4	97	74-125	
trans-1,2-Dichloroethene	ug/L	20	17.8	89	70-126	
trans-1,3-Dichloropropene	ug/L	20	16.8	84	75-125	
Trichloroethene	ug/L	20	19.2	96	75-125	
Trichlorofluoromethane	ug/L	20	21.5	107	71-131	
Vinyl chloride	ug/L	20	20.2	101	65-137	
Xylene (Total)	ug/L	60	55.9	93	75-125	
1,2-Dichloroethane-d4 (S)	%.			99	75-125	
4-Bromofluorobenzene (S)	%.			99	75-125	
Toluene-d8 (S)	%.			99	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3155023 3155024

Parameter	Units	10459287001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	<0.20	20	20	17.2	19.1	86	96	69-130	11	30	
1,1,1-Trichloroethane	ug/L	<0.14	20	20	18.8	20.1	94	100	72-133	7	30	
1,1,2,2-Tetrachloroethane	ug/L	<0.17	20	20	17.8	19.0	89	95	60-137	7	30	
1,1,2-Trichloroethane	ug/L	<0.18	20	20	17.8	19.2	89	96	70-128	7	30	
1,1,2-Trichlorotrifluoroethane	ug/L	<0.47	20	20	20.1	21.6	101	108	64-147	7	30	
1,1-Dichloroethane	ug/L	<0.17	20	20	18.3	19.5	91	98	64-136	7	30	
1,1-Dichloroethene	ug/L	<0.16	20	20	18.2	19.6	91	98	67-139	7	30	
1,1-Dichloropropene	ug/L	<0.20	20	20	18.8	20.1	94	100	69-131	7	30	
1,2,3-Trichlorobenzene	ug/L	<0.21	20	20	17.7	19.1	88	96	60-138	8	30	
1,2,3-Trichloropropane	ug/L	<0.26	20	20	16.3	17.9	82	90	67-129	9	30	
1,2,4-Trichlorobenzene	ug/L	<0.20	20	20	17.7	19.0	88	95	71-125	7	30	
1,2,4-Trimethylbenzene	ug/L	<0.20	20	20	17.0	18.9	85	95	67-130	11	30	
1,2-Dibromo-3-chloropropane	ug/L	<1.7	50	50	41.9	44.0	84	88	52-141	5	30	
1,2-Dibromoethane (EDB)	ug/L	<0.24	20	20	16.4	17.2	82	86	66-130	5	30	
1,2-Dichlorobenzene	ug/L	<0.14	20	20	17.3	19.2	86	96	72-126	11	30	
1,2-Dichloroethane	ug/L	<0.22	20	20	16.1	17.4	80	87	64-125	8	30	
1,2-Dichloropropane	ug/L	<0.16	20	20	17.7	18.7	89	93	65-128	5	30	
1,3,5-Trimethylbenzene	ug/L	<0.12	20	20	16.9	18.8	84	94	63-139	11	30	
1,3-Dichlorobenzene	ug/L	<0.16	20	20	17.6	19.7	88	98	70-128	11	30	
1,3-Dichloropropane	ug/L	<0.17	20	20	17.5	19.2	87	96	70-131	9	30	
1,4-Dichlorobenzene	ug/L	<0.17	20	20	17.1	18.7	86	94	74-125	9	30	
2,2-Dichloropropane	ug/L	<0.17	20	20	19.8	21.6	99	108	58-137	9	30	
2-Butanone (MEK)	ug/L	<0.99	100	100	86.0	89.8	86	90	45-132	4	30	
2-Chlorotoluene	ug/L	<0.16	20	20	19.0	21.1	95	105	66-134	11	30	
4-Chlorotoluene	ug/L	<0.13	20	20	17.3	19.2	86	96	70-132	10	30	

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REPORT OF LABORATORY ANALYSIS

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(612)607-1700

QUALITY CONTROL DATA

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3155023 3155024

Parameter	Units	10459287001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
4-Methyl-2-pentanone (MIBK)	ug/L	<0.42	100	100	90.6	96.1	91	96	54-143	6	30	
Acetone	ug/L	<9.2	100	100	86.3	93.3	86	93	51-150	8	30	
Allyl chloride	ug/L	<0.29	20	20	17.1	18.4	86	92	52-150	7	30	
Benzene	ug/L	<0.10	20	20	17.4	18.8	87	94	62-140	7	30	
Bromobenzene	ug/L	<0.21	20	20	17.2	19.1	86	96	70-128	11	30	
Bromochloromethane	ug/L	<0.27	20	20	17.2	19.2	86	96	65-131	11	30	
Bromodichloromethane	ug/L	<0.22	20	20	19.4	20.9	97	104	74-127	7	30	
Bromoform	ug/L	<0.80	20	20	17.7	19.1	88	96	59-125	8	30	
Bromomethane	ug/L	<1.8	20	20	14.8	17.4	74	87	30-149	17	30	
Carbon tetrachloride	ug/L	9.5	20	20	28.0	30.1	93	103	67-134	7	30	
Chlorobenzene	ug/L	<0.17	20	20	18.2	19.6	91	98	72-131	8	30	
Chloroethane	ug/L	<0.49	20	20	17.9	20.9	90	105	55-150	15	30	
Chloroform	ug/L	0.52J	20	20	17.0	18.4	83	89	67-125	8	30	
Chloromethane	ug/L	<0.16	20	20	13.5	19.2	68	96	43-148	35	30	R1
cis-1,2-Dichloroethene	ug/L	<0.15	20	20	16.9	18.6	85	93	62-132	9	30	
cis-1,3-Dichloropropene	ug/L	<0.20	20	20	16.8	17.9	84	89	63-129	6	30	
Dibromochloromethane	ug/L	<0.46	20	20	17.4	19.0	87	95	67-127	9	30	
Dibromomethane	ug/L	<0.39	20	20	17.8	19.3	89	97	68-132	8	30	
Dichlorodifluoromethane	ug/L	<0.23	20	20	20.7	24.2	103	121	59-144	16	30	
Dichlorofluoromethane	ug/L	<0.14	20	20	18.1	21.6	90	108	63-144	18	30	N2
Diethyl ether (Ethyl ether)	ug/L	<0.095	20	20	16.4	18.2	82	91	52-139	10	30	
Ethylbenzene	ug/L	<0.14	20	20	17.3	18.9	87	94	75-131	9	30	
Hexachloro-1,3-butadiene	ug/L	<0.31	20	20	21.4	22.3	107	112	58-146	4	30	
Isopropylbenzene (Cumene)	ug/L	<0.18	20	20	17.1	19.1	86	95	71-132	11	30	
Methyl-tert-butyl ether	ug/L	<0.16	20	20	15.3	16.9	77	85	65-130	10	30	
Methylene Chloride	ug/L	<0.98	20	20	16.4	17.9	82	89	66-125	9	30	
n-Butylbenzene	ug/L	<0.24	20	20	16.6	18.4	83	92	57-141	10	30	
n-Propylbenzene	ug/L	<0.10	20	20	17.3	19.2	86	96	70-131	10	30	
Naphthalene	ug/L	<0.48	20	20	16.1	17.7	80	88	48-134	9	30	
p-Isopropyltoluene	ug/L	<0.15	20	20	16.7	18.4	84	92	66-136	10	30	
sec-Butylbenzene	ug/L	<0.15	20	20	16.8	18.5	84	92	69-134	10	30	
Styrene	ug/L	<0.19	20	20	16.3	17.9	82	90	65-134	9	30	
tert-Butylbenzene	ug/L	<0.15	20	20	16.9	18.6	85	93	71-130	10	30	
Tetrachloroethene	ug/L	<0.17	20	20	18.1	19.4	90	97	69-135	7	30	
Tetrahydrofuran	ug/L	<2.2	200	200	171	180	86	90	48-150	5	30	
Toluene	ug/L	<0.083	20	20	17.2	18.5	86	93	68-132	8	30	
trans-1,2-Dichloroethene	ug/L	<0.24	20	20	17.7	18.9	88	94	61-134	6	30	
trans-1,3-Dichloropropene	ug/L	<0.18	20	20	14.9	16.3	75	82	66-125	9	30	
Trichloroethene	ug/L	<0.15	20	20	18.9	20.0	94	100	64-136	6	30	
Trichlorofluoromethane	ug/L	<0.23	20	20	21.4	24.7	107	123	65-146	14	30	
Vinyl chloride	ug/L	<0.092	20	20	19.6	22.8	98	114	51-150	15	30	
Xylene (Total)	ug/L	<0.31	60	60	52.3	56.6	87	94	69-135	8	30	
1,2-Dichloroethane-d4 (S)	%.						100	98	75-125			
4-Bromofluorobenzene (S)	%.						98	101	75-125			
Toluene-d8 (S)	%.						93	94	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

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALIFIERS

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

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, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

CL	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased low.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
ES	The reported result is estimated because one or more of the constituent results are qualified as such.
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.
MS	Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result.
N2	The lab does not hold NELAC/TNI accreditation for this parameter.
R1	RPD value was outside control limits.
SS	This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated value.

Pace Analytical Services, LLC
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 06080801 Laundry Basket-Revised Report
Pace Project No.: 10458810

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10458810001	**MW-10**	EPA 8260B	581502		
10458810002	**MW-13**	EPA 8260B	581687		
10458810003	**MW-13D**	EPA 8260B	581687		
10458810004	**MW-14**	EPA 8260B	581687		
10458810005	**MW-17**	EPA 8260B	581687		
10458810006	**MW-17-40**	EPA 8260B	581687		
10458810007	**MW-17-70**	EPA 8260B	581687		
10458810008	**MW-6LT**	EPA 8260B	581781		
10458810009	**MW-6-30LT**	EPA 8260B	581781		
10458810010	**MW-6-50LT**	EPA 8260B	581781		
10458810011	**MW-7LT**	EPA 8260B	581781		
10458810012	**MW-7-30LT**	EPA 8260B	581781		
10458810013	**MW-10LT**	EPA 8260B	581781		
10458810014	**MW-10-30LT**	EPA 8260B	581781		
10458810015	**MW-10-50LT**	EPA 8260B	581781		
10458810016	**MW-15S**	EPA 8260B	581781		
10458810017	**MW-15D**	EPA 8260B	581781		
10458810018	**MW-16S**	EPA 8260B	581781		
10458810019	**Dup**	EPA 8260B	581781		
10458810020	**MW-16D**	EPA 8260B	581781		
10458810021	**Trip Blank**	EPA 8260B	581781		

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CHAIN-OF-CUSTODY / Analytical Request Document

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

WO# : 10458810

10458810

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: MSA Professional Svcs	Report To: Erica Klingfus	Attention:
Address:	Copy To:	Company Name:
		Address:
Email To:	Purchase Order No.:	Pace Quote Reference:
Phone: Fax:	Project Name: Laundry Basket	Pace Project Manager: Shanna
Requested Due Date/TAT:	Project Number: 06080801	Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: WI

Requested Analysis Filtered (Y/N)

Section D Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N: VOC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-10	WT	G			12-11-18	1226		3									Y		001
2	MW-13						1255											X		002
3	MW-13D						1300											X		003
4	MW-14						1310											X		004
5	MW-17						1415											X		005
6	MW-17-40						1430											X		006
7	MW-17-70						1440											X		007
8	MW-6LT						1340											X		008
9	MW-6-30LT						1350											X		009
10	MW-6-50LT						1400											X		010
11	MW-7LT						1315											X		011
12	MW7-30LT						1325											X		012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
		12-13-18	1324	Raveena	12-13-18	1324	4.0	Y	Y	Y
	DHL	12/13/18	1845	Quillen PACE	12/13/18	1845	4.5	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Erica Klingfus

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 12-12-18

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: of 1825626

Section A Required Client Information:

Company: MSA Professional Services
Address: 332 W Superior St, Ste 1000
Duluth, MN 55802
Email To: eklingfus@msa-ps.com
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Erica Klingfus
Copy To:
Purchase Order No.:
Project Name: Laundry Basket
Project Number: 01080801

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager: Shawn
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: WI

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	VOC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-10LT	WT	G			12-11-18	1505		3										X		013
2	MW-10-30LT						1515												X		014
3	MW-10-50LT						1530												X		015
4	MW-15S					12-12-18	820												X		016
5	MW-15D						815												X		017
6	MW-16S					12-11-18	1540												X		018
7	MW-16D						1545												X		020
8	Dup																		X		019
9	Trip Blank								2										X		021
10																					
11																					
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples intact (Y/N)
	[signature]	12-13-18	1324	Lauren	12-13-18	1324	4.0	Y	Y	Y
	[signature]	12/13/18	1845	Pace	12/13/18	1845	4.3	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Erica KlingFus
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 12-12-18

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Pace Analytical	Document Name: **Sample Condition Upon Receipt Form**	Document Revised: 31Oct2018 Page 1 of 2
	Document No.: **F-MN-L-213-rev.24**	Issuing Authority: Pace Minnesota Quality Office

Sample Condition Upon Receipt

Client Name: MSA Professional

Project #: **WO#: 10458810**

PM: SRD Due Date: 12/21/18

CLIENT: MSA PROF

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: ☐ G87A9170600254 ☒ G87A9155100842 **Type of Ice:** ☒ Wet ☐ Blue ☐ None ☐ Dry ☐ Melted

Cooler Temp Read (°C): 4.5 **Cooler Temp Corrected (°C):** 4.5 **Biological Tissue Frozen?** ☐ Yes ☐ No ☒ N/A

Temp should be above freezing to 6°C **Correction Factor:** True **Date and Initials of Person Examining Contents:** CLT 12/13/18

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?	☒ Yes	☐ No		1.
Chain of Custody Filled Out?	☒ Yes	☐ No		2.
Chain of Custody Relinquished?	☒ Yes	☐ No		3.
Sampler Name and/or Signature on COC?	☒ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time?	☒ Yes	☐ No		5.
Short Hold Time Analysis (<72 hr)?	☐ Yes	☒ No		6.
Rush Turn Around Time Requested?	☐ Yes	☒ No		7.
Sufficient Volume?	☒ Yes	☐ No		8.
Correct Containers Used? -Pace Containers Used?	☒ Yes ☒ Yes	☐ No ☐ No		9.
Containers Intact?	☒ Yes	☐ No		10.
Filtered Volume Received for Dissolved Tests?	☐ Yes	☐ No	☒ N/A	11. Note if sediment is visible in the dissolved container
Is sufficient information available to reconcile the samples to the COC? Matrix: WT	☒ Yes	☐ No		12.
All containers needing acid/base preservation have been checked? All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, <2pH, NaOH >9 Sulfide, NaOH>12 Cyanide) Exceptions: VOA, Coliform, TOC/DOC Oil and Grease, DRO/8015 (water) and Dioxin/PFAS	☐ Yes ☐ Yes ☒ Yes	☐ No ☐ No ☐ No	☒ N/A ☒ N/A ☐ N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH Positive for Res. Chlorine? Y N Sample # Initial when completed: Lot # of added preservative:
Headspace in VOA Vials (>6mm)?	☒ Yes	☐ No	☐ N/A	14.
Trip Blank Present? Trip Blank Custody Seals Present? Pace Trip Blank Lot # (if purchased): 188069	☒ Yes ☒ Yes	☐ No ☐ No	☐ N/A ☐ N/A	15. 2 WT Trip Blank

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

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager Review: Date: 12/14/18

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).

Labeled by: TL

Pace Analytical	Document Name: **Headspace Exception**	Document Revised: 06Nov2017 Page 1 of 1
	Document No.: **F-MN-C-276-Rev.00**	Issuing Authority: Pace Minnesota Quality Office

Sample ID	Headspace > 6mm	Headspace < 6mm	No Headspace	Total Vials
MW-16	0	1	2	3
MW-13	0	1	2	3
MW-6LT	1	0	2	3
MW-15D	1	0	2	3
Trip Blank	1	1	0	2

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

December 18, 2018

Mark Davidson
MSA Professional Services
332 W. Superior St. #600
Duluth, MN 55802

RE: Project: 06080801 Laundry Basket
Pace Project No.: 10458811

Dear Mark Davidson:
Enclosed are the analytical results for sample(s) received by the laboratory on December 13, 2018. 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: Brian Hegge, MSA Professional Services
Erica Klingfus, MSA Professional Services

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

CERTIFICATIONS

Project: 06080801 Laundry Basket
Pace Project No.: 10458811

Minnesota Certification IDs

1700 Elm Street SE, Minneapolis, MN 55414-2485
A2LA Certification #: 2926.01
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: 17-009
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014
Arkansas DW Certification #: MN00064
Arkansas WW Certification #: 88-0680
California Certification #: 2929
CNMI Saipan Certification #: MP0003
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8+Wyoming DW Certification #: via MN 027-053-137
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
Massachusetts Certification #: M-MN064
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137
Minnesota Dept of Ag Certifcation #: via MN 027-053-137
Minnesota Petrofund Certification #: 1240
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 DEP Certification #: 382
Wisconsin Certification #: 999407970
Wyoming UST Certification #: via A2LA 2926.01

Pace Analytical Services, LLC
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Minneapolis, MN 55414
(612)607-1700

SAMPLE SUMMARY

Project: 06080801 Laundry Basket
Pace Project No.: 10458811

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10458811001	**SS-1**	Air	12/12/18 10:33	12/13/18 18:45
10458811002	**SS-2**	Air	12/12/18 11:25	12/13/18 18:45

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1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

SAMPLE ANALYTE COUNT

Project: 06080801 Laundry Basket
Pace Project No.: 10458811

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10458811001	**SS-1**	TO-15	MG2	61
10458811002	**SS-2**	TO-15	MG2	61

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

PROJECT NARRATIVE

Project: 06080801 Laundry Basket
Pace Project No.: 10458811

Method: **TO-15**
Description: TO15 MSV AIR
Client: MSA Professional Services
Date: December 18, 2018

General Information:
2 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.

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.

Additional Comments:

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

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10458811

Sample: SS-1 **Lab ID: 10458811001** Collected: 12/12/18 10:33 Received: 12/13/18 18:45 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Dichlorodifluoromethane	**2.0**	ug/m3	1.8	0.51	1.75		12/17/18 16:39	75-71-8	
Chloromethane	**<0.27**	ug/m3	0.74	0.27	1.75		12/17/18 16:39	74-87-3	
Dichlorotetrafluoroethane	**<0.76**	ug/m3	2.5	0.76	1.75		12/17/18 16:39	76-14-2	
Vinyl chloride	**<0.22**	ug/m3	0.46	0.22	1.75		12/17/18 16:39	75-01-4	
Bromomethane	**<0.40**	ug/m3	1.4	0.40	1.75		12/17/18 16:39	74-83-9	
Chloroethane	**<0.46**	ug/m3	0.94	0.46	1.75		12/17/18 16:39	75-00-3	
Trichlorofluoromethane	**1.1J**	ug/m3	2.0	0.64	1.75		12/17/18 16:39	75-69-4	
1,1-Dichloroethene	**<0.48**	ug/m3	1.4	0.48	1.75		12/17/18 16:39	75-35-4	
1,1,2-Trichlorotrifluoroethane	**<0.99**	ug/m3	2.7	0.99	1.75		12/17/18 16:39	76-13-1	
Methylene Chloride	**6.8**	ug/m3	6.2	1.7	1.75		12/17/18 16:39	75-09-2	
1,1-Dichloroethane	**<0.39**	ug/m3	1.4	0.39	1.75		12/17/18 16:39	75-34-3	
cis-1,2-Dichloroethene	**<0.38**	ug/m3	1.4	0.38	1.75		12/17/18 16:39	156-59-2	
Chloroform	**<0.34**	ug/m3	0.87	0.34	1.75		12/17/18 16:39	67-66-3	
1,1,1-Trichloroethane	**<0.54**	ug/m3	1.9	0.54	1.75		12/17/18 16:39	71-55-6	
1,1,2-Trichloroethane	**<0.44**	ug/m3	0.97	0.44	1.75		12/17/18 16:39	79-00-5	
1,2-Dichloroethane	**<0.26**	ug/m3	0.72	0.26	1.75		12/17/18 16:39	107-06-2	
Benzene	**<0.27**	ug/m3	0.57	0.27	1.75		12/17/18 16:39	71-43-2	
Carbon tetrachloride	**<0.75**	ug/m3	2.2	0.75	1.75		12/17/18 16:39	56-23-5	
1,2-Dichloropropane	**<0.40**	ug/m3	1.6	0.40	1.75		12/17/18 16:39	78-87-5	
Trichloroethene	**<0.45**	ug/m3	0.96	0.45	1.75		12/17/18 16:39	79-01-6	
cis-1,3-Dichloropropene	**<0.53**	ug/m3	1.6	0.53	1.75		12/17/18 16:39	10061-01-5	
trans-1,3-Dichloropropene	**<0.77**	ug/m3	1.6	0.77	1.75		12/17/18 16:39	10061-02-6	
Toluene	**0.88J**	ug/m3	1.3	0.61	1.75		12/17/18 16:39	108-88-3	
1,2-Dibromoethane (EDB)	**<0.64**	ug/m3	1.4	0.64	1.75		12/17/18 16:39	106-93-4	
Tetrachloroethene	**2.8**	ug/m3	1.2	0.55	1.75		12/17/18 16:39	127-18-4	
Chlorobenzene	**<0.48**	ug/m3	1.6	0.48	1.75		12/17/18 16:39	108-90-7	
Ethylbenzene	**<0.53**	ug/m3	1.5	0.53	1.75		12/17/18 16:39	100-41-4	
m&p-Xylene	**2.1J**	ug/m3	3.1	1.2	1.75		12/17/18 16:39	179601-23-1	
o-Xylene	**0.62J**	ug/m3	1.5	0.60	1.75		12/17/18 16:39	95-47-6	
Styrene	**<0.60**	ug/m3	1.5	0.60	1.75		12/17/18 16:39	100-42-5	
1,1,2,2-Tetrachloroethane	**<0.51**	ug/m3	1.2	0.51	1.75		12/17/18 16:39	79-34-5	
1,3,5-Trimethylbenzene	**<0.70**	ug/m3	1.7	0.70	1.75		12/17/18 16:39	108-67-8	
1,2,4-Trimethylbenzene	**1.7J**	ug/m3	1.7	0.79	1.75		12/17/18 16:39	95-63-6	
1,3-Dichlorobenzene	**<1.0**	ug/m3	2.1	1.0	1.75		12/17/18 16:39	541-73-1	
1,4-Dichlorobenzene	**<1.8**	ug/m3	5.4	1.8	1.75		12/17/18 16:39	106-46-7	
1,2-Dichlorobenzene	**<0.87**	ug/m3	2.1	0.87	1.75		12/17/18 16:39	95-50-1	
1,2,4-Trichlorobenzene	**<6.5**	ug/m3	13.2	6.5	1.75		12/17/18 16:39	120-82-1	
Hexachloro-1,3-butadiene	**<3.4**	ug/m3	9.5	3.4	1.75		12/17/18 16:39	87-68-3	
Tetrahydrofuran	**<0.46**	ug/m3	1.0	0.46	1.75		12/17/18 16:39	109-99-9	
Acetone	**14.0**	ug/m3	4.2	2.1	1.75		12/17/18 16:39	67-64-1	
2-Butanone (MEK)	**<0.65**	ug/m3	5.2	0.65	1.75		12/17/18 16:39	78-93-3	
n-Hexane	**0.62J**	ug/m3	1.3	0.54	1.75		12/17/18 16:39	110-54-3	
Methyl-tert-butyl ether	**<1.2**	ug/m3	6.4	1.2	1.75		12/17/18 16:39	1634-04-4	
Dibromochloromethane	**<1.3**	ug/m3	3.0	1.3	1.75		12/17/18 16:39	124-48-1	
1,3-Butadiene	**<0.22**	ug/m3	0.79	0.22	1.75		12/17/18 16:39	106-99-0	
Carbon disulfide	**<0.38**	ug/m3	1.1	0.38	1.75		12/17/18 16:39	75-15-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10458811

Sample: SS-1 **Lab ID: 10458811001** Collected: 12/12/18 10:33 Received: 12/13/18 18:45 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Vinyl acetate	**<0.47**	ug/m3	1.3	0.47	1.75		12/17/18 16:39	108-05-4	
Cyclohexane	**<0.62**	ug/m3	3.1	0.62	1.75		12/17/18 16:39	110-82-7	
Ethyl acetate	**<0.33**	ug/m3	1.3	0.33	1.75		12/17/18 16:39	141-78-6	
4-Methyl-2-pentanone (MIBK)	**<0.91**	ug/m3	7.3	0.91	1.75		12/17/18 16:39	108-10-1	
2-Hexanone	**<1.3**	ug/m3	7.3	1.3	1.75		12/17/18 16:39	591-78-6	
Bromoform	**<2.5**	ug/m3	9.2	2.5	1.75		12/17/18 16:39	75-25-2	
trans-1,2-Dichloroethene	**<0.50**	ug/m3	1.4	0.50	1.75		12/17/18 16:39	156-60-5	
Bromodichloromethane	**<0.64**	ug/m3	2.4	0.64	1.75		12/17/18 16:39	75-27-4	
n-Heptane	**<0.66**	ug/m3	1.5	0.66	1.75		12/17/18 16:39	142-82-5	
Propylene	**<0.25**	ug/m3	0.61	0.25	1.75		12/17/18 16:39	115-07-1	
4-Ethyltoluene	**<1.0**	ug/m3	4.4	1.0	1.75		12/17/18 16:39	622-96-8	
Naphthalene	**5.0**	ug/m3	4.7	2.3	1.75		12/17/18 16:39	91-20-3	
Ethanol	**14.3**	ug/m3	3.4	1.4	1.75		12/17/18 16:39	64-17-5	
2-Propanol	**1.7J**	ug/m3	4.4	1.2	1.75		12/17/18 16:39	67-63-0	
Benzyl chloride	**<2.1**	ug/m3	4.6	2.1	1.75		12/17/18 16:39	100-44-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10458811

Sample: SS-2 **Lab ID: 10458811002** Collected: 12/12/18 11:25 Received: 12/13/18 18:45 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Acetone	**157**	ug/m3	3.9	1.9	1.61		12/17/18 17:41	67-64-1	
Benzene	**0.82**	ug/m3	0.52	0.25	1.61		12/17/18 17:41	71-43-2	
Benzyl chloride	**<1.9**	ug/m3	4.2	1.9	1.61		12/17/18 17:41	100-44-7	
Bromodichloromethane	**<0.59**	ug/m3	2.2	0.59	1.61		12/17/18 17:41	75-27-4	
Bromoform	**<2.3**	ug/m3	8.5	2.3	1.61		12/17/18 17:41	75-25-2	
Bromomethane	**<0.37**	ug/m3	1.3	0.37	1.61		12/17/18 17:41	74-83-9	
1,3-Butadiene	**<0.21**	ug/m3	0.72	0.21	1.61		12/17/18 17:41	106-99-0	
2-Butanone (MEK)	**1.2J**	ug/m3	4.8	0.59	1.61		12/17/18 17:41	78-93-3	
Carbon disulfide	**0.51J**	ug/m3	1.0	0.35	1.61		12/17/18 17:41	75-15-0	
Carbon tetrachloride	**<0.69**	ug/m3	2.1	0.69	1.61		12/17/18 17:41	56-23-5	
Chlorobenzene	**<0.44**	ug/m3	1.5	0.44	1.61		12/17/18 17:41	108-90-7	
Chloroethane	**<0.42**	ug/m3	0.86	0.42	1.61		12/17/18 17:41	75-00-3	
Chloroform	**0.33J**	ug/m3	0.80	0.32	1.61		12/17/18 17:41	67-66-3	
Chloromethane	**0.42J**	ug/m3	0.68	0.25	1.61		12/17/18 17:41	74-87-3	
Cyclohexane	**0.63J**	ug/m3	2.8	0.57	1.61		12/17/18 17:41	110-82-7	
Dibromochloromethane	**<1.2**	ug/m3	2.8	1.2	1.61		12/17/18 17:41	124-48-1	
1,2-Dibromoethane (EDB)	**<0.59**	ug/m3	1.3	0.59	1.61		12/17/18 17:41	106-93-4	
1,2-Dichlorobenzene	**<0.80**	ug/m3	2.0	0.80	1.61		12/17/18 17:41	95-50-1	
1,3-Dichlorobenzene	**<0.94**	ug/m3	2.0	0.94	1.61		12/17/18 17:41	541-73-1	
1,4-Dichlorobenzene	**<1.6**	ug/m3	4.9	1.6	1.61		12/17/18 17:41	106-46-7	
Dichlorodifluoromethane	**2.3**	ug/m3	1.6	0.47	1.61		12/17/18 17:41	75-71-8	
1,1-Dichloroethane	**<0.36**	ug/m3	1.3	0.36	1.61		12/17/18 17:41	75-34-3	
1,2-Dichloroethane	**<0.24**	ug/m3	0.66	0.24	1.61		12/17/18 17:41	107-06-2	
1,1-Dichloroethene	**<0.44**	ug/m3	1.3	0.44	1.61		12/17/18 17:41	75-35-4	
cis-1,2-Dichloroethene	**<0.35**	ug/m3	1.3	0.35	1.61		12/17/18 17:41	156-59-2	
trans-1,2-Dichloroethene	**<0.46**	ug/m3	1.3	0.46	1.61		12/17/18 17:41	156-60-5	
1,2-Dichloropropane	**<0.37**	ug/m3	1.5	0.37	1.61		12/17/18 17:41	78-87-5	
cis-1,3-Dichloropropene	**<0.49**	ug/m3	1.5	0.49	1.61		12/17/18 17:41	10061-01-5	
trans-1,3-Dichloropropene	**<0.71**	ug/m3	1.5	0.71	1.61		12/17/18 17:41	10061-02-6	
Dichlorotetrafluoroethane	**<0.70**	ug/m3	2.3	0.70	1.61		12/17/18 17:41	76-14-2	
Ethanol	**31.2**	ug/m3	3.1	1.3	1.61		12/17/18 17:41	64-17-5	
Ethyl acetate	**<0.31**	ug/m3	1.2	0.31	1.61		12/17/18 17:41	141-78-6	
Ethylbenzene	**8.7**	ug/m3	1.4	0.49	1.61		12/17/18 17:41	100-41-4	
4-Ethyltoluene	**<0.92**	ug/m3	4.0	0.92	1.61		12/17/18 17:41	622-96-8	
n-Heptane	**<0.61**	ug/m3	1.3	0.61	1.61		12/17/18 17:41	142-82-5	
Hexachloro-1,3-butadiene	**<3.2**	ug/m3	8.7	3.2	1.61		12/17/18 17:41	87-68-3	
n-Hexane	**64.4**	ug/m3	1.2	0.50	1.61		12/17/18 17:41	110-54-3	
2-Hexanone	**<1.2**	ug/m3	6.7	1.2	1.61		12/17/18 17:41	591-78-6	
Methylene Chloride	**811**	ug/m3	5.7	1.5	1.61		12/17/18 17:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.83**	ug/m3	6.7	0.83	1.61		12/17/18 17:41	108-10-1	
Methyl-tert-butyl ether	**<1.1**	ug/m3	5.9	1.1	1.61		12/17/18 17:41	1634-04-4	
Naphthalene	**3.2J**	ug/m3	4.3	2.1	1.61		12/17/18 17:41	91-20-3	
2-Propanol	**63.8**	ug/m3	4.0	1.1	1.61		12/17/18 17:41	67-63-0	
Propylene	**<0.23**	ug/m3	0.56	0.23	1.61		12/17/18 17:41	115-07-1	
Styrene	**<0.55**	ug/m3	1.4	0.55	1.61		12/17/18 17:41	100-42-5	
1,1,2,2-Tetrachloroethane	**<0.47**	ug/m3	1.1	0.47	1.61		12/17/18 17:41	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
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ANALYTICAL RESULTS

Project: 06080801 Laundry Basket
Pace Project No.: 10458811

Sample: SS-2 **Lab ID: 10458811002** Collected: 12/12/18 11:25 Received: 12/13/18 18:45 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Tetrachloroethene	**67.4**	ug/m3	1.1	0.51	1.61		12/17/18 17:41	127-18-4	
Tetrahydrofuran	**<0.42**	ug/m3	0.97	0.42	1.61		12/17/18 17:41	109-99-9	
Toluene	**6.1**	ug/m3	1.2	0.57	1.61		12/17/18 17:41	108-88-3	
1,2,4-Trichlorobenzene	**<6.0**	ug/m3	12.1	6.0	1.61		12/17/18 17:41	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/m3	1.8	0.50	1.61		12/17/18 17:41	71-55-6	
1,1,2-Trichloroethane	**<0.40**	ug/m3	0.89	0.40	1.61		12/17/18 17:41	79-00-5	
Trichloroethene	**0.69J**	ug/m3	0.88	0.41	1.61		12/17/18 17:41	79-01-6	
Trichlorofluoromethane	**1.5J**	ug/m3	1.8	0.59	1.61		12/17/18 17:41	75-69-4	
1,1,2-Trichlorotrifluoroethane	**<0.91**	ug/m3	2.5	0.91	1.61		12/17/18 17:41	76-13-1	
1,2,4-Trimethylbenzene	**1.7**	ug/m3	1.6	0.73	1.61		12/17/18 17:41	95-63-6	
1,3,5-Trimethylbenzene	**<0.64**	ug/m3	1.6	0.64	1.61		12/17/18 17:41	108-67-8	
Vinyl acetate	**<0.43**	ug/m3	1.2	0.43	1.61		12/17/18 17:41	108-05-4	
Vinyl chloride	**<0.20**	ug/m3	0.42	0.20	1.61		12/17/18 17:41	75-01-4	
m&p-Xylene	**59.2**	ug/m3	2.8	1.1	1.61		12/17/18 17:41	179601-23-1	
o-Xylene	**4.2**	ug/m3	1.4	0.55	1.61		12/17/18 17:41	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 06080801 Laundry Basket
Pace Project No.: 10458811

QC Batch: 581392 Analysis Method: TO-15
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level
Associated Lab Samples: 10458811001, 10458811002

METHOD BLANK: 3152215 Matrix: Air
Associated Lab Samples: 10458811001, 10458811002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.31	1.1	12/17/18 16:08	
1,1,2,2-Tetrachloroethane	ug/m3	<0.29	0.70	12/17/18 16:08	
1,1,2-Trichloroethane	ug/m3	<0.25	0.56	12/17/18 16:08	
1,1,2-Trichlorotrifluoroethane	ug/m3	<0.56	1.6	12/17/18 16:08	
1,1-Dichloroethane	ug/m3	<0.22	0.82	12/17/18 16:08	
1,1-Dichloroethene	ug/m3	<0.27	0.81	12/17/18 16:08	
1,2,4-Trichlorobenzene	ug/m3	<3.7	7.5	12/17/18 16:08	
1,2,4-Trimethylbenzene	ug/m3	<0.45	1.0	12/17/18 16:08	
1,2-Dibromoethane (EDB)	ug/m3	<0.37	0.78	12/17/18 16:08	
1,2-Dichlorobenzene	ug/m3	<0.50	1.2	12/17/18 16:08	
1,2-Dichloroethane	ug/m3	<0.15	0.41	12/17/18 16:08	
1,2-Dichloropropane	ug/m3	<0.23	0.94	12/17/18 16:08	
1,3,5-Trimethylbenzene	ug/m3	<0.40	1.0	12/17/18 16:08	
1,3-Butadiene	ug/m3	<0.13	0.45	12/17/18 16:08	
1,3-Dichlorobenzene	ug/m3	<0.58	1.2	12/17/18 16:08	
1,4-Dichlorobenzene	ug/m3	<1.0	3.1	12/17/18 16:08	
2-Butanone (MEK)	ug/m3	<0.37	3.0	12/17/18 16:08	
2-Hexanone	ug/m3	<0.74	4.2	12/17/18 16:08	
2-Propanol	ug/m3	<0.70	2.5	12/17/18 16:08	
4-Ethyltoluene	ug/m3	<0.57	2.5	12/17/18 16:08	
4-Methyl-2-pentanone (MIBK)	ug/m3	<0.52	4.2	12/17/18 16:08	
Acetone	ug/m3	<1.2	2.4	12/17/18 16:08	
Benzene	ug/m3	<0.15	0.32	12/17/18 16:08	
Benzyl chloride	ug/m3	<1.2	2.6	12/17/18 16:08	
Bromodichloromethane	ug/m3	<0.37	1.4	12/17/18 16:08	
Bromoform	ug/m3	<1.4	5.2	12/17/18 16:08	
Bromomethane	ug/m3	<0.23	0.79	12/17/18 16:08	
Carbon disulfide	ug/m3	<0.22	0.63	12/17/18 16:08	
Carbon tetrachloride	ug/m3	<0.43	1.3	12/17/18 16:08	
Chlorobenzene	ug/m3	<0.28	0.94	12/17/18 16:08	
Chloroethane	ug/m3	<0.26	0.54	12/17/18 16:08	
Chloroform	ug/m3	<0.20	0.50	12/17/18 16:08	
Chloromethane	ug/m3	<0.16	0.42	12/17/18 16:08	
cis-1,2-Dichloroethene	ug/m3	<0.22	0.81	12/17/18 16:08	
cis-1,3-Dichloropropene	ug/m3	<0.30	0.92	12/17/18 16:08	
Cyclohexane	ug/m3	<0.35	1.8	12/17/18 16:08	
Dibromochloromethane	ug/m3	<0.72	1.7	12/17/18 16:08	
Dichlorodifluoromethane	ug/m3	<0.29	1.0	12/17/18 16:08	
Dichlorotetrafluoroethane	ug/m3	<0.44	1.4	12/17/18 16:08	
Ethanol	ug/m3	<0.81	1.9	12/17/18 16:08	
Ethyl acetate	ug/m3	<0.19	0.73	12/17/18 16:08	

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

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: 06080801 Laundry Basket
Pace Project No.: 10458811

METHOD BLANK: 3152215 Matrix: Air
Associated Lab Samples: 10458811001, 10458811002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/m3	<0.30	0.88	12/17/18 16:08	
Hexachloro-1,3-butadiene	ug/m3	<2.0	5.4	12/17/18 16:08	
m&p-Xylene	ug/m3	<0.70	1.8	12/17/18 16:08	
Methyl-tert-butyl ether	ug/m3	<0.66	3.7	12/17/18 16:08	
Methylene Chloride	ug/m3	<0.94	3.5	12/17/18 16:08	
n-Heptane	ug/m3	<0.38	0.83	12/17/18 16:08	
n-Hexane	ug/m3	<0.31	0.72	12/17/18 16:08	
Naphthalene	ug/m3	<1.3	2.7	12/17/18 16:08	
o-Xylene	ug/m3	<0.34	0.88	12/17/18 16:08	
Propylene	ug/m3	<0.14	0.35	12/17/18 16:08	
Styrene	ug/m3	<0.34	0.87	12/17/18 16:08	
Tetrachloroethene	ug/m3	<0.31	0.69	12/17/18 16:08	
Tetrahydrofuran	ug/m3	<0.26	0.60	12/17/18 16:08	
Toluene	ug/m3	<0.35	0.77	12/17/18 16:08	
trans-1,2-Dichloroethene	ug/m3	<0.28	0.81	12/17/18 16:08	
trans-1,3-Dichloropropene	ug/m3	<0.44	0.92	12/17/18 16:08	
Trichloroethene	ug/m3	<0.26	0.55	12/17/18 16:08	
Trichlorofluoromethane	ug/m3	<0.37	1.1	12/17/18 16:08	
Vinyl acetate	ug/m3	<0.27	0.72	12/17/18 16:08	
Vinyl chloride	ug/m3	<0.13	0.26	12/17/18 16:08	

LABORATORY CONTROL SAMPLE: 3152216

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	56.6	48.5	86	70-135	
1,1,2,2-Tetrachloroethane	ug/m3	69.8	58.2	83	70-146	
1,1,2-Trichloroethane	ug/m3	58.2	51.2	88	70-135	
1,1,2-Trichlorotrifluoroethane	ug/m3	84.9	73.1	86	63-139	
1,1-Dichloroethane	ug/m3	42.4	34.1	80	70-134	
1,1-Dichloroethene	ug/m3	43.5	38.3	88	70-137	
1,2,4-Trichlorobenzene	ug/m3	74.7	63.6	85	60-133	
1,2,4-Trimethylbenzene	ug/m3	53	43.5	82	70-137	
1,2-Dibromoethane (EDB)	ug/m3	83.6	70.5	84	70-140	
1,2-Dichlorobenzene	ug/m3	59.9	53.1	89	70-137	
1,2-Dichloroethane	ug/m3	42.8	37.1	87	70-136	
1,2-Dichloropropane	ug/m3	48.4	43.1	89	70-136	
1,3,5-Trimethylbenzene	ug/m3	53.5	42.7	80	70-133	
1,3-Butadiene	ug/m3	22.5	19.7	88	64-141	
1,3-Dichlorobenzene	ug/m3	65.4	53.6	82	70-137	
1,4-Dichlorobenzene	ug/m3	65.4	54.2	83	70-134	
2-Butanone (MEK)	ug/m3	32.4	25.5	79	65-143	
2-Hexanone	ug/m3	42.9	40.3	94	60-148	
2-Propanol	ug/m3	26.5	29.1	110	65-135	
4-Ethyltoluene	ug/m3	52	43.7	84	70-132	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 06080801 Laundry Basket
Pace Project No.: 10458811

LABORATORY CONTROL SAMPLE: 3152216

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Methyl-2-pentanone (MIBK)	ug/m3	42	38.2	91	70-135	
Acetone	ug/m3	26.6	24.4	92	59-132	
Benzene	ug/m3	34.4	28.5	83	70-134	
Benzyl chloride	ug/m3	56.3	43.8	78	56-150	
Bromodichloromethane	ug/m3	69.5	61.9	89	70-142	
Bromoform	ug/m3	97.7	71.5	73	69-150	
Bromomethane	ug/m3	32.9	36.6	111	61-141	
Carbon disulfide	ug/m3	32.9	31.7	96	66-134	
Carbon tetrachloride	ug/m3	65.9	56.1	85	60-145	
Chlorobenzene	ug/m3	49.6	40.7	82	70-130	
Chloroethane	ug/m3	26.8	27.9	104	65-143	
Chloroform	ug/m3	52.6	41.6	79	70-132	
Chloromethane	ug/m3	22.2	18.9	85	58-140	
cis-1,2-Dichloroethene	ug/m3	41.9	32.7	78	70-136	
cis-1,3-Dichloropropene	ug/m3	48	43.7	91	70-136	
Cyclohexane	ug/m3	35.3	29.9	85	70-133	
Dibromochloromethane	ug/m3	90	70.2	78	68-149	
Dichlorodifluoromethane	ug/m3	52.8	49.0	93	69-130	
Dichlorotetrafluoroethane	ug/m3	74.6	65.7	88	68-130	
Ethanol	ug/m3	21.1	21.8	103	65-146	
Ethyl acetate	ug/m3	38.8	29.9	77	68-136	
Ethylbenzene	ug/m3	45.5	39.2	86	70-133	
Hexachloro-1,3-butadiene	ug/m3	108	89.1	82	59-140	
m&p-Xylene	ug/m3	45.9	43.6	95	70-133	
Methyl-tert-butyl ether	ug/m3	37.4	30.8	83	70-132	
Methylene Chloride	ug/m3	38.1	36.1	95	67-132	
n-Heptane	ug/m3	43.7	35.8	82	64-136	
n-Hexane	ug/m3	37.6	29.1	77	70-130	
Naphthalene	ug/m3	52.7	44.9	85	55-136	
o-Xylene	ug/m3	44.1	36.7	83	70-132	
Propylene	ug/m3	19.2	14.5	76	37-150	
Styrene	ug/m3	44.2	40.2	91	70-139	
Tetrachloroethene	ug/m3	70.3	58.7	83	70-133	
Tetrahydrofuran	ug/m3	30.3	26.0	86	62-141	
Toluene	ug/m3	39.4	34.4	87	70-130	
trans-1,2-Dichloroethene	ug/m3	41.5	38.7	93	70-132	
trans-1,3-Dichloropropene	ug/m3	44.8	43.2	97	70-135	
Trichloroethene	ug/m3	56.3	51.1	91	70-135	
Trichlorofluoromethane	ug/m3	58.8	55.4	94	59-140	
Vinyl acetate	ug/m3	35.1	24.6	70	57-150	
Vinyl chloride	ug/m3	28.1	24.4	87	70-141	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 06080801 Laundry Basket
Pace Project No.: 10458811

SAMPLE DUPLICATE: 3152630

Parameter	Units	10458811001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.54	<0.54		25	
1,1,2,2-Tetrachloroethane	ug/m3	<0.51	<0.51		25	
1,1,2-Trichloroethane	ug/m3	<0.44	<0.44		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	<0.99	<0.99		25	
1,1-Dichloroethane	ug/m3	<0.39	<0.39		25	
1,1-Dichloroethene	ug/m3	<0.48	<0.48		25	
1,2,4-Trichlorobenzene	ug/m3	<6.5	<6.5		25	
1,2,4-Trimethylbenzene	ug/m3	1.7J	1.4J		25	
1,2-Dibromoethane (EDB)	ug/m3	<0.64	<0.64		25	
1,2-Dichlorobenzene	ug/m3	<0.87	<0.87		25	
1,2-Dichloroethane	ug/m3	<0.26	<0.26		25	
1,2-Dichloropropane	ug/m3	<0.40	<0.40		25	
1,3,5-Trimethylbenzene	ug/m3	<0.70	<0.70		25	
1,3-Butadiene	ug/m3	<0.22	<0.22		25	
1,3-Dichlorobenzene	ug/m3	<1.0	<1.0		25	
1,4-Dichlorobenzene	ug/m3	<1.8	<1.8		25	
2-Butanone (MEK)	ug/m3	<0.65	<0.65		25	
2-Hexanone	ug/m3	<1.3	<1.3		25	
2-Propanol	ug/m3	1.7J	1.5J		25	
4-Ethyltoluene	ug/m3	<1.0	<1.0		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	<0.91	<0.91		25	
Acetone	ug/m3	14.0	11.8	17	25	
Benzene	ug/m3	<0.27	<0.27		25	
Benzyl chloride	ug/m3	<2.1	<2.1		25	
Bromodichloromethane	ug/m3	<0.64	<0.64		25	
Bromoform	ug/m3	<2.5	<2.5		25	
Bromomethane	ug/m3	<0.40	<0.40		25	
Carbon disulfide	ug/m3	<0.38	<0.38		25	
Carbon tetrachloride	ug/m3	<0.75	<0.75		25	
Chlorobenzene	ug/m3	<0.48	<0.48		25	
Chloroethane	ug/m3	<0.46	<0.46		25	
Chloroform	ug/m3	<0.34	<0.34		25	
Chloromethane	ug/m3	<0.27	<0.27		25	
cis-1,2-Dichloroethene	ug/m3	<0.38	<0.38		25	
cis-1,3-Dichloropropene	ug/m3	<0.53	<0.53		25	
Cyclohexane	ug/m3	<0.62	<0.62		25	
Dibromochloromethane	ug/m3	<1.3	<1.3		25	
Dichlorodifluoromethane	ug/m3	2.0	1.6J		25	
Dichlorotetrafluoroethane	ug/m3	<0.76	<0.76		25	
Ethanol	ug/m3	14.3	11.5	22	25	
Ethyl acetate	ug/m3	<0.33	<0.33		25	
Ethylbenzene	ug/m3	<0.53	<0.53		25	
Hexachloro-1,3-butadiene	ug/m3	<3.4	<3.4		25	
m&p-Xylene	ug/m3	2.1J	2.3J		25	
Methyl-tert-butyl ether	ug/m3	<1.2	<1.2		25	
Methylene Chloride	ug/m3	6.8	5.9J		25	
n-Heptane	ug/m3	<0.66	<0.66		25	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 06080801 Laundry Basket
Pace Project No.: 10458811

SAMPLE DUPLICATE: 3152630

Parameter	Units	10458811001 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	0.62J	0.70J		25	
Naphthalene	ug/m3	5.0	4.2J		25	
o-Xylene	ug/m3	0.62J	0.62J		25	
Propylene	ug/m3	<0.25	<0.25		25	
Styrene	ug/m3	<0.60	<0.60		25	
Tetrachloroethene	ug/m3	2.8	2.6	7	25	
Tetrahydrofuran	ug/m3	<0.46	<0.46		25	
Toluene	ug/m3	0.88J	0.89J		25	
trans-1,2-Dichloroethene	ug/m3	<0.50	<0.50		25	
trans-1,3-Dichloropropene	ug/m3	<0.77	<0.77		25	
Trichloroethene	ug/m3	<0.45	<0.45		25	
Trichlorofluoromethane	ug/m3	1.1J	0.91J		25	
Vinyl acetate	ug/m3	<0.47	<0.47		25	
Vinyl chloride	ug/m3	<0.22	<0.22		25	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALIFIERS

Project: 06080801 Laundry Basket
Pace Project No.: 10458811

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, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

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.

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 06080801 Laundry Basket
Pace Project No.: 10458811

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10458811001	**SS-1**	TO-15	581392		
10458811002	**SS-2**	TO-15	581392		

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AIR: The Chain-of-C

WO# : 10458811

10458811

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Page: of

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: MSA Professional Services	Report To: Erica Klingfs	Attention:
Address: 332 W. Superior St, Steven	Copy To:	Company Name:
		Address:
Email To:	Purchase Order No.:	Pace Quote Reference:
Phone: Fax:	Project Name: Laundry Basket	Pace Project Manager/Sales Rep. Shawn
Requested Due Date/TAT:	Project Number: 060808801	Pace Profile #: 23096

Program
☐ UST ☐ Superfund ☐ Emissions ☐ Clean Air Act
☐ Voluntary Clean Up ☐ Dry Clean ☐ RCRA ☐ Other

Location of Sampling by State: WI

Reporting Units
ug/m³ mg/m³
PPBV PPMV
Other

Report Level II. III. IV. Other

Valid Media Codes

MEDIA	CODE
Tedlar Bag	TB
1 Liter Summa Can	1LC
6 Liter Summa Can	6LC
Low Volume Puff	LVP
High Volume Puff	HVP
Other	PM10

ITEM #	'Section D Required Client Information AIR SAMPLE ID (Sample IDs MUST BE UNIQUE)	MEDIA CODE	PID Reading (Client only)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE - END/GRAB DATE	COMPOSITE - END/GRAB TIME	Canister Pressure (Initial Field - in Hg)	Canister Pressure (Final Field - in Hg)	Summa Can Number	Flow Control Number	Method: PM10	3C - Fixed Gas (%)	TO-3 BTEX	TO-3M (Methane)	TO-14	TO-15 Full List VOCs	TO-15 Short List BTEX	TO-15 Short List Chlorinated	TO-15 Short List (other)	Pace Lab ID
1	SS-1			12-12-18	1003	12-12-18	1033	30	8	3385						X					001
2	SS-2			↓	1044	↓	1125	30	5	1722						X					002
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

Comments :

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	12-13-18	1324		12-13-18	1324
	12/13/18	1845		12/13/18	1845

SAMPLE CONDITIONS

Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
N/A	Y/N	Y/N	Y/N
AMB	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Erica Klingfs
SIGNATURE of SAMPLER:
DATE Signed (MM / DD / YY): 12-12-18

ORIGINAL

1700 Elm Street SE, Suite 200, Minneapolis, MN 55414 Air Technical Phone: 612.607.6386

Pace Analytical	Document Name: Air Sample Condition Upon Receipt	Document Revised: 11Oct2018 Page 1 of 1
	Document No.: F-MN-A-106-rev.16	Issuing Authority: Pace Minnesota Quality Office

Air Sample Condition Upon Receipt

Client Name: MSA Professional

Project #: **WO#: 10458811**

PM: SRD **Due Date: 12/28/18**

CLIENT: MSA PROF

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): AVB Thermom. Used: ☐G87A9170600254 ☐G87A9155100842

Temp should be above freezing to 6°C Correction Factor: True Date & Initials of Person Examining Contents: 12/14/18

Type of ice Received ☐Blue ☐Wet ☒None

			Comments:
Chain of Custody Present?	☒Yes	☐No	1.
Chain of Custody Filled Out?	☒Yes	☐No	2.
Chain of Custody Relinquished?	☒Yes	☐No	3.
Sampler Name and/or Signature on COC?	☑Yes	☐No ☐N/A	4.
Samples Arrived within Hold Time?	☒Yes	☐No	5.
Short Hold Time Analysis (<72 hr)?	☐Yes	☒No	6.
Rush Turn Around Time Requested?	☐Yes	☒No	7.
Sufficient Volume?	☒Yes	☐No	8.
Correct Containers Used?	☒Yes	☐No	9.
-Pace Containers Used?	☒Yes	☐No	
Containers Intact?	☒Yes	☐No	10.
Media: (Air Can) Airbag Filter TDT Passive			11. Individually Certified Cans Y (N) (list which samples)
Is sufficient information available to reconcile samples to the COC?	☒Yes	☐No	12.

Samples Received: 2 AirCan 2 Flow Controller Pressure Gauge # 10AIR35

Canisters					Canisters				
Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
SS-1	3385	1027	-7	+5					
SS-2	1722	0948	-5	+5					

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

Person Contacted: _____ Date/Time: _____

Comments/Resolution: _____

Project Manager Review: _____ Date: 12/14/18

Note: Whenever there is a discrepancy affecting North Carolina compliance samples a copy of this form will be sent to the North Carolina DENR 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	--		--		**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
MW-1																											
13-Apr-06	Q	PECFA	13000		**260**	*500*	**2000**	<3.2	**1060**	*2400*	<2.4	10		**8.3**	<4.4	**91**	<0.32	49	14	<27		**220**	91	<2.7	**250**	**23**	<3.1
17-Aug-06	Q	PECFA	3700		**41**	100	150	<1.6	*188*	280	21	<1.4		<1.7	<2.2	**74**	<1.6	12	8.8	26		*49*	22	<1.3	**570**	**30**	<1.5
13-Dec-06	*	PECFA	NA		**20**	22	<50	<10	13	20	<10	<10		*<10*	<10	**220**	<10	<10	<10	NA		*<50*	<10	<10	**1400**	**100**	<10
2-May-07	Q	PECFA	NA		**44**	89	140	<3.2	*108*	200	<2.4	<2.8		<3.4	<4.4	**120**	<3.3	8.3	<2.9	<27		*46*	12	<2.7	**1400**	**52**	<3.1
28-Jan-08		PECFA	1500		**36**	42	38	*16*	46	61												*26*					
23-Apr-08		PECFA	2000		**52**	39	61	*27*	55	107												*32*					
14-May-08	Q	DERF	NA		**54**	57	130	<1.9	80	160	<2.3	<2.2		<2.7	<5.0	**260**	<3.0	5.4	4.1	<45	<3.0	*25*	6	<3.8	**3500**	<3.7	<2.7
27-Aug-08	Q	DERF	NA		**49**	64	100	<0.19	63	110	1.8	1.1		<0.27	<0.50	**360**	1.7	7.4	3.4	<4.5	<0.30	*35*	7.6	1.2	**4800**	**130**	<0.27
24-Nov-08	Q	DERF	NA		**40**	42	86	<19	43	100	<23	<22		<27	<0.50	**250**	<30	<19	<21	<450	**44**	*36*	<22	<38	**2900**	**140**	<27
14-Jul-09		DERF	NA		**110**	*200*	*230*	<19	*211*	380	<23	<22	<20	<27	<50	**390**	<30	19	<21	<450	<30	**220**	26	<38	**4100**	**140**	<27
02-Jun-11	J	DERF	NA	NA	**29**	33	57	<20	23	73	<8.0	<10	<8.0	<20	<20	**150**	<20	<8.0	<8.0		<40	*15*	<20	<20	**1700**	**28**	<8.0
18-Nov-11	J B	DERF	NA	NA	**59**	35	86	<10	28	85	<4.0	<5.0	<4.0	<10	<10	**520**	<10	12	<4.0		<20	*22*	<10	<10	**8400**	**340**	<4.0
13-Feb-12	J	DERF	NA	NA	**200**	*150*	*470*	<10	79	260	4.5	<5.0	<4.0	<10	<10	**400**	<10	25	<4.0		<20	*89*	22	<10	**4000**	**180**	<4.0
15-May-12		DERF	NA	NA	**151**	75.2	177	<20.0	45.6	154	<20.0	<20.0	<20.0	<20.0	<20.0	**259**	<20.0	<20.0	<20.0	<80.0	<80.0	<80.0	<20.0	<20.0	**1800**	**129**	<8.0
29-Aug-12		DERF	NA	NA	**120**	*176*	180	<20.0	169.8	334	<20.0	<20.0	<20.0	<20.0	<20.0	**380**	<20.0	21.3	<20.0	<80.0	<80.0	*98.4*	24.0	<20.0	**2660**	**108**	<8.0
07-Jan-13		DERF	NA	NA	**60**	94.5	83.2	<20.0	75.6	196	<20.0	<20.0	<20.0	<20.0	<20.0	**394**	<20.0	<20.0	<20.0	<80.0	<80.0	<80.0	<20.0	<20.0	**2200**	**122**	<8.0
31-Jul-13		DERF	NA	NA	**120**	120	*253*	<20.0	*167.8*	475	<20.0	<20.0	<20.0	<20.0	<20.0	**777**	<20.0	<20.0	<20.0	<100	<80.0	<80.0	<20.0	<20.0	**4810**	**305**	<8.0
27-Oct-13		DERF	NA	NA	**136**	62.7	113	<20.0	92.5	175	<20.0	<20.0	<20.0	<20.0	<20.0	**759**	<20.0	<20.0	<20.0	<100	<80.0	<80.0	<20.0	<20.0	**2210**	**216**	<8.0
26-Feb-14		DERF	NA	NA	**146**	*148*	*576*	<5.0	*475*	*1360*	<5.0	<5.0	<5.0	<5.0	<5.0	**358**	<5.0	14.8	7.2	<25.0	<20.0	*26.8*	17.9	<5.0	**422**	**39.0**	<2.0
27-May-14	***	DERF	NA	NA	**110**	68.3	*226*	<5.0	*158*	456	<2.0	2.2	<2.0	<2.0	<2.0	**171**	<2.0	7.6	3.3	<10.0	<8.0	*36.1*	7.1	<2.0	**141**	**10.0**	<2.0
11-Aug-14		DERF	NA	NA	**151**	72.4	155	<2.0	*121*	287	4.3	2.4	<2.0	<2.0	<2.0	**256**	<2.0	<2.0	<2.0	<10.0	<8.0	*54.9*	10.1	<2.0	**168**	**15.5**	<2.0
16-Jul-15		DERF	NA	NA	**125**	117	145	<0.20	*192*	433	3.1	2.5	<0.18	<0.17	*1.9*	**540**	1.0	10.6	4.9	<2.5	<0.56	*45.8*	15.6	1.7	**282**	**69.0**	<0.15
22-Oct-15	J	DERF	NA	NA	**62.1**	52.6	32.9	<0.87	*129*	199	3.8	<10.9	<0.90	<0.84	<2.1	**247**	<1.3	4.6	<2.5	<14.9	<1.2	*30.1*	6.4	<2.5	**134**	**21.5**	<0.88
28-Jun-16		DERF	NA	NA	**173**	89.7	47.5	<0.047	*151.4*	219	3.1	2.5	<0.051	<0.072	<0.055	**459**	2.0	13.4	4.1	<1.1	<0.097	*51*	13.6	1.8	**289**	**78.4**	<0.084
13-Sep-16	J	DERF	NA	NA	**56.8**	57.3	28	<0.15	58.1	106	1.6	1.4	<0.22	<0.17	*1.4*	**461**	3.0	6.5	1.7	<1.1	<0.29	*16.70*	8.7	1.2	**831**	**174**	0.24
13-Dec-16	J	DERF	NA	NA	**71**	77	57.7	<0.74	*102.7*	214	1.8	1.4	<1.1	<0.85	<1.4	**349**	1.4	7.6	2.6	<5.5	*3.3*	*33.1*	9.8	1.8	**1940**	**201**	<0.34
15-Mar-17	J	DERF	NA	NA	**85.6**	62.7	49.5	<0.74	*97.2*	186	2.2	2	1.1	<0.85	<1.4	**340**	<0.81	10.1	2.9	<5.5	<1.5	*36.1*	8.9	1.9	**727**	**101**	<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	--		--		**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
MW-2																											
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	**39**	*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	**32**	*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	**51**	**6.4**	<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	**51**	**6.6**	<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		**7.2**	<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	**8.9**	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	**11**	<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	**8.3**	*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	**21.2**	*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	**16.7**	*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	**1.8**	<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	**7.7**	*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	**6.7**	*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	<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	**6.6**	*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	**6.2**	*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

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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
MW-3																											
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	--		--		**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
MW-4																											
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	**40**	*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	**9.9**	<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	**23**	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	**64**	*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	**19**	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	**10**	<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	**39**	*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	**32**	*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	**43**	*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	**5.3**	<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	*4.3*	<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	***16.5***	<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	***15.4***	<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	*1.8*	<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	**7.1**	<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	**7.8**	<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	*4.4*	<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*	<0.40	<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	*3.6*	<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	*1.3*	<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	*1.7*	<0.051	<0.084
Dups																											
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	**35**	*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	--		--		**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
MW-5																											
13-Apr-06	Q	PECFA	8700		**15**	*140*	*200*	<6.3	*299*	630	10	9.2		<6.8	**<8.8**	**71**	<6.5	29	14	<54		**120**	33	<5.4	**440**	**25**	<6.1
17-Aug-06	Q	PECFA	3000		**8.6**	28	37	<3.2	*163*	290	18	7.8		<3.4	<4.4	**85**	<3.3	19	20	56		**100**	15	<2.7	**1500**	**34**	<3.1
13-Dec-06	*	PECFA	NA		**<20**	<20	<100	<20	<40	<60	<20	<20		<20	**<20**	*26*	*<20*	<20	<20	NA		**<100**	<20	<20	**500**	**<20**	<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	**74**	<1.6	3.4	<1.4	<13		*15*	2.6	<1.3	**560**	**24**	<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		**39**	**350**	160	*24*	**1210**	*1030*												**210**					
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	**290**	**19**	<2.7
27-Aug-08	Q	DERF	NA	6800	**21**	49	120	<3.9	*363*	430	19	10		5.5	<9.9	**73**	<6.0	20	41	<91	<5.9	*74*	24	<7.6	**310**	<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	**8.9**	4.7	<1.1	<1.9	**410**	<1.8	<1.4
14-Jul-09		DERF	NA		**18**	17	77	<0.96	*121*	250	4.0	3.6	<0.98	<1.4	<2.5	**93**	<1.5	13	15	<23	<1.5	*49*	8.4	<1.9	**470**	**27**	<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	**370**	**25**	<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	**100**	14	<2.5	**400**	**26**	<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	**100**	<2.0	5.6	4.3		<4.0	*29*	2.5	<2.0	**470**	**33**	<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	**50.9**	<2.0	4.0	2.2	<8.0	<8.0	*18.5*	<2.0	<2.0	**269**	**20.0**	<0.80
29-Aug-12		DERF	NA	NA	**10.5**	46.4	93.1	<2.0	499	790	8.7	10.4	<2.0	<2.0	<2.0	**117**	<2.0	18.6	27.0	<8.0	<8.0	*73.3*	16.8	2.2	**255**	**25.7**	<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	**128**	<1.0	1.8	7.2	<4.0	<4.0	6.8	1.4	<1.0	**235**	**17.2**	<0.40
31-Jul-13		DERF	NA	NA	**5.5**	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	**100**	**10.0**	<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	**113**	**12.4**	<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	**116**	**10.5**	<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	**87.1**	**14.7**	<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	**71.6**	<1.0	3.4	11.9	<5.0	<4.0	*16.8*	<1.0	<1.0	**86.6**	**17.1**	<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	**95.4**	0.25	1.8	1.7	<2.5	<0.56	9.0	1.5	0.17	**72.4**	**15.0**	<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	**112**	0.39	1.5	1	<3.0	<0.23	7.3	1.3	<0.50	**64.6**	**10.5**	<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	**260**	<0.15	4.7	20.2	17.7	<0.097	24.2	3.9	<0.056	**89.2**	**21.3**	<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	**59**	**7.4**	<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	**56**	**7.8**	<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	**92.1**	**10.5**	<0.069

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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
MW-6																											
28-Jan-08	Q	PECFA	NA		**5.6**	<0.22	<0.27	<0.19	<0.62	1.6	0.67	1.2		<0.27	<0.5	**350**	<0.3	4.9	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	**1200**	**160**	<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	**600**	<3.0	<1.9	<2.1	<45	**5.9**	<0.17	<2.2	<3.8	**1300**	**200**	<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	**520**	0.62	2.9	0.38	<4.5	<0.30	0.37	<0.22	<0.38	**1400**	**280**	<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	**520**	<6.0	<3.8	<4.3	<91	**40**	4	<4.4	<7.6	**1200**	**250**	<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	**290**	<1.5	<0.94	<1.1	<23	<1.5	<0.84	<1.1	<1.9	**660**	**110**	<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	**130**	<1.5	<0.94	<1.1	<23	<1.5	*12*	<1.1	<1.9	**230**	**50**	<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	**190**	<5.0	<2.0	<2.0		<10	<2.5	<5.0	<5.0	**830**	**98**	<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	**310**	<5.0	<2.0	<2.0		<10	<2.5	<5.0	<5.0	**1100**	**210**	<2.0
13-Feb-12		DERF	NA	NA	<4.0	<10	<10	<10	<4.0	<10	<4.0	<5.0	<4.0	<10	<10	**420**	<10	<4.0	<4.0		<20	<5.0	<10	<10	**2000**	**220**	<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	**307**	<1.0	<1.0	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0	**1530**	**249**	<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	**141**	<2.0	<2.0	<2.0	<8.0	<8.0	<2.0	<2.0	<2.0	**628**	**105**	<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	**155**	<5.0	<5.0	<5.0	<20.0	<20.0	<5.0	<5.0	<5.0	**424**	**154**	<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	**141**	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	**211**	**90.4**	<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	**137**	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	**196**	**83.7**	<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	**186**	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	**174**	**69.4**	<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	**188**	<2.0	<2.0	<2.0	<10.0	<8.0	<8.0	<2.0	<2.0	**489**	**90.5**	<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	**156**	<2.0	<2.0	<2.0	<10.0	<8.0	<8.0	<2.0	<2.0	**309**	**98.6**	<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	**120**	0.41	0.36	<0.16	<2.5	<0.56	1.6	<0.21	<0.11	**193**	**89.1**	<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	**129**	0.53	0.68	<0.50	<3.0	<0.23	<2.5	<0.50	<0.50	**138**	**69.7**	<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	**156**	<0.15	1.1	<0.064	<1.1	<0.097	<0.064	<0.049	<0.056	**124**	**51.7**	<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	**118**	0.40	1.0	<0.19	<1.1	<0.29	1.0	<0.23	<0.29	**121**	**39.4**	<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	**106**	0.35	0.84	<0.19	<1.1	<0.29	<0.20	<0.23	<0.29	**161**	**88**	<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	**54**	**17**	<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
MW-7																											
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
MW-8																											
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
MW-9																											
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
MW-10																											
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	**6.9**	*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	**85.9**	**20.6**	<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	**39.1**	**8.8**	<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	**20**	**6.0**	<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	**39.3**	**11.40**	<0.069
27-Sep-18	J	DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.17	<0.15	<0.12	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	<0.17	<0.15	<0.092
11-Dec-18	J	DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.17	<0.15	<0.24	<0.18	<0.15	<0.98	<0.99	<0.48	<0.10	<0.19	*0.62*	<0.15	<0.092

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
MW-11																											
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
MW-12																											
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
MW-13																											
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
18-Apr-17																<0.50	<0.50								*0.53*	<0.40	
21-Jun-17																<0.50	<0.50								<0.50	<0.40	
26-Sep-18		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.12	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	<0.17	<0.15	<0.092
11-Dec-18		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	<0.17	<0.15	<0.092
MW-13D (St. Croix Hardwoods)																											
18-Apr-17							13.5									4.2	<0.50								**17.2**	**5.6**	
21-Jun-17							0.88									6.4	<0.50								**24.6**	**7.2**	
27-Sep-18			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	2.3	<0.12	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	**12.4**	*2.8*	<0.092
11-Dec-18		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	*7.8*	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	**24.6**	**7.0**	<0.092

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
MW-14																											
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																								
26-Sep-18	J	DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.12	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	*0.54*	<0.15	<0.092
11-Dec-18		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	*2.0*	<0.15	<0.092
MW-15S (St. Croix Hardwoods)																											
18-Apr-17																<0.50	<0.50								*2.7*	0.42	
21-Jun-17																<0.50	<0.50								*2.1*	<0.40	
21-Jun-17																<0.50	<0.50								*2.1*	<0.40	
27-Sep-18			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.12	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	*1.4*	<0.15	<0.092
11-Dec-18			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	*1.5*	<0.15	<0.092
MW-15D (St. Croix Hardwoods)																											
18-Apr-17																4.7	<0.50								**47.1**	**10.3**	
21-Jun-17																5.9	<0.50								**53.9**	**11.7**	
27-Sep-18	J		NA	NA	*0.51*	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	0.85	<0.15	0.46	<0.16	3.3	<0.12	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	**31.1**	**8.7**	<0.092
11-Dec-18			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	*8.2*	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	**42.5**	**11.1**	<0.092
MW-16S (St. Croix Hardwoods)																											
18-Apr-17																3.7	<0.50								**18**	**8.5**	
21-Jun-17																2.0	<0.50								**14**	**7.8**	
27-Sep-18			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	0.86	<0.12	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	**8.2**	*4.9*	<0.092
11-Dec-18			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	**8.3**	*4.2*	<0.092
MW-16D (St. Croix Hardwoods)																											
18-Apr-17																*17.3*	1.5								**7.8**	**45.3**	
21-Jun-17																*14.7*	0.89								**13.1**	**38.6**	
27-Sep-18	J		NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	0.40	<0.16	*11.5*	1.8	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	*4.6*	**38.7**	<0.092
11-Dec-18			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	*12.6*	1.6	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	**9.4**	**42.7**	<0.092

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
MW-17																											
26-Sep-18		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.12	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	*1.1*	<0.15	<0.092
11-Dec-18		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	*0.82*	<0.15	<0.092
MW-17-40																											
26-Sep-18		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.12	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	<0.17	<0.15	<0.092
11-Dec-18		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	<0.17	<0.15	<0.092
MW-17-70																											
26-Sep-18		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.12	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	<0.17	<0.15	<0.092
11-Dec-18		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	<0.17	<0.15	<0.092
MW-6 (Luck Telephone)																											
20-Sep-16																<0.17									<0.50	<0.33	
26-Sep-18			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.12	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	<0.17	<0.15	<0.092
11-Dec-18			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	<0.17	<0.15	<0.092
MW-6-30 (Luck Telephone)																											
20-Sep-16																<0.17									*0.56*	<0.33	
26-Sep-18	J		NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	0.84	<0.15	<0.22	<0.16	0.30	<0.12	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	*0.88*	<0.15	<0.092
11-Dec-18			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	*1.1*	<0.15	<0.092
MW-6-50 (Luck Telephone)																											
20-Sep-16																<0.17									*1.2*	<0.33	
26-Sep-18			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.12	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	*0.95*	<0.15	<0.092
11-Dec-18			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	*1.2*	<0.15	<0.092

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
MW-7 (Luck Telephone)																											
20-Sep-16																<0.17									<0.50	<0.33	
26-Sep-18			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.12	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	<0.17	<0.15	<0.092
11-Dec-18			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	<0.17	<0.15	<0.092
MW-7-30 (Luck Telephone)																											
20-Sep-16																<0.17									<0.50	<0.33	
26-Sep-18	J		NA	NA	<0.10	<0.14	<0.083	<0.30	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.12	<0.18	<0.15	1.4	<0.98	<0.48	<0.10	<0.19	<0.17	<0.15	<0.092
11-Dec-18			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	<0.17	<0.15	<0.092
MW-7-50 (Luck Telephone)																											
20-Sep-16																0.94									<0.50	<0.33	
26-Sep-18	J		NA	NA	<0.10	<0.14	<0.083	0.39	<0.32	<0.31	<0.24	<0.15	<0.15	*0.67*	<0.16	<0.15	<0.12	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	<0.17	<0.15	<0.092
11-Dec-18					UNABLE TO LOCATE - NOT SAMPLED																						
MW-10 (Luck Telephone)																											
20-Sep-16																<0.17									<0.50	<0.33	
26-Sep-18			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.12	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	<0.17	<0.15	<0.092
11-Dec-18			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	<0.17	<0.15	<0.092
MW-10-30 (Luck Telephone)																											
20-Sep-16																0.61									*1.5*	0.41	
26-Sep-18	J		NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.12	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	*2.7*	0.36	<0.092
11-Dec-18			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	*3.7*	*0.65*	<0.092
MW-10-50 (Luck Telephone)																											
20-Sep-16																0.94									*2.9*	<0.33	
26-Sep-18	J		NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	*0.52*	<0.16	<0.15	<0.12	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	*3.1*	0.4	<0.092
11-Dec-18			NA	NA	<0.10	<0.14	<0.0.83	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	*3.9*	*0.58*	<0.092

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
PZ-1																											
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
Dups																											
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
PZ-6																											
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
PZ-7																											
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
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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
PZ-8																											
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
PZ-9																											
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
MW-2 Equity																											
Cooper / Tetra Tech Sampling Dates																											
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
MSA Sampling Dates																											
13-Apr-06					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
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
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	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
MW-3A Equity																											
Cooper / Tetra Tech Sampling Dates																											
May-05	NP				**12**	31.6	ND	ND	**623**	133.01	ND	26		NP	NP	NP	NP	NP	NP	NP		**56.8**	89.3	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		NA	NA	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		6.57	17.5	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		6.99	19.66	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		5.92	12.2	NP	NP	NP	NP
MSA Sampling Dates																											
13-Apr-06					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
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
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
Well Abandoned																											
MW-4A Equity																											
Cooper / Tetra Tech Sampling Dates																											
May-05	NP				*2.4*	0.762	0.461	NA	5.59	1.98	4.9	3.4		NP	NP	*9.14*	NP	NP	NP	NP		1.26	1.37	NP	**90.9**	**6.98**	NP
Aug-05	NP				**7.02**	15.2	1.99	<0.3	17.84	12.81	NA	NA		NP	NP	NA	NP	NP	NP	NP		NA	NA	NP	NA	NA	NP
Nov-05	NP				**23**	43.1	1.85	<0.3	24.74	13.43	19.3	3.45		NP	NP	1.11	NP	NP	NP	NP		*10.6*	23.4	NP	**35.4**	**5.18**	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
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		<0.8	<0.3	NP	<0.5	*1.61*	NP
MSA Sampling Dates																											
13-Apr-06					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
13-Dec-06	*	PECFA			**24**	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	**13**	**6.9**	<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
Well Abandoned																											

Attachment A.1
GROUNDWATER RESULTS SUMMARY
VOLATILE ORGANIC COMPOUNDS
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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
MW-5 Equity																											
Cooper / Tetra Tech Sampling Dates																											
May-05	NP				*0.862*	ND	ND	ND	ND	ND	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	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	**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	**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	**5.15**	*0.7*	NP
MSA Sampling Dates																											
13-Apr-06					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
13-Dec-06					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
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
MW-6 Equity																											
Cooper / Tetra Tech Sampling Dates																											
May-05	NP				ND	ND	ND	ND	ND	ND	NP	NP		NP	NP	2.87	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	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	**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	**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	**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
MW-7 Equity																											
Cooper / Tetra Tech Sampling Dates																											
May-05	NP		NA		ND	ND	ND	ND	ND	ND	NP	NP		NP	NP	*35.2*	0.661	NP	NP	NP		NP	NP	NP	**127**	**8**	NP
Aug-05	NP		NA		<0.3	<0.3	<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		NA		*0.89*	<0.5	<0.3	<0.3	<0.4	<0.6	NP	NP		NP	NP	**358**	2.13	NP	NP	NP		NP	NP	NP	**282**	**106**	NP
Feb-06	NP		NA		<3.1	<5	<3	<3	<4	<6	NP	NP		NP	NP	**558**	4.83	NP	NP	NP		NP	NP	NP	**416**	**216**	NP
May-06	NP		NA		<15	<25	<15	<15	<20	<31	NP	NP		NP	NP	**1160**	<19	NP	NP	NP		NP	NP	NP	**1100**	**484**	NP
MSA Sampling Dates																											
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
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
13-Dec-06	*	PECFA	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		<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		<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		<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		<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		<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		<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	<0.20	<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	<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	<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	<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	<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	<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	<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	<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	<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	--		--		**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
MW-8 Equity																											
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
PZ-1 Equity																											
Cooper / Tetra Tech Sampling Dates																											
May-05	NP		NA		ND	ND	ND	ND	ND	ND	NP	NP		NP	NP	*8.15*	NP	NP	NP	NP		NP	NP	NP	**129**	*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	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	**18.5**	<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	**10**	<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	**7.35**	<0.5	NP
	Well Abandoned																										
Seaton Sump																											
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
Municipal Well #2																											
Sampled by City of Luck																											
25-Aug-93			NA	NA	<0.5	<0.1	<0.5	NA	NA	<0.2	NA	NA	NA	*0.9*	<0.2	<0.1	<0.1	NA	NA	NA	<0.5	NA	NA	<0.2	<0.2	<0.1	<0.2
28-Jan-97			NA	NA	<0.5	<0.1	<0.5	NA	NA	<0.2	NA	NA	NA	0.3	<0.2	<0.1	<0.1	NA	NA	NA	<0.5	NA	NA	<0.2	<0.2	<0.1	<0.2
15-Mar-99			NA	NA	<0.5	<0.1	<0.5	NA	NA	<0.2	NA	NA	NA	0.3	<0.2	<0.1	<0.1	NA	NA	NA	<0.5	NA	NA	<0.2	<0.2	<0.1	<0.2
25-Mar-02			NA	NA	<0.5	<0.1	<0.5	NA	NA	<0.2	NA	NA	NA	0.39	<0.2	<0.1	<0.1	NA	NA	NA	NA	NA	NA	<0.2	<0.2	<0.1	<0.2
13-Feb-06	J		NA	NA	<0.18	<0.18	<0.21	NA	NA	<0.48	NA	NA	NA	0.31	<0.18	<0.15	<0.17	NA	NA	NA	NA	NA	NA	<0.18	<0.2	<0.2	<0.15
12-Mar-07	J		NA	NA	<0.19	<0.15	<0.16	2.9	NA	<0.5	NA	NA	NA	0.3	<0.18	<0.16	<0.15	NA	NA	NA	NA	NA	NA	<0.2	<0.1	<0.14	<0.2
30-Apr-08	J		NA	NA	<0.19	<0.15	<0.16	2.1	NA	<0.5	NA	NA	NA	0.28	<0.18	<0.16	<0.15	NA	NA	NA	NA	NA	NA	<0.2	<0.1	<0.14	<0.2
25-Sep-09	J		NA	NA	<0.24	<0.24	<0.12	1.5	NA	<0.63	NA	NA	NA	0.2	<0.18	<0.1	<0.28	NA	NA	NA	NA	NA	NA	<0.11	<0.2	<0.25	<0.19
07-Sep-10	J		NA	NA	<0.12	<0.11	<0.11	1.6	NA	<0.33	NA	NA	NA	0.21	<0.11	<0.13	<0.11	NA	NA	NA	NA	NA	NA	<0.14	<0.1	<0.12	<0.13
20-Jun-11	J		NA	NA	<0.12	<0.11	<0.11	0.88	NA	<0.33	NA	NA	NA	0.18	<0.11	<0.13	<0.11	NA	NA	NA	NA	NA	NA	<0.14	<0.1	<0.12	<0.13
19-Mar-12	J		NA	NA	<0.12	<0.11	<0.11	1.2	NA	<0.33	NA	NA	NA	0.22	<0.11	<0.13	<0.11	NA	NA	NA	NA	NA	NA	<0.14	<0.1	<0.12	<0.13
12-Nov-13	J		NA	NA	<0.17	<0.15	<0.14	0.77	NA	<0.53	NA	NA	NA	<0.23	<0.21	<0.13	<0.16	NA	NA	NA	<0.14	NA	NA	<0.2	<0.18	<0.19	<0.19
03-Sep-14			NA	NA	<0.22	<0.19	<0.18	0.69	NA	<0.53	NA	NA	NA	<0.16	<0.21	<0.19	<0.14	NA	NA	NA	<0.16	NA	NA	<0.17	<0.18	<0.11	<0.18
04-Aug-15			NA	NA	<0.14	<0.12	<0.11	0.51	NA	<0.35	NA	NA	NA	<0.16	<0.17	<0.16	<0.18	NA	NA	NA	<0.2	NA	NA	<0.11	<0.13	<0.19	<0.1
14-Sep-16			NA	NA	<0.19	<0.18	<0.21	0.87	NA	<0.48	NA	NA	NA	<0.17	<0.21	<0.2	<0.16	NA	NA	NA	<0.15	NA	NA	<0.17	<0.19	<0.18	<0.17

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
09-Aug-17	J		NA	NA	<0.23	<0.22	<0.22	0.75	NA	<0.68	NA	NA	NA	<0.25	<0.25	<0.3	<0.47	NA	NA	NA	<0.23	NA	NA	<0.21	<0.28	<0.3	<0.2
07-Aug-18	J		NA	NA	<0.23	<0.22	<0.22	0.61	NA	<0.68	NA	NA	NA	<0.25	<0.25	<0.3	<0.47	NA	NA	NA	<0.23	NA	NA	<0.21	<0.28	<0.3	<0.2
Municipal Well #3																											
Sampled by City of Luck																											
01-Mar-93			NA	NA	<0.1	<0.1	<0.2	NA	NA	<0.3	NA	NA	NA	<0.1	<0.2	<0.1	<0.1	NA	NA	NA	<0.5	NA	NA	<0.2	<0.2	<0.1	<0.2
28-Jan-97			NA	NA	<0.5	<0.1	<0.5	NA	NA	<0.2	NA	NA	NA	<0.1	<0.2	<0.1	<0.1	NA	NA	NA	<0.5	NA	NA	<0.2	<0.2	<0.1	<0.2
15-Mar-99			NA	NA	<0.5	<0.1	<0.5	NA	NA	<0.2	NA	NA	NA	<0.1	<0.2	<0.1	<0.1	NA	NA	NA	<0.5	NA	NA	<0.2	<0.2	<0.1	<0.2
25-Mar-02			NA	NA	<0.5	<0.1	<0.5	NA	NA	<0.2	NA	NA	NA	<0.1	<0.2	<0.1	<0.1	NA	NA	NA	NA	NA	NA	<0.2	<0.2	<0.1	<0.2
13-Feb-06			NA	NA	<0.18	<0.18	<0.21	NA	NA	<0.48	NA	NA	NA	<0.22	<0.18	<0.15	<0.17	NA	NA	NA	NA	NA	NA	<0.18	<0.2	<0.2	<0.15
12-Mar-07			NA	NA	<0.15	<0.15	<0.18	NA	NA	<0.55	NA	NA	NA	<0.23	<0.13	<0.2	<0.19	NA	NA	NA	NA	NA	NA	<0.15	<0.15	<0.18	<0.11
30-Apr-08			NA	NA	<0.19	<0.15	<0.16	NA	NA	<0.5	NA	NA	NA	<0.19	<0.18	<0.16	<0.15	NA	NA	NA	NA	NA	NA	<0.2	<0.1	<0.14	<0.2
25-Sep-09	J		NA	NA	<0.24	<0.24	<0.12	NA	NA	<0.63	NA	NA	NA	<0.15	<0.18	<0.1	<0.28	NA	NA	NA	0.19	NA	NA	<0.11	<0.2	<0.25	<0.19
07-Sep-10			NA	NA	<0.12	<0.11	<0.11	NA	NA	<0.33	NA	NA	NA	<0.16	<0.11	<0.13	<0.11	NA	NA	NA	NA	NA	NA	<0.14	<0.1	<0.12	<0.13
20-Jun-11			NA	NA	<0.12	<0.11	<0.11	NA	NA	<0.33	NA	NA	NA	<0.16	<0.11	<0.13	<0.11	NA	NA	NA	NA	NA	NA	<0.14	<0.1	<0.12	<0.13
19-Mar-12			NA	NA	<0.12	<0.11	<0.11	NA	NA	<0.33	NA	NA	NA	<0.16	<0.11	<0.13	<0.11	NA	NA	NA	NA	NA	NA	<0.14	<0.1	<0.12	<0.13
12-Nov-13			NA	NA	<0.17	<0.15	<0.14	NA	NA	<0.53	NA	NA	NA	<0.23	<0.21	<0.13	<0.16	NA	NA	NA	<0.14	NA	NA	<0.2	<0.18	<0.19	<0.19
03-Sep-14			NA	NA	<0.22	<0.19	<0.18	NA	NA	<0.53	NA	NA	NA	<0.16	<0.21	<0.19	<0.14	NA	NA	NA	<0.16	NA	NA	<0.17	<0.18	<0.11	<0.18
09-Aug-17			NA	NA	<0.19	<0.18	<0.21	NA	NA	<0.48	NA	NA	NA	<0.17	<0.21	<0.2	<0.16	NA	NA	NA	<0.15	NA	NA	<0.17	<0.19	<0.18	<0.17

Explanation:
Table reports only those compounds with dectections, 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 anlyzed 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	1,1-Dichloroethane	1,3-Dichlorobenzene	cis-1,2dichloroethene	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)	Methy-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	Vinyl Chloride	Total Xylenes
VP-2	15-May-08	1-2 feet	Sub slab	0.0	690	<51		240	<33	<55			2400	550	<74	580	**87**	<79	<96	<79	<65	<56	**69**	<290	<100		<260	1500	<55		**160000***	<47	170	**6400**	<90	**79**	<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	**210**	<370	<130		<330	4400	<69		**410000***	<59	680	**750**	<110	**98**	<98	160		210
VP-1	15-May-08	3-4 feet	soil gas		81	**5.4**		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		**2800**	3.2	34	**23**	<2.2	22	4.9	<1.9		41
VP-4	15-May-08	3-4 feet	soil gas		64	**10**		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		**4000***	<2.4	19	**36**	<4.5	21	13	<3.7		34
VP-5	15-May-08	3-4 feet	soil gas		29	**3.8**		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		**3100***	<1.2	23	**17**	<2.2	22	4.9	<1.9		37
VP-6	15-May-08	3-4 feet	soil gas		17	**4.5**		<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		**810***	<1.2	20	**2.3**	<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		**466**	<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		8.0	<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		**1530**	<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	1.2	1.3	<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	<0.43	1.0J	<0.19			<1.74
VP-1-17	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-2-17	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-3-17	13-Mar-17	1-2 feet	Sub slab		0.0J	**41,500**	0.0J	0.0J	0.0J	**1,550,000**	0.0J		36,000	0.0J	0.0J	0.0J	**19,400**	22,100	0.0J	1,570J	1,840,000	**3,320,000**	2,030J	0.0J	0.0J	0.0J	**27,400**	0.0J	0.0J	0.0J	0.0J	0.0J	0.0J	70,100	0.0J	0.0J	**85,900**	32,600			**147400**
VP-4-17	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-5-17 (Luck Lumber)	6-Oct-17	1-2 feet	Sub slab	<0.37									<0.60	<0.52																	17.8			<0.47				<0.22		
	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-6-17 (Bri-Bri)	6-Oct-17	1-2 feet	Sub slab	<0.37									<0.60	<0.52																	14.4			<0.47				<0.22		
	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			<1.74
VP-7-17 (Natural Alternative utility)	6-Oct-17	1-2 feet	Sub slab	<0.41									<0.65	<0.57																	192			<0.51				<0.24		
	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	7	<0.84	1.8J	<0.34	<0.47	3.3J	<0.37	<0.21	2.3	68.6	<0.18	2.6	<0.43	0.95J	4.8	<0.28			4.28
VP-8-17 (Natural Alternative storage)	6-Oct-17	1-2 feet	Sub slab	<0.34									<0.55	<0.47																	80.9			<0.43				<0.20		
	15-Mar-17	1-2 feet	Sub slab		72.6	5.2	<0.46	10.7	0.67	1.5	<0.79		<0.37	<0.57	<0.40	10.7	<0.63	<0.28	<0.74	1.6	2.4	3.9	1.6J	5.6	<0.32	<0.45	1.5J	3.4J	0.47J	<0.29	5	<0.18	1.4	<0.41	1.1J	1.2J	<0.27			0.67
	6-Oct-17	1-2 feet	Sub slab	<0.36									<0.57	<0.50																	20.0			<0.45				<0.21		
UC-1	14-Mar-17	6 feet	Soil gas		25.4	1.1	<0.43	0.45J	1.4	0.85J	<0.74		<0.34	<0.53	<0.38	25.5	0.70J	1.0J	<0.69	1.6	0.94J	6.5	11.8	5.3	<0.30	<0.42	<0.42	1.6J	66.4	<0.27	1.7J	<0.17	3.7	<0.38	1.0J	2.7J	<0.25			4.4
UC-2	14-Mar-17	6 feet	Soil gas		43.7	1.3	<0.48	0.61J	<0.17	0.75J	<0.82		<0.38	<0.60	<0.42	2.1	1.6	<0.29	<0.77	6.3	1.5	6.1	<0.84	10.5	<0.34	<0.47	<0.47	<0.37	66	<0.30	12.3	<0.18	5.3	<0.43	1.4J	<0.19	<0.28			5.5
UC-3	14-Mar-17	3.5 feet	Soil gas		33.4	3.7	<0.46	1.6	1.4	1.8	<0.79		<0.37	<0.57	<0.40	3.8	0.79J	<0.28	<0.74	1.1J	2.5	10.7	<0.81	9.8	<0.32	<0.45	<0.45	<0.36	179	<0.29	<0.41	<0.18	5.3	<0.41	<0.20	<0.19	<0.27			2.3
V-5 (Resample)	14-Mar-17	1-2 feet	Sub slab (outdoor)		26.9	2.1	<0.31	<0.16	0.38J	1.0J	<0.85		<0.40	<0.62	<0.43	6.7	25	26.4	<0.80	1.6J	1.8	2.4	<0.87	3.9J	<0.35	<0.49	5.7	<0.39	<0.22	0.75J	11.1	<0.19	20.5	<0.44	1.1J	120	37.2			188.8
SS-1 (McDonald & Owen)	12-Dec-18	Sub-slab	Sub slab		14.0	<0.27	<0.40	<0.38	<0.27	<0.62	<0.39		<1.0	<0.38	<0.50	<0.40	14.3	<0.53	<1.0	<1.8	2.0	<0.66	0.62 J	6.8	<0.65	<0.91	<1.2	5.0	1.7 J	<0.25	<0.60	2.8	<0.46	0.88 J	<0.45	1.1 J	1.7 J	<0.70		<0.22	2.72
SS-2 (McDonald & Owen)	12-Dec-18	Sub-slab	Sub slab		157	0.82	<0.37	0.51 J	0.42 J	0.63 J	<0.36		<0.94	<0.35	<0.46	<0.37	31.2	8.7	<0.92	<1.6	2.3	<0.61	64.4	811	1.2 J	<0.83	<1.1	3.2 J	63.8	<0.23	<0.55	67.4	<0.42	6.1	0.69 J	1.5 J	1.7	<0.64		<0.20	63.4
WI Sub Slab Vapor Risk Screening Level - Small Commercial (May 2016)					4,600,000	530	730	102,000	13,000	860,000	--	--	--	--	400	--	1,600	--	400	15,000	--	102,000	86,000	73,000	730,000	16,000	120	--	430,000	150,000	6,000	290,000	730,000	290	--	1,020	--	--		15,000
WI Sub Slab Vapor Risk Screening Level - Small Commercial (June 2017)					4,600,000	530	730	102,000	13,000	860,000	2,600	--	--	--	400	--	1,600	--	400	15,000	--	102,000	87,000	73,000	730,000	16,000	120	--	430,000	150,000	6,000	290,000	730,000	290	--	8,700	8,700	--	930	15,000
Non-Residential Indoor Air Vapor Action Level					140,000	16	22	3,100	390	26,000	77	--	--	--	12	--	49	--	11	440	--	3,100	2,600	22,000	13,000	470	3.6	--	13,000	4,400	180	8,800	22,000	8.8	--	31	--	--	28	440

All concentrations are in ug/m3
Only those compounds which exceed Reporting Limits are summarized, see analytical report for full list.
All results are reported in ug/m^3 (micrograms per cubic meter)
<1.5 = not detected above the Reporting Limit
-- = does not apply
* PCE value greater than upper calibration limit
Non-Residential Indoor Air Vapor Action Levels are from the EPA Regional Screening Level (RSL) Industrial Air Supporting Table, May 2016
WI Sub Slab Vapor Risk Screening Levels (VRSLs) were calculated using May 2016 VALs (attenuation factor of 0.03)
Target Shallow Gas Concentrations are from Table 2c, EPA OSWER Draft Guidance for Evaluating the Vapor Intrusion to Indoor Air Pathway (November 2002). Based on 1 in 1,000,000 risk, air attenuation factor of 0.1.
Values in BOLD exceed their respective target shallow soil gas or indoor air vapor action level.

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ON-SITE MONITORING WELLS

	MW-1		MW-2		MW-3		MW-4		MW-5		PZ-1		MW-6		PZ-6		MW-7		PZ-7	
Top of Casing	100.00		100.02		100.09		103.54		100.45		99.92		99.97		99.77		101.78		102.02	
Screen Interval	95.69 - 85.69		95.82 - 85.82		95.61 - 85.61		96.30 - 86.30		96.36 - 86.36		65.77 - 60.77		96.36 - 86.36		65.75 - 60.75		94.52 - 84.52		65.88 - 60.88	
(measured in feet)	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		
26-Sep-18																				
13-Dec-18	6.92	1212.64	6.75	1212.82			10.14	1213.03	7.15	1212.83			6.88	1212.66	6.3	1213.02	8.84	1212.55	8.98	1212.64

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	MW-8		PZ-8		MW-9		PZ-9		MW-10		MW-11		MW-12		MW-13		MW-13D		MW-14	
Top of Casing	100.04		100.16																	
Screen Interval	95.48 - 85.48		65.96 - 60.96										USGS Elev	1216.604	USGS Elev	1217.323			USGS Elev	1217.02
(measured in feet)	USGS Elev	1219.56	USGS Elev	1219.70	USGS Elev	1218.76	USGS Elev	1218.74	USGS Elev	1218.58	USGS Elev	1219.86	Resurv. 09/18	1216.61	Resurv. 09/18	1217.27	USGS Elev	1217.12	Resurv. 09/18	1217.29
	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation
13-Apr-06																				
17-Aug-06																				
13-Dec-06																				
2-May-07																				
29-Jan-08																				
23-Apr-08																				
14-May-08	6.64	93.52	6.15	-6.15																
27-Aug-08	8.04	92.12	7.55	-7.55																
24-Nov-08	8.00	92.16	7.29	-7.29																
23-Apr-09	7.88	1211.82	7.73	1211.03	6.99	1211.75	6.97	1211.61	7.03	1212.83	8.01	1208.6								
2-Jun-11	6.78	1212.78	5.75	1213.95	5.91	1212.85	5.79	1212.95	5.82	1212.76	6.85	1213.01								
17-Nov-11	8.11	1211.45	7.23	1212.47	7.30	1211.46	7.18	1211.56	7.24	1211.34	8.21	1211.65								
13-Feb-12											8.61	1211.25								
15-May-12																				
28-Aug-12																				
7-Jan-13																				
31-Jul-13	7.77	1211.79	6.97	1212.73	6.86	1211.90	6.74	1212.00	6.90	1211.68	7.75	1212.11								
27-Oct-13									6.91	1211.67										
26-Feb-14																				
27-May-14	6.50	1213.06	5.95	1213.75	5.60	1213.16	5.48	1213.26	5.60	1212.98	6.45	1213.41								
11-Aug-14																				
1-Dec-14																				
16-Jul-15	7.04	1212.52	6.84	1212.86	6.19	1212.57	5.97	1212.77	6.10	1212.48			4.23	1212.37	5.04	1212.28				
22-Oct-15									6.49	1212.09			4.74	1211.86	5.52	1211.80				
6-May-16													4.08	1212.52	4.82	1212.50			4.92	1212.10
28-Jun-16	7.27	1212.29							6.37	1212.21			4.66	1211.94	5.42	1211.90			5.35	1211.67
13-Sep-16									5.72	1212.86									4.76	1212.26
12-Dec-16									5.28	1213.30										
15-Mar-17									5.82	1212.76										
26-Sep-18									5.10	1213.48					3.86	1213.46	3.91	1213.21	4.19	1212.83
12-Dec-18									5.60	1212.98			4.37	1212.24	4.98	1212.29	4.73	1212.39	5.01	1212.28

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Top of Casing Screen Interval (measured in feet)	MW-6LT		MW-6-30LT		MW-6-50LT		MW-7LT		MW-7-30LT		MW-7-50LT		MW-10LT		MW-10-30LT		MW-10-50LT		MW-15S	
	USGS Elev	1216.43	USGS Elev	1216.54	USGS Elev	1216.5	USGS Elev	1217.7	USGS Elev	1217.63	USGS Elev	1217.14	USGS Elev	1215.28	USGS Elev	1214.85	USGS Elev	1214.64	USGS Elev	1216.67
	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation
26-Sep-18	3.58	1212.85	3.5	1213.04	3.42	1213.08	4.81	1212.89	4.72	1212.91	4.14	1213.00	2.61	1212.67	2.36	1212.49	2.09	1212.55	3.62	1213.05
12-Dec-18	4.09	1212.34	4.26	1212.28	4.33	1212.17	5.42	1212.28	5.31	1212.32	NM	NM	3.49	1211.79	3.02	1211.83	2.6	1212.04	4.43	1212.24

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Top of Casing Screen Interval (measured in feet)	MW-15D		MW-16S		MW-16D		MW-17		MW-17-40		MW-17-70	
	USGS Elev	1216.84	USGS Elev	1216.12	USGS Elev	1215.94	USGS Elev	1213.01	USGS Elev	1213.16	USGS Elev	1213.10
	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation
26-Sep-18	3.79	1213.05	6.19	1209.93	5.53	1210.41	1.28	1211.73	0.94	1212.22	0.96	1212.14
12-Dec-18	4.6	1212.24	6.78	1209.34	6.19	1209.75	2.1	1210.91	1.75	1211.41	1.12	1211.98

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OFF-SITE MONITORING WELLS (Equity Co-op Site BRRTs # 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				
26-Sep-18																
13-Dec-18							9.06	1212.69			NEEDS RESURVEY					

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 whey substrate

FIGURE B.1.b.(2)
Site Map

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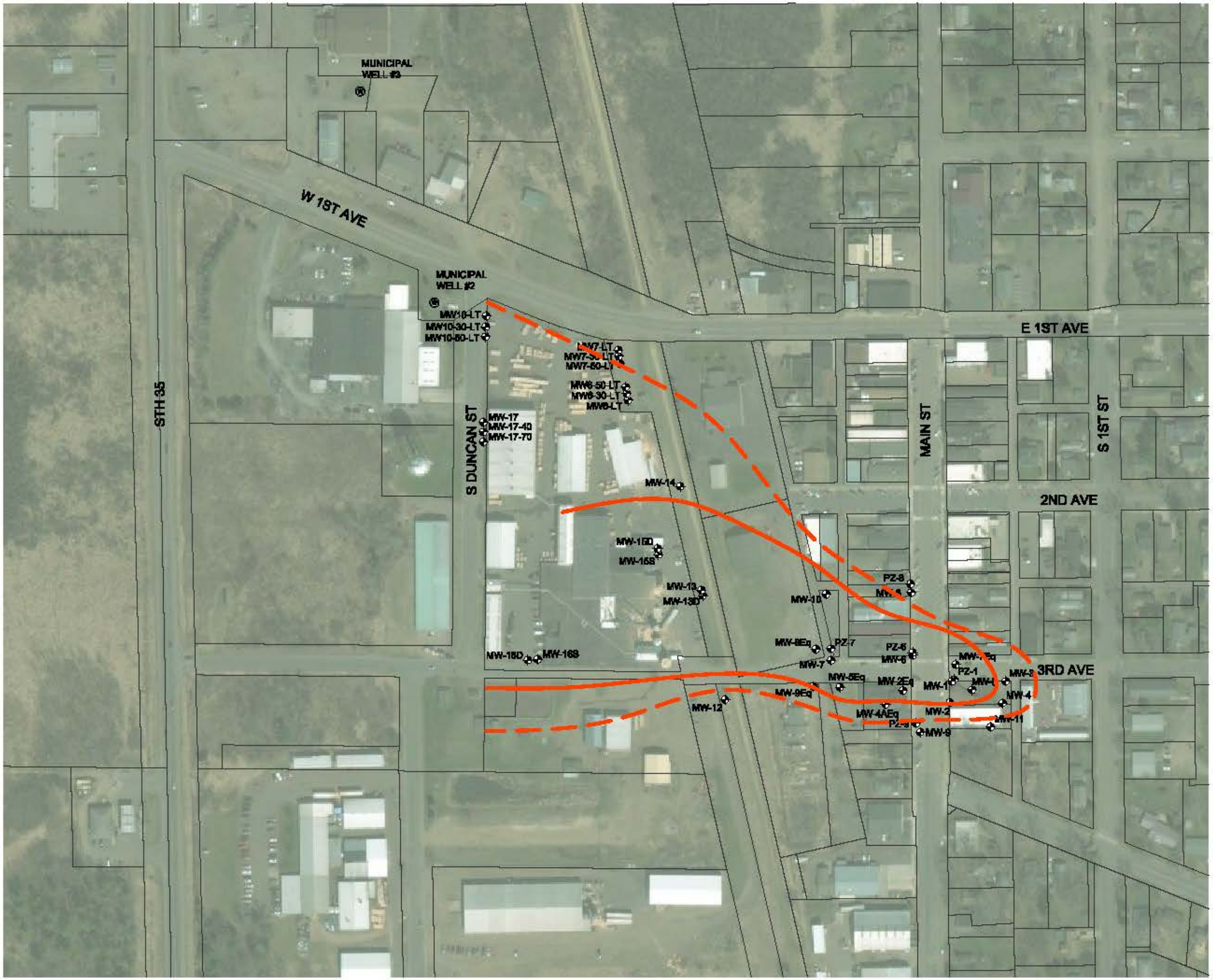

Figure B.3.b
GROUNDWATER ISO CONCENTRATION
DECEMBER 12, 2018

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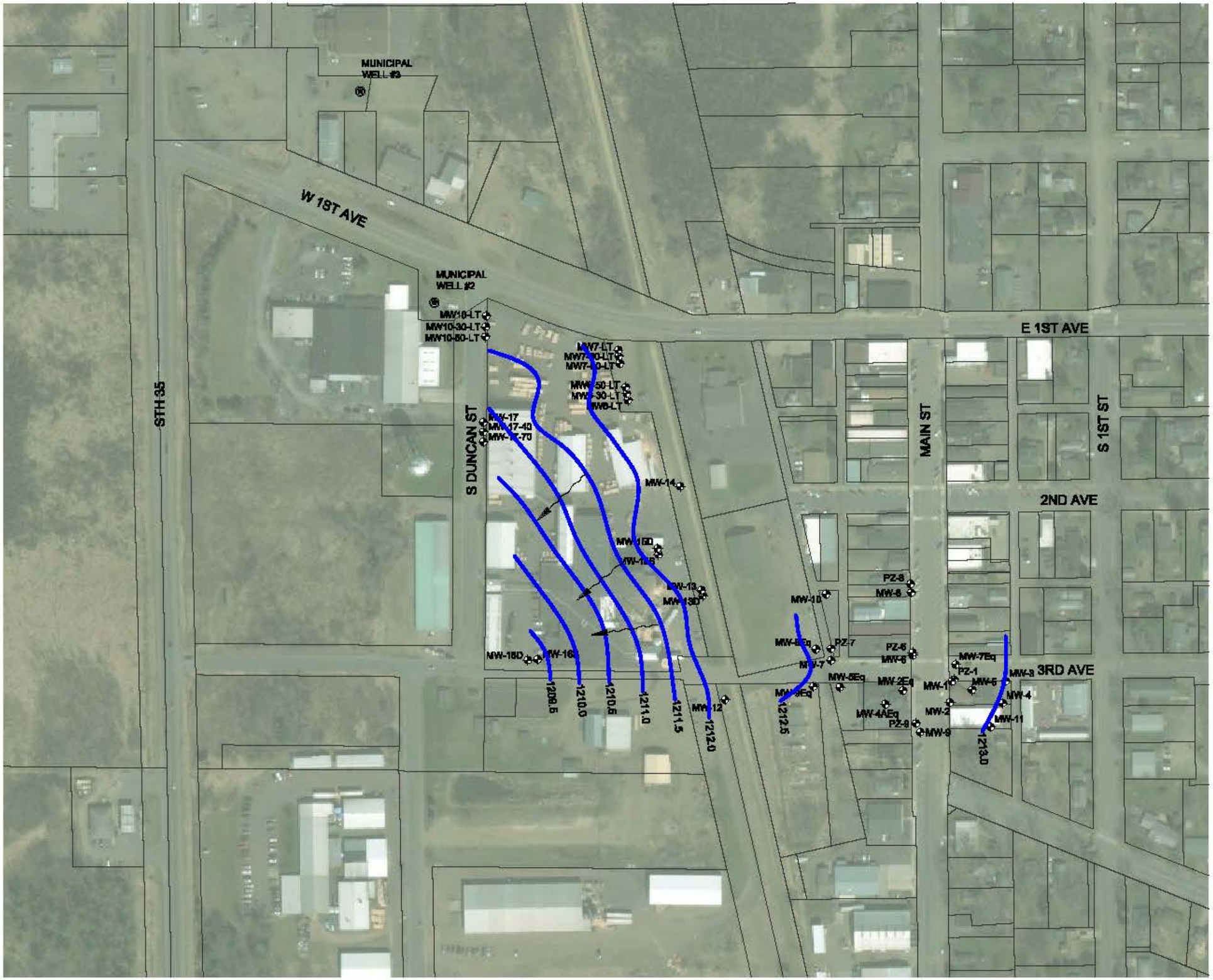

FIGURE B.3.c.1
GROUNDWATER FLOW DIRECTION MONITORING WELLS DECEMBER 12, 2018

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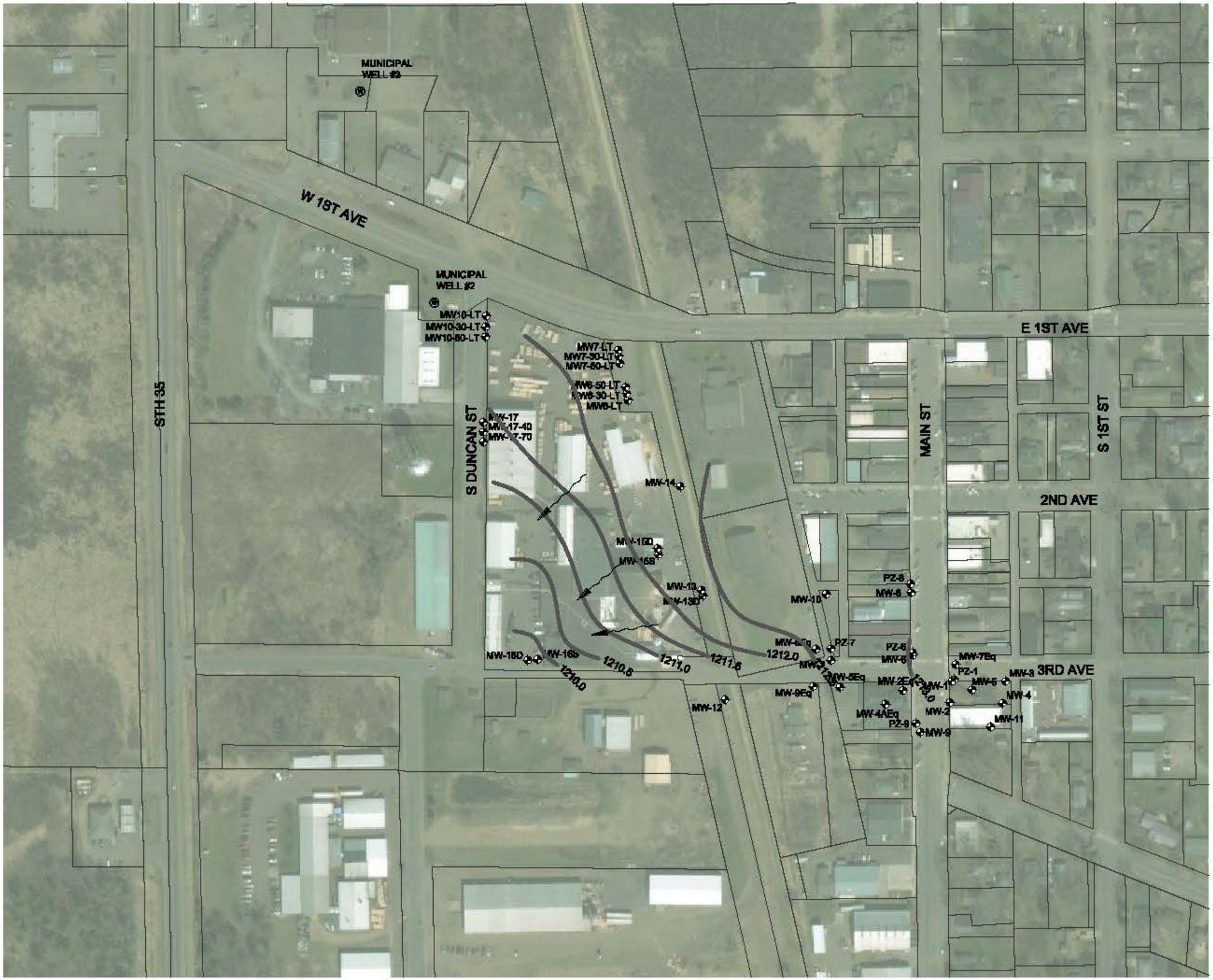

FIGURE B.3.c.2
GROUNDWATER FLOW DIRECTION PIEZOMETER WELLS
DECEMBER 12, 2018

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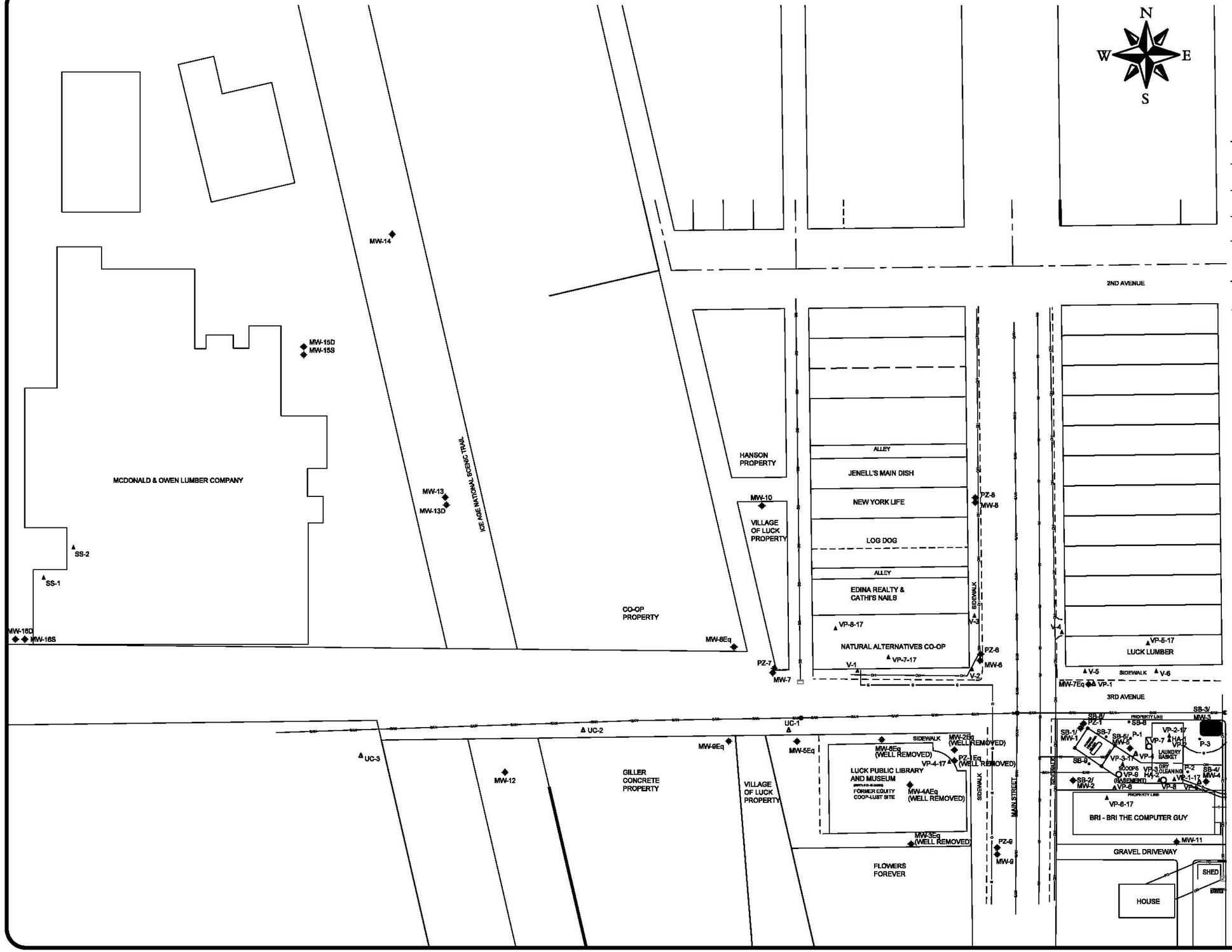

LEGEND

- 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
- SUB-SLAB VAPOR PROBE
- SOIL-GAS VAPOR PROBE
- INDOOR/OUTDOOR AIR SAMPLE

80 0 80

SCALE IN FEET

FIGURE B.4.a

VAPOR INTRUSION MAP

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