



February 26, 2018

Phil Richard
Wisconsin Dept. of Natural Resources
875 S 4th Avenue
Park Falls, WI 54552-1130

submitted by email: Philip.Richard@Wisconsin.gov

RE: Change Order #8
Installation of Groundwater Monitoring Wells, Groundwater Sampling
The Laundry Basket, 300 S. Main Street, Luck, WI
WDNR BRRTS No. 02-49-544893

Dear Phil;

Based on our phone discussion on January 18, 2018, MSA is submitting this change order request for your review and approval.

The scope of work for this change order is as follows:

- Install one monitoring well nest either on the St. Croix Hardwoods parcel or in the east right of way of Duncan Street. MSA will request access from St. Croix Hardwoods to install the well nest between their two buildings as shown on the attached map. If this location is not approved, MSA will approach the Village of Luck to request permission to install the wells in the east right of way of Duncan Street as shown on the attached map. Based on our conversation, it is MSA's understanding that the goal of this work is to have a well nest located in line between the source area at the Laundry Basket site and the municipal well located at the north end of Duncan Street, or slightly to the south along Duncan Street from the well nest installed by REI at the north end of Duncan Street. The well nest will be screened a little deeper than the nest that REI installed, with a water table well approximately 15-20 feet deep, a piezometer well approximately 40 feet deep, and a second deeper piezometer at approximately 70 feet deep.
- As part of the communications with St. Croix Hardwoods, MSA will discuss ownership, access for sampling, and maintenance of the existing wells installed by St. Croix Hardwoods for their 2016-17 investigation (this includes wells MW-13D, MW-15S, MW-15D, MW-16S, and MW-16D). It may be necessary to draft a formal well agreement between Laundry Basket and St. Croix Hardwoods.
- We also discussed contacting REI in regards to access to the wells they installed to the north as part of the Luck Telephone project, with the goal of obtaining permission to either sample the wells for VOCs, or coordinate sampling events to obtain VOC results from some of these wells. The target wells would be the MW-6, MW-7, and MW-10 well nests located in the rights of ways at the north end of the St. Croix Hardwoods property.

Offices in Illinois, Iowa, Minnesota, and Wisconsin

1835 N. STEVENS STREET • RHINELANDER, WI 54501-2163
715.362.3244 • 1.800.844.7854 • FAX: 715.362.4116
www.msa-ps.com

- Groundwater elevation measurements will be collected in each semi-annual sampling event at all wells that we obtain permission to sample/access, regardless of whether or not they are to be sampled (see sampling plan below). In the St. Croix Hardwoods July 2017 Groundwater Investigation report, they mentioned that the Laundry Basket wells MW-13 and MW-14, plus the Luck Telephone wells at nests MW-6, MW-7, and MW-10 have “heaved” considerably, and the well pads and inner riser pipes appeared to be damaged. If true, the previously surveyed casing elevations may be suspect. Therefore, MSA proposes to re-survey top of casing at these wells plus the new wells from another undamaged well for the Laundry Basket site. We will also review the top of casing elevations listed for the wells at the St. Croix Hardwoods project to confirm that they have been surveyed to the same datum as the wells for the Laundry Basket site. If not, we may need to include those wells in the survey (this includes wells MW-13D, MW-15S, MW-15D, MW-16S, and MW-16D). The goal of this work is to produce water table flow direction maps with all elevations measured to the same datum.
- Groundwater samples will be collected on a quarterly basis over the next 12 months. The first round will be collected after installation of the new well nest and after the survey has been completed so that water elevations can be collected and a new groundwater flow direction map can be prepared. It will be coordinated with sampling by REI at the Luck Telephone site if possible, or after REI has been approached regarding access to the listed Luck Telephone wells. The following wells will be sampled for VOCs in both semi-annual rounds:
 - Laundry Basket wells MW-10, MW-13, MW-14 and the new well nest (MW-17, MW-17-40, MW-17-70)
 - St. Croix Hardwoods wells MW-13D, MW-15S, MW-15D, MW-16S, MW-16D
 - Luck Telephone well nests at MW-6, MW-7, and MW-10
 - (This is a total of 20 wells sampled for VOCs in all four rounds)

 - In the final round, MSA will include additional sampling in the source area to include wells MW-1, MW-2, MW-4, MW-5, MW-6, MW-7, MW-12, PZ-7, MW-5Eq, and MW-7Eq.
 - (This is a total of 10 additional wells sampled for VOCs in this final round)
 - No additional natural attenuation parameter data will be collected. MSA believes that sufficient post-injection monitoring of these parameters has been performed. The last why injection was performed on April 24, 2013.
- The MSA Laundry Basket site map will be expanded and updated to show all of the monitoring wells listed above and the downgradient municipal wells.
- The Laundry Basket groundwater data table has been updated with the recent data from the St. Croix Hardwoods investigation and the Luck Telephone site investigation data, and a copy is attached. Only the parameters of concern from that sampling has been added to the table, as the other compounds are generally below detection limits. However, the municipal well data for wells #2 and #3 still need to be added to the table, as per your request.

- Phil, you asked that we locate and submit the well construction reports for the two downgradient municipal wells. It was noted in a review of the St. Croix Hardwoods July 2017 report that they included a copy of both municipal well construction reports. A copy of each will be included in the status report prepared at the end of this scope of work.
- The cross section prepared for the Laundry Basket site incorrectly shows the municipal well to be located at the water tower on Duncan Street. This cross section will be corrected, the new wells added, and the cross section will be updated for the next status report submittal.
- MSA will conduct a field visit to evaluate the need for and locations of additional subslab and/or indoor air samples at the St. Croix Hardwoods property and surrounding parcels. This work will be performed at the same time as the monitoring well drilling in order to avoid an additional trip to the site. This site visit will include an inventory of the buildings on each parcel west of the railroad tracks to determine use and occupancy, and obtain information on where additional vapor sampling may be warranted. This information will be submitted in a separate report to the DNR, along with a change order request for the cost to conduct the sampling, so that it can be conducted concurrent with the work outlined in this change order.
- A status report documenting the results of this scope of work will be prepared and submitted to the DNR for review.

Cost Estimate for Change Order #8

The attached DERF Site Investigation Bid Sheet includes the costs to complete the above described activities and totals \$16,680.00 consultant, \$1,100.00 Miscellaneous (i.e., consultant), \$14,040.00 contractor costs (i.e., drilling plus laboratory), that totals \$31,820.00.

We are currently issuing MSA Invoice #22 and the attached DERF spreadsheet illustrates the ending project budget with that invoice (i.e., remaining consultant budget of \$4,795.00, and remaining sub-contractor budget of \$6,679.37).

The following presents a summary of the budget information for this project:

	<u>Consulting</u>	<u>Contractor</u>	<u>Budget</u>	<u>Total Budget</u>
Initial Budget, April 26, 2011	\$54,900.00	\$41,400.00	\$96,300.00	\$96,300.00
Change Order #1, August 31, 2011	\$390.00	\$700.00	\$1,090.00	\$97,390.00
Change Order #2, January 31, 2013	\$10,113.00	\$6,900.00	\$17,013.00	\$114,403.00
Change Order #3, January 16, 2014	\$12,012.00	\$6,208.00	\$18,220.00	\$132,623.00
Change Order #4, February 4, 2015	\$3,185.00	\$4,265.00	\$7,450.00	\$140,073.00
Change Order #5, March 1, 2016	\$15,105.00	--	\$15,105.00	\$155,178.00
Change Order #6, January 23, 2017	\$18,190.00	\$7,125.00	\$25,315.00	\$180,493.00
Change Order #7, August 30, 2017	\$5,810.00	\$2,984.00	\$8,794.00	\$189,287.00
Change Order #8, February 26, 2018	\$17,780.00	\$14,040.00	\$31,820.00	\$221,107.00

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Phil Richard
Park Falls, WI 54552-1130
February 26, 2018

Please call if you have any questions.

Sincerely,

MSA Professional Services, Inc.



Jayne Englebert
Sr. Hydrogeologist



Brian Hegge
Project Manager

JAE/bjh

Cc: Lois Baldwin, Luck, WI

Enclosures: DERF Site Investigation Bid Sheets
Drilling Bid Tabulation
Invoice #22 DERF Linking Spreadsheet
Groundwater Data Table
Map showing proposed drilling locations

DERF Site Investigation Bid Summary Consultant Selection Cover Sheet

Notice: Use this form to notify the Department of Natural Resources of the consultant you are selecting to conduct a site investigation and to submit and summarize the bids required in the Dry Cleaner Environmental Response Fund (DERF) Program. This form is authorized under s. 292.65, Wis. Stats. and s. NR 169.23, Wis. Adm. Code. Completion of this form is mandatory for any person applying for DERF reimbursement. Persons who do not submit a completed form will not be eligible for reimbursement under DERF. Personal information will be used to manage the DERF program, and be made available to requesters under Wisconsin's Open Records laws (ss. 19.32-19.39, Wis. Stats.) and requirements.

Complete the following information and submit it to your DNR regional project manager. Copy this form as necessary.

Site Information

Site name: The Laundry Basket	Facility Name: The Laundry Basket	BRRTS # 02-49-544893
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Consultant Selected

Consultant Name: MSA Professional Services	Consultant Address: 1835 N. Stevens Street, Rhinelander, WI 54501
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Summary of Costs:

Consultant Name: MSA Professional Services	
Consulting costs:	\$16,680.00
Drilling costs:	\$7,460.00
Analytical costs:	\$6,580.00
Miscellaneous costs:	\$1,100.00
Total Costs:	\$31,820.00

Consultant Name:	
Consulting costs:	
Drilling costs:	
Analytical costs:	
Miscellaneous costs:	
Total Costs:	

Consultant Name:	
Consulting costs:	
Drilling costs:	
Analytical costs:	
Miscellaneous costs:	
Total Costs:	

Optional 4th bid information:

Consultant Name:	
Consulting costs:	
Drilling costs:	
Analytical costs:	
Miscellaneous costs:	
Total Costs:	

Justification for Selection:

Change Order #8 to install monitoring wells, update site map, conduct quarterly groundwater sampling.

Applicant Information and Certification

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

Applicant Name		Date	
517 S. Fourth Street	Luck	WI	54853-9045
Signature			

Department Use Only

Project Manager Approval Signature	Phone Number	Date
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If not approved, reason for non-approval:

**DERF Site Investigation Bid Sheet
Consultant Bid Summary**

Form 4400-233 (R 4/04) Page 2 of 6

Site Information

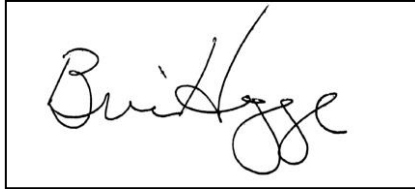
Site Name	The Laundry Basket, Luck WI	
Consultant Name	MSA Professional Serivces	Applicant Name Lois and Ardell Baldw

Bid Summary

Drilling Costs Total =	\$ 7,460.00
Analytical Costs Total =	\$ 6,580.00
Consulting Costs Total =	\$ 16,680.00
Misc Costs Total =	\$ 1,100.00
Grand Total =	\$ 31,820.00

I certify that the costs are an accurate estimate of my total projected costs for the site investigation and I understand and will adhere to s.292.65 Stats. and ch NR 169, Wis. Adm. Code.

Consultant Signature



26-Feb-18

Please attach to these forms a written narrative specifying how the tasks outlined in these sheets will be performed.

Consultant Name:
 Site Name:
 BRRTS #:
 Date:

DERF Site Investigation Bid Sheet Drilling Costs

Form 4400-233 (R 4/04) Page 3 of 6

Drilling Costs						
Task	Interval	Number of Borings or Wells	Number of Days	Total Number of Feet	Cost/feet, Day or Well	Total Cost
Well installation and Completion						
2 inch PVC	_1__ ft to _20__ ft					\$ 2,500.00
1 inch PVC (GeoProbe)	__ ft to __ ft					\$ -
	__ ft to __ ft					\$ -
	> __ ft					\$ -
Decontamination Costs						
Mobilization Costs						
Hollow Stem Auger Drilling 2.25 ID						
2 1/4 Augers	0 to 40 ft					\$ -
	40 to 80 ft					\$ -
Bore Abandonment	per ft					\$ -
						\$ -
Decontamination Costs						
Mobilization / per diem Costs						
Hollow Stem Auger Drilling 4.25 ID						
4 1/4 Augers	0 to 40 ft					\$ 1,960.00
	40 to 80 ft					\$ -
Bore Abandonment	per ft					\$ -
						\$ -
Decontamination Costs						
Mobilization						
						\$ 500.00
						\$ 1,600.00
Direct Push Borings (per point)						
Hydraulic Unit	< 30 ft depth					\$ -
Abandonment	per foot					\$ -
Concrete Core/Patch	each					\$ -
Soil Gas Subcontractor						
Mobilization Costs						
						\$ -
Well Development (if done by subcontractor)						
	Monitoring Wells					
	Piezometers					
	Recovery Wells					
Other						
Drums for soil/water						
						\$ -
Flush Mount Cover/Pad						
						\$ 900.00
Per Diem						
						\$ -
Steel Bumper Posts						
						\$ -
Traffic Control						
						\$ -
Total Drilling Costs						
						\$ 7,460.00

See attached bid tabulation for detailed drilling costs.

Consultant Name:
 Site Name:
 BRRTS #:
 Date:

DERF Site Investigation Bid Sheet
Analytical Costs

Form 4400-233 (R 4/04) Page 4 of 6

Parameter	WI Certified Lab			Field Test/Field Kit			Mobile Lab			Total Costs
	\$/sample	# samples	Method Used	\$/sample	# samples	Method Used	\$/Sample \$/Day	# Samples # Days	Method Used	
Solids Analysis										
VOCs										\$0.00
TCLP										\$0.00
RCRA Metals										\$0.00
Duplicate Analyses										\$0.00
Blank Analyses										\$0.00
Other: (Specify)										\$0.00
										\$0.00
Water Analysis										
VOCs	\$ 70	90	8260							\$6,300.00
Nitrate*	\$ 13		4500							\$0.00
Dissolved Oxygen*										\$0.00
Temperature*										\$0.00
Ferrous Iron*	\$ 10		6010							\$0.00
Sulfate*	\$ 11		D516							\$0.00
Sulfide*										\$0.00
ORP*										\$0.00
pH*										\$0.00
TOC*										\$0.00
Alkalinity*										\$0.00
Chloride*										\$0.00
Spec. Conductance*										\$0.00
Ethene/Ethane/Methane*	\$50		RSK1							\$0.00
Hydrogen*										\$0.00
Carbon Dioxide*										\$0.00
RCRA Metals										\$0.00
Duplicate Analyses	\$60		8260							\$0.00
Blank Analyses	\$ 70	4	8260							\$280.00
Other: DOC	\$60									\$0.00
										\$0.00
Air Analysis										
VOCs										\$0.00
TCE										\$0.00
PCE (minimum detection limit is <10 ppbv)										\$0.00
Other: (Specify)										\$0.00
TO-15	\$ 237		TO-15							\$0.00
Waste Analyses (soil/water)										
TCLP Ext + VOC Analysis										\$0.00
										\$0.00
Miscellaneous										
										\$0.00
										\$0.00
Charge for Mobile Lab (indicate # days and daily fee)										
Total Analytical Costs										\$6,580.00

* Natural Attenuation parameters required for consideration of NA as remedy.

DERF Site Investigation Bid Summary

Consultant Costs

Consultant Name:
 Site Name:
 BRRTS #:
 Date:

Position (specify)	Hourly Rate	Hours/Task															Total Costs			
		Workplan Development	Access	Access Requests	Well Agreement with St. Croix Hardwoods	Drilling Oversight	Well elevation survey	Drilling sampling	Well Development	Hydraulic Conductivity Test	Groundwater sampling	Soil gas/vapor intrusion survey	SSRCL calculations (contained out or remedial actions)	SI Report preparation	Status Reports	Project Management		Other (specify)		
																		Site Recon for Sub-Slab Locations, Report		
Professional Staff																				
Project Manager	\$ 130	2	4											2	6					\$1,820.00
Senior Hydro/Eng/Sci	\$ 90		8		4									14	6					\$2,880.00
Project Hydro/Eng/Sci	\$ 80																			\$0.00
Staff Hydro/Eng/Sci	\$ 70													6						\$420.00
																				\$0.00
Field Staff																				
Senior Hydro/Eng/Sci	\$ 90					40														\$3,600.00
Project Hydro/Eng/Sci	\$ 80							8		64								8		\$6,400.00
Staff Hydro/Eng/Sci	\$ 70																			\$0.00
Env. Specialist	\$ 60																			\$0.00
Tech Support	\$ 60																			\$0.00
Clerical	\$ 50																			\$0.00
Survey Staff	\$ 90						12													\$1,080.00
Office Support Staff																				
Tech Support	\$ 60													8						\$480.00
Clerical	\$ 50																			\$0.00
																				\$0.00
																				\$0.00
																				\$0.00
Total Consulting Costs		\$ 260	\$ 1,240	\$ -	\$ 360	\$ 3,600	\$ 1,080	\$ -	\$ 640	\$ -	\$ 5,120	\$ -	\$ -	\$ -	\$ 2,420	\$ 1,320	\$ 640	\$ -	\$ -	\$16,680.00

Consultant Name:
 Site Name:
 BRRTS #:
 Date:

DERF Site Investigation Bid Summary Sheet

Miscellaneous Costs

Form 4400-233 (R 4/04) Page 6 of 6

Major Activity	Specifications	Commodity Unit (specify)	Unit Rate	Number of Units	Total Cost
IDW Disposal					
Soil	Non-Hazardous	55 gal drum			\$ -
Water	Non-Hazardous	55 gal drum			\$ -
Profile/Transportation		per trip			\$ -
Soil	Hazardous	55 gal drum			\$ -
Water	Hazardous	55 gal drum			\$ -
Equipment Rental (list and include shipping costs if applicable)					
Multi-Parameter Downhole Meter	RNA parameters	per day	\$ 75.00		\$ -
Water Level Meter		per day	\$ 25.00		\$ -
Field PID	soil screening	per day	\$ 75.00	4	\$ 300.00
Helium Detector (includes shut in apparatus, helium, supplies)	Sub Slab Sampling	per day	\$ 200.00		\$ -
Laser Survey Instrument			\$150.00	2	\$ 300.00
Field Supplies (list)					
Bailers		each	\$5.00	90	\$ 450.00
Whey Injection Supplies		Once			\$ -
EnTech Sub-Slab Sampling Ports		each	\$60.00		\$ -
Whey - Burnett Dairy		Once			\$ -
Luck Access Permits		Once	\$50.00	1	\$ 50.00
Surveying					
Geodometer		per hr			\$ -
Personal Protection Equipment (list)					
Sample Shipping Costs					
Other (specify)					
Total Miscellaneous Costs					\$1,100.00

Reminders: DERF does not reimburse for attorney, closure or GIS fees. Mileage and meals are also non-reimbursable. Also, costs to prepare a reimbursement application and discuss the application with the department are not reimburseable. No expedited

BID TABULATION

PROJECT: Monitoring Well Installation, 2018
 OWNER: The Laundry Basket, Luck, Wisconsin

PROJECT NUMBER: 6080801
 BID DATE: February 15, 2018

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNITS	Soils and Engineering Services Madison, WI		Twin Ports Testing Superior, WI		American Engineering Testing Duluth, MN	
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
1.	Mob/demob, per diems	1	LS	\$ 1,600.00	\$ 1,600.00	\$ 2,940.00	\$ 2,940.00	\$ 3,000.00	\$ 3,000.00
2.	HSA Drilling and Sampling, 4 1/4 ID, 0 to 20 feet	55	FT	\$ 12.00	\$ 660.00		\$ -		\$ -
3.	HSA Drilling, 4 1/4 ID, 20 to 40 ft	40	FT	\$ 16.00	\$ 640.00		\$ -		\$ -
4.	HSA Drilling, 4 1/4 ID, 40 to 60 ft	20	FT	\$ 20.00	\$ 400.00		\$ -		\$ -
5.	HSA Drilling, 4 1/4 ID, 60 to 80 ft	10	FT	\$ 26.00	\$ 260.00		\$ -		\$ -
6.	HSA Drilling, 4 1/4 ID, 0 to 25 ft	65	FT		\$ -	\$ 16.00	\$ 1,040.00		\$ -
7.	HSA Drilling, 4 1/4 ID, 25 to 50 ft	40	FT		\$ -	\$ 18.00	\$ 720.00		\$ -
8.	HSA Drilling, 4 1/4 ID, 50 to 70 ft	20	FT		\$ -	\$ 20.00	\$ 400.00		\$ -
9.	HSA Drilling, 4 1/4 ID, 0 to 30 ft	75	FT		\$ -		\$ -	\$ 17.50	\$ 1,312.50
10.	HSA Drilling, 4 1/4 ID, 30 to 50 ft	30	FT		\$ -		\$ -	\$ 20.00	\$ 600.00
11.	HSA Drilling, 4 1/4 ID, 50 to 70 ft	20	FT		\$ -		\$ -	\$ 25.00	\$ 500.00
12.									
13.	Well Installation, inc. time and materials	125	FT	\$ 20.00	\$ 2,500.00	\$ 18.00	\$ 2,250.00	\$ 20.00	\$ 2,500.00
14.									
15.	Flush mounts, including concrete	3	EACH	\$ 300.00	\$ 900.00	\$ 200.00	\$ 600.00	\$ 500.00	\$ 1,500.00
16.									
17.	Decon and Site Cleanup, including soil transport	1	LS	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 665.00	\$ 665.00
18.									
19.									
20.									
TOTAL: Items #1-#					\$ 7,460.00		\$ 8,450.00		\$ 10,077.50

Site Name: The Laundry Basket
 BRRS #: 02-49-544893
 Type of Action: Remedial Action

Dry Cleaner Environmental Response Program
 Reimbursement Cost Detail Linking Spreadsheet Form 4400-214D (R 08/12)

Task	TASKS Bid / Budgeted Description	BUDGET								INVOICES	DERF COST BREAKOUT (this claim)							Budget Remaining Use (-) to indicate cost over-run	% Task Complete, Remarks								
		Bid / Budgeted Amount	Change Order #1 August 31, 2011	Change Order #2 January 31, 2013	Change Order #3 January 16, 2014	Change Order #4 February 6, 2015	Change Order #5 March 1, 2016	Change Order #6 January 23, 2017	Change Order #7 August 30, 2017		INSERT	Total Approved Budget	Previous Claims (if applicable)	MSA, Invoice #22, February, 2018	Provider Name, Invoice #, Billing Date	INSERT	Total Invoiced Costs			A Soil Investigation	B Soil Remediation	C Groundwater Investigation	D Groundwater Remediation	E Air/Vapor Investigation	F Air/Vapor Remediation	G Lab & Other Analysis	H Miscellaneous Costs
	Consultant Costs																										
1	Pre-Construction Documents and Permits	\$ 9,620.00	\$ -							\$ 9,620.00	\$ 12,162.50				\$ -											\$ (2,542.50)	100
2	Pre-Injection GW Char and 1 Rd GW Smp	\$ 2,100.00								\$ 2,100.00	\$ 2,312.50				\$ -											\$ (212.50)	100
3	Installation of Injection Wells	\$ 2,960.00								\$ 2,960.00	\$ 6,022.50				\$ -											\$ (3,062.50)	100
4	Two Whey Injection Events	\$ 10,300.00		\$ 1,910.00	\$ 2,790.00					\$ 15,000.00	\$ 14,785.97				\$ -											\$ 214.03	100
5	Installation of Sub-Slab System	\$ 3,740.00								\$ 3,740.00	\$ 1,485.00				\$ -											\$ 2,255.00	100
6	Soil Sample and Indoor Air Smping	\$ 1,460.00								\$ 1,460.00	\$ 2,822.50				\$ -											\$ (1,362.50)	100
7	Two Years GW Monitoring	\$ 15,840.00		\$ 4,338.00	\$ 8,082.00	\$ 440.00				\$ 28,700.00	\$ 28,691.51				\$ -											\$ 8.49	90
8	Construction Documentation Report	\$ 4,080.00								\$ 4,080.00	\$ 2,957.50				\$ -											\$ 1,122.50	100
9	Case Closure Costs	\$ 4,800.00		\$ 1,140.00	\$ 1,140.00					\$ 7,080.00	\$ 3,385.00	\$ 1,180.00			\$ 1,180.00			\$ 1,180.00								\$ 2,515.00	50
10	Change Order #1, Well Repair		\$ 390.00							\$ 390.00	\$ 390.00				\$ -											\$ -	100
	Change Order #2									\$ -	\$ -				\$ -											\$ -	100
11	Sub Slab Sampling			\$ 1,945.00						\$ 1,945.00	\$ 1,931.60				\$ -											\$ 13.40	100
12	Off-Site Access			\$ 780.00						\$ 780.00	\$ 780.00				\$ -											\$ -	100
13	Change Order #4									\$ -	\$ -				\$ -											\$ -	100
	Off-Site Access					\$ 520.00				\$ 520.00	\$ 520.00				\$ -											\$ -	100
	Drilling Oversight/Well Development					\$ 1,355.00				\$ 1,355.00	\$ 1,475.00				\$ -											\$ (120.00)	100
	Site Survey					\$ 870.00				\$ 870.00	\$ 865.00				\$ -											\$ 5.00	100
14	Change Order #5									\$ -	\$ -				\$ -											\$ -	100
	Well Installation/Develop/Survey					\$ 3,290.00				\$ 3,290.00	\$ 3,265.00				\$ -											\$ 25.00	100
	Groundwater Monitoring					\$ 6,575.00				\$ 6,575.00	\$ 5,855.50				\$ -											\$ 719.50	75
	Status Report					\$ 2,800.00				\$ 2,800.00	\$ 2,762.50				\$ -											\$ 37.50	100
	Vapor Mitigation Plan					\$ 2,440.00				\$ 2,440.00	\$ 2,390.00				\$ -											\$ 50.00	75
15	Change Order #6									\$ -	\$ -				\$ -											\$ -	100
	Sub Slab, Soil Gas and Indoor Air Sampling							\$ 13,150.00		\$ 13,150.00	\$ 9,872.50				\$ -											\$ 3,277.50	100
	Status Report							\$ 5,040.00		\$ 5,040.00	\$ 3,235.00	\$ 1,155.00			\$ 1,155.00					\$ 1,155.00						\$ 650.00	100
16	Change Order #7									\$ -	\$ -				\$ -											\$ -	100
	Sub Slab Sampling							\$ 3,930.00		\$ 3,930.00	\$ 3,120.00	\$ 3,120.00			\$ 3,120.00						\$ 2,570.00			\$ 550.00		\$ 810.00	100
	Status Report							\$ 1,880.00		\$ 1,880.00	\$ 1,487.50	\$ 1,487.50			\$ 1,487.50						\$ 1,487.50					\$ 392.50	100
	Consultant Cost Total	\$ 54,900.00	\$ 390.00	\$ 10,113.00	\$ 12,012.00	\$ 3,185.00	\$ 15,105.00	\$ 18,190.00	\$ 5,810.00	\$ 119,705.00	\$ 107,967.08	\$ 6,942.50	\$ -	\$ 6,942.50												\$ 4,795.42	
	Sub-Contractor Costs																										
1	Pre-Construction Documents and Permits	\$ -	\$ -							\$ -	\$ -				\$ -											\$ -	100
2	Analytical Laboratory	\$ 3,500.00								\$ 3,500.00	\$ 3,508.00				\$ -											\$ (8.00)	100
3	Well Installation and Soil Disposal	\$ 11,900.00								\$ 11,900.00	\$ 10,742.00				\$ -											\$ 1,158.00	100
4	Injection Contractor and Whey Delivery	\$ 4,200.00		\$ 1,500.00	\$ 2,200.00					\$ 7,900.00	\$ 6,634.82				\$ -											\$ 1,265.18	100
5	Subslab Samples, Floor Sealing, Soil Disposal	\$ 5,000.00								\$ 5,000.00	\$ 4,020.00				\$ -											\$ 980.00	100
6	Analytical Laboratory	\$ 1,800.00				\$ 240.00				\$ 2,040.00	\$ 3,250.31				\$ -											\$ (1,210.31)	100
7	Analytical Laboratory, Purge Water Disposal	\$ 15,000.00		\$ 3,900.00	\$ 4,008.00					\$ 22,908.00	\$ 17,458.50				\$ -											\$ 5,449.50	90
8	Construction Documentation Report	\$ -								\$ -	\$ -				\$ -											\$ -	100
9	Case Closure Costs	\$ -								\$ -	\$ -				\$ -											\$ -	100
10	Change Order #1, Well Repair		\$ 700.00							\$ 700.00	\$ 750.00				\$ -											\$ (50.00)	100
	Change Order #2									\$ -	\$ -				\$ -											\$ -	100
11	Sub Slab Sampling			\$ 1,500.00						\$ 1,500.00	\$ 1,482.00				\$ -											\$ 18.00	100
12	Off-Site Access									\$ -	\$ -				\$ -											\$ -	100
13	Change Order #4									\$ -	\$ -				\$ -											\$ -	100
	Luck Access Agreement					\$ 200.00				\$ 200.00	\$ -				\$ -											\$ 200.00	100
	Well Contractor					\$ 3,825.00				\$ 3,825.00	\$ 2,998.00				\$ -											\$ 827.00	100
14	Change Order #5									\$ -	\$ -				\$ -											\$ -	100
	Well Contractor					\$ 2,675.00				\$ -	\$ 1,970.00				\$ -											\$ (1,970.00)	100
	Laboratory					\$ 4,570.00				\$ -	\$ 4,035.00				\$ -											\$ (4,035.00)	100
15	Change Order #6									\$ -	\$ -				\$ -											\$ -	100
	GeoProbe Contractor							\$ 1,200.00		\$ 1,200.00	\$ 1,130.00				\$ -											\$ 70.00	100
	Laboratory							\$ 5,925.00		\$ 5,925.00	\$ 3,300.00				\$ -											\$ 2,625.00	100
16	Change Order #7									\$ -	\$ -				\$ -											\$ -	100
	Laboratory							\$ 2,984.00		\$ 2,984.00	\$ 1,624.00	\$ 1,624.00			\$ 1,624.00								\$ 1,624.00		\$ 1,360.00	100	
										\$ -	\$ -				\$ -											\$ -	100
										\$ -	\$ -				\$ -											\$ -	100
										\$ -	\$ -				\$ -											\$ -	100
										\$ -	\$ -				\$ -											\$ -	100
	Sub-Contractor Cost Total	\$ 41,400.00	\$ 700.00	\$ 6,900.00	\$ 6,208.00	\$ 4,265.00	\$ 7,245.00	\$ 7,125.00	\$ 2,984.00	\$ 69,582.00	\$ 61,278.63	\$ 1,624.00	\$ -	\$ 1,624.00						\$ 1,180.00	\$ 5,212.50	\$ -	\$ 1,624.00	\$ 550.00	\$ 11,474.79		
	DERF ELIGIBLE SUB-TOTALS	\$ 96,300.00	\$ 1,090.00	\$ 17,013.00	\$ 18,220.00	\$ 7,450.00	\$ 22,350.00	\$ 25,315.00	\$ 8,794.00	\$ 189,287.00	\$ 169,745.71	\$ 8,566.50	\$ -	\$ 8,566.50	\$ -	\$ -	\$ -	\$ -	\$ 1,180.00	\$ 5,212.50	\$ -	\$ 1,624.00	\$ 550.00	\$ 11,474.79			
	Non-DERF Eligible Expenses																										
	Pre-Construction Permits									\$ 500.00	\$ 500.00	\$ -			\$ -											\$ -	
	Case Closure									\$ 1,200.00	\$ -	\$ -			\$ -											\$ -	
	Non-DERF Cost Total									\$ 1,700.00	\$ 500.00	\$ -			\$ -											\$ -	
	INVOICE GRAND TOTAL									\$ 190,987.00	\$ 169,745.71	\$ 8,566.50	\$ -	\$ 8,566.50	\$ -	\$ -	\$ -	\$ -	\$ 1,180.00	\$ 5,212.50	\$ -	\$ 1,624.00	\$ 550.00	\$ 11,474.79			

Total DERF Eligible Costs This Claim \$ 8,566.50

Check Numbers

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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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-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

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-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

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	Qualifiers	State Program	GRO	DRO	Benzene	Ethylbenzene	Toluene	MTBE	TMBs	Xylenes	n-Butylbenzene	sec-Butylbenzene	tert-butylbenzene	1,2-Dichloroethane	1,1,1-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	
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	

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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-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																									
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	
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	
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	
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	
MW-6 (Luck Telephone)																											
20-Sep-16																	<0.17								<0.50	<0.33	
MW-6-30 (Luck Telephone)																											
20-Sep-16																	<0.17								0.56	<0.33	
MW-6-50 (Luck Telephone)																											
20-Sep-16																	<0.17								1.2	<0.33	

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	Qualifiers	State Program	GRO	DRO	Benzene	Ethylbenzene	Toluene	MTBE	TMBs	Xylenes	n-Butylbenzene	sec-Butylbenzene	tert-butylbenzene	1,2-Dichloroethane	1,1,1-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																											
MW-7-30 (Luck Telephone)																											
20-Sep-16																											
<0.17																											
<0.50 <0.33																											
MW-7-50 (Luck Telephone)																											
20-Sep-16																											
0.94																											
<0.50 <0.33																											
MW-10 (Luck Telephone)																											
20-Sep-16																											
<0.17																											
<0.50 <0.33																											
MW-10-30 (Luck Telephone)																											
20-Sep-16																											
0.61																											
1.5 0.41																											
MW-10-50 (Luck Telephone)																											
20-Sep-16																											
0.94																											
2.9 <0.33																											

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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
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
 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-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																												
<i>Cooper / Tetra Tech Sampling Dates</i>																												
May-05	NP				ND	ND	ND	ND	ND	ND	NP	NP		NP	NP	25	2.17	NP	NP	NP		NP	NP	NP	156	12.2	NP	
Aug-05	NP				<0.3	<0.5	<0.3	<0.3	<0.3	<0.3	NP	NP		NP	NP	NA	NA	NP	NP	NP		NP	NP	NP	NA	NA	NP	
Nov-05	NP				<0.3	<0.5	<0.3	<0.3	<0.3	<0.3	NP	NP		NP	NP	4.88	<0.4	NP	NP	NP		NP	NP	NP	107	4.79	NP	
Feb-06	NP				<0.3	<0.5	<0.3	<0.3	<0.3	<0.3	NP	NP		NP	NP	7.03	<0.3	NP	NP	NP		NP	NP	NP	76.7	5.86	NP	
May-06	NP				<0.3	<0.5	<0.3	<0.3	<0.3	<0.3	NP	NP		NP	NP	2.53	<0.3	NP	NP	NP		NP	NP	NP	38.4	2.64	NP	
<i>MSA Sampling Dates</i>																												
13-Apr-06					NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA
17-Aug-06					NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA
13-Dec-06	*	PECFA			<1.0	<1.0	<5.0	<1.0	<2.0	<3.0	<1.0	<1.0		<1.0	<1.0	7.5	<1.0	<1.0	<1.0	NA		<5.0	<1.0	<1.0	63	7.7	<1.0	
2-May-07	Q	PECFA			<0.31	<0.26	<0.32	<0.32	<0.51	<0.73	<0.24	<0.28		<0.34	<0.44	<0.44	<0.33	<0.31	<0.29	<2.7		<0.27	<0.31	<0.27	20	1.8	<0.31	
Well Abandoned																												

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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																														
<i>Cooper / Tetra Tech Sampling Dates</i>																														
May-05	NP				12	31.6	ND	ND	623	133.01	ND	26		NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Aug-05	NP				0.687	7.04	1.7	<0.3	88.6	27.94	NA	NA		NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Nov-05	NP				<0.3	5.59	<0.3	<0.3	46.7	24.32	23.5	3.65		NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Feb-06	NP				3.1	6.61	<0.3	<0.3	53.6	26.72	16.2	7.04		NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
May-06	NP				1.47	4.06	<0.3	<0.3	29.31	16.72	6.64	3.56		NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
<i>MSA Sampling Dates</i>																														
13-Apr-06					NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17-Aug-06					NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13-Dec-06	*				<1.0	4.4	<5.0	<1/0	58	18.3	4.2	2.1		<1.0	<1.0	<1.0	<1.0	5.5	1.2	<1.0		8.4	17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
2-May-07	Q				<0.31	2.3	<0.32	<0.32	65	11	3.4	<0.28		<0.34	<0.44	<0.44	<0.33	3.6	<0.29	<2.7		5.6	14	<0.27	<0.43	<0.26	<0.31	<0.31	<0.31	
Well Abandoned																														
MW-4A Equity																														
<i>Cooper / Tetra Tech Sampling Dates</i>																														
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	NP	NP	NP	NP	NP	NP	NP	NP	NP	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	NP	NP	NP	NP	NP	NP	NP	NP	NP	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	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Feb-06	NP				NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
May-06	NP				<0.3	2.81	<0.3	<0.3	<0.4	2.25	<0.3	<0.4		NP	NP	<0.4	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
<i>MSA Sampling Dates</i>																														
13-Apr-06					NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17-Aug-06					NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	<1.0	<1.0	
2-May-07	Q	PECFA			3.6	36.0	2.1	<0.32	45.8	38	6.8	1.0		<0.34	<0.44	<0.44	<0.33	5.6	0.81	<2.7		8.3	18	<0.27	<0.43	<0.26	<0.31	<0.31	<0.31	
Well Abandoned																														

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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-5 Equity																													
<i>Cooper / Tetra Tech Sampling Dates</i>																													
May-05	NP				0.862	ND	ND	ND	ND	ND	NP	NP		NP	NP	NP	NP	NP	NP	NP			NP	NP	NP	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	
<i>MSA Sampling Dates</i>																													
13-Apr-06					NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA			NA	NA	NA	NA	NA	NA	NA
17-Aug-06					NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA			NA	NA	NA	NA	NA	NA	NA
13-Dec-06					NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA			NA	NA	NA	NA	NA	NA	NA
2-May-07					NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA			NA	NA	NA	NA	NA	NA	NA
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																													
<i>Cooper / Tetra Tech Sampling Dates</i>																													
May-05	NP				ND	ND	ND	ND	ND	ND	NP	NP		NP	NP	2.87	NP	NP	NP	NP			NP	NP	NP	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																													

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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-7 Equity																														
<i>Cooper / Tetra Tech Sampling Dates</i>																														
May-05	NP	NA	NA	NA	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Aug-05	NP	NA	NA	NA	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Nov-05	NP	NA	NA	NA	0.89	<0.5	<0.3	<0.3	<0.4	<0.6	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Feb-06	NP	NA	NA	NA	<3.1	<5	<3	<3	<4	<6	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
May-06	NP	NA	NA	NA	<15	<25	<15	<15	<20	<31	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
<i>MSA Sampling Dates</i>																														
13-Apr-06		PECFA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17-Aug-06		PECFA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13-Dec-06	*	PECFA	NA	NA	<10	<10	<50	<10	<20	<30	<10	<10	<10	<10	<10	750	<10	<10	<10	NA	<50	<10	<10	740	290	<10	<10	<10	<10	<10
2-May-07	Q	PECFA	NA	NA	<0.31	<0.26	<0.32	<0.32	<0.51	<0.73	<0.24	<0.28	<0.34	4.9	810	2.2	<0.31	<0.29	<2.7	<0.27	<0.31	<0.27	980	300	1.0	<0.27	<0.27	<0.27	<0.27	<0.27
14-May-08	Q	DERF	NA	NA	<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.23	<0.27	1.8	500	1.3	<0.19	<0.21	<4.5	2.2	<0.17	<0.22	<0.38	390	87	<0.27	<0.27	<0.27	<0.27	<0.27
27-Aug-08	Q	DERF	NA	NA	<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.27	<0.50	110	<0.30	<0.19	<0.21	<4.5	0.39	<0.17	<0.22	<0.38	100	21	<0.27	<0.27	<0.27	<0.27	<0.27
24-Nov-08	Q	DERF	NA	NA	<0.29	<1.1	<1.3	<0.96	1.0	<4.3	<1.1	<1.1	<0.98	<1.4	2.5	500	<1.5	<0.94	<1.1	<23	3.2	0.99	<1.1	<1.9	300	72	<4.3	<4.3	<4.3	<4.3
23-Apr-09		DERF	NA	NA	<2.9	<2.2	<2.7	<1.9	<0.62	<8.6	<2.3	<2.2	<2.0	<2.7	9.0	1400	<3.0	<1.9	<2.1	<45	<3.0	<1.7	<2.2	<3.8	760	310	<2.7	<2.7	<2.7	<2.7
14-Jul-09		DERF	NA	NA	<2.9	<2.2	<2.7	<1.9	<6.2	<8.6	<2.3	<2.2	<2.0	<2.7	<5.0	780	<3.0	<1.9	<2.1	<45	<3.0	<1.7	<2.2	<3.8	660	180	<2.7	<2.7	<2.7	<2.7
02-Jun-11		DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<1.0	<0.25	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20
18-Nov-11		DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	6.1	830	3.0	<0.20	<0.20	<1.0	<0.25	<0.50	<0.50	160	92	2.0	<2.0	<2.0	<2.0	<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	<1.6	<1.6	<1.6	<1.6
15-May-12		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.3	353	2.0	<1.0	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0	422	212	0.45	<0.45	<0.45	<0.45	<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	<0.80	<0.80	<0.80
07-Jan-13		DERF	NA	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	250	<5.0	<5.0	<5.0	<20.0	<20.0	<5.0	<5.0	<5.0	402	232	<2.0	<2.0	<2.0	<2.0	<2.0
31-Jul-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	182	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	165	62.3	<0.40	<0.40	<0.40	<0.40	<0.40
27-Oct-13		DERF	NA	NA	<2.0	<2.0	<2.0	<2.0	<4.0	<6.0	<2.0	<2.0	<2.0	<2.0	298	<2.0	<2.0	<2.0	<10.0	<8.0	<8.0	<2.0	<2.0	116	61.2	<0.80	<0.80	<0.80	<0.80	<0.80
26-Feb-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	42.9	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	63.3	22.6	<0.40	<0.40	<0.40	<0.40	<0.40
27-May-14		DERF	NA	NA	<2.0	<2.0	<2.0	<2.0	<4.0	<6.0	<2.0	<2.0	<2.0	<2.0	113	<2.0	<2.0	<2.0	<10.0	<8.0	<8.0	<2.0	<2.0	128	37.1	<0.80	<0.80	<0.80	<0.80	<0.80
11-Aug-14		DERF	NA	NA	<2.0	<2.0	<2.0	<2.0	<4.0	<6.0	<2.0	<2.0	<2.0	<2.0	254	<2.0	<2.0	<2.0	<10.0	<8.0	<8.0	<2.0	<2.0	147	49.6	<0.80	<0.80	<0.80	<0.80	<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	<0.15	<0.15	<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	<0.20	<0.20	<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	<0.084	<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	<0.15	<0.15	<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	<0.13	<0.13	<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	<0.069	<0.069	<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	--	--	--		<i>0.5</i>	<i>140</i>	<i>200</i>	<i>12</i>	<i>96</i>	<i>1000</i>	--	--	<i>0.5</i>	<i>0.7</i>	<i>7</i>	<i>20</i>	--	--	<i>90</i>	<i>0.5</i>	<i>10</i>	--	<i>10</i>	<i>0.5</i>	<i>0.5</i>	<i>0.02</i>									
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																																			
<i>Cooper / Tetra Tech Sampling Dates</i>																																			
May-05	NP		NA		ND	ND	ND	ND	ND	ND	NP	NP		NP	NP	8.15	NP	NP	NP	NP		NP	NP	NP	NP	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	NP	NP	NP	NP	NP	NP					
Nov-05	NP		NA		<0.3	<0.5	<0.3	<0.3	<0.4	<0.6	NP	NP		NP	NP	<0.4	NP	NP	NP	NP		NP	NP	NP	NP	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	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	NP	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								

Explanation:

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

F:\GIS\Client\SCVH-St Croix Valley, Hardwoods\Projects\Geoprobe Investigation-Figure 2.mxd

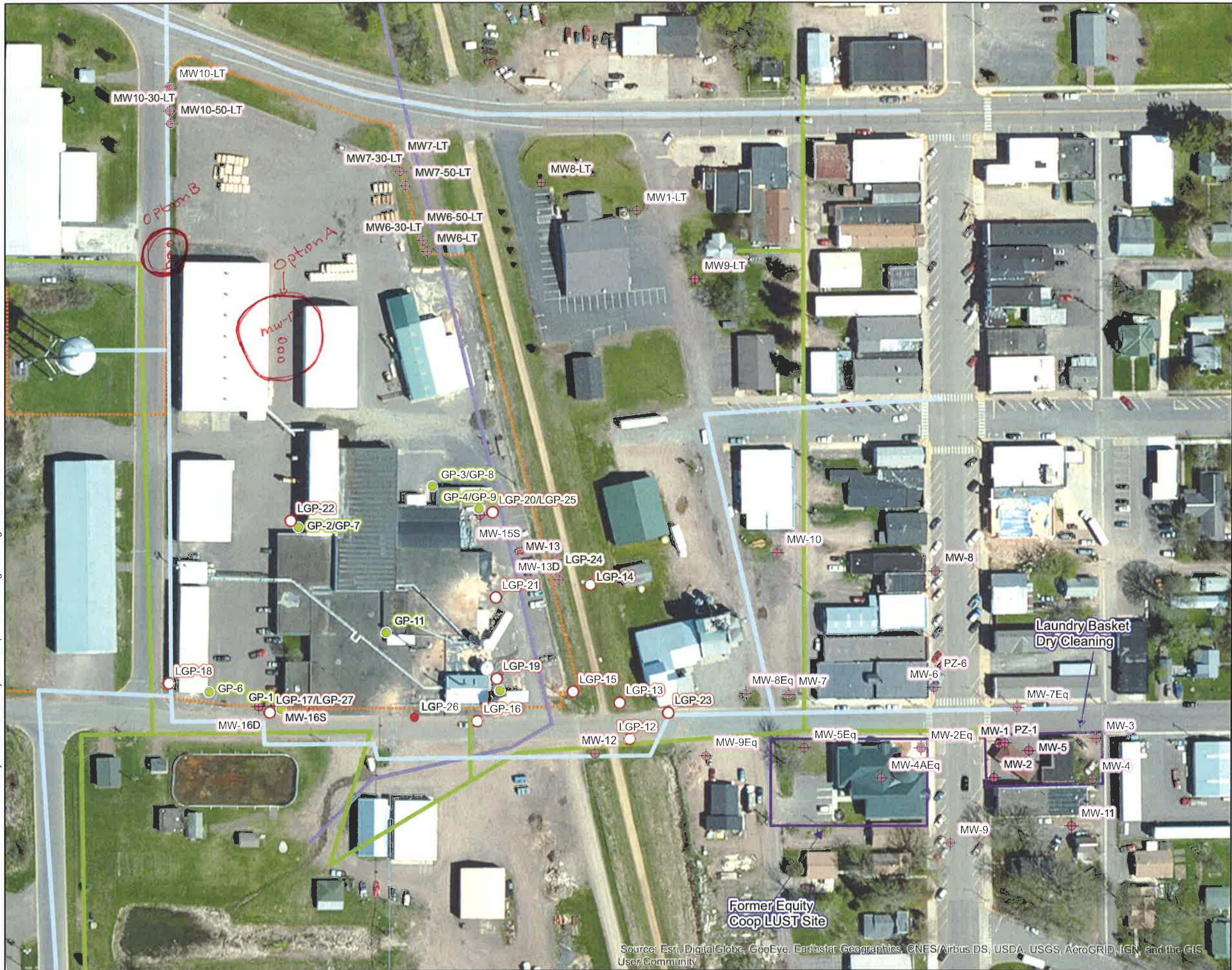


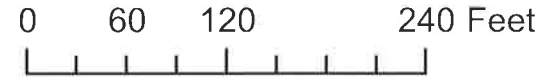
FIGURE 2

**GEOPROBE INVESTIGATION AND
ADDITIONAL PHASE II INVESTIGATION
LOCATIONS
230 Duncan Street
Luck, Wisconsin**

LANDMARK ENVIRONMENTAL, LLC

Legend

- Landmark Geoprobe Boring (March 21, 2017)
- Landmark Phase II Investigation Location
- Braun Boring Location
- ⊕ Well Location
- Nearby Properties
- Approximate Location of Water Main
- Approximate Sewer (Gravity Mains)
- Approximate Sewer (Pressurized Mains)
- Property Boundary



1 inch = 116 feet

Source: Previous Investigation Locations Provided by Braun Phase II Investigation.



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community